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THE QUALITY OF FINANCIAL ADVICE: WHAT INFLUENCES CLIENT RECOMMENDATIONS?

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ABSTRACT

In this paper, we conduct an experiment with a large sample of financial planner professionals in Canada to elicit factors which may influence client recommendations. Using repeated client vignettes, we find that recommendations are often in-line with what one would expect from economic theory. In particular, advice is sensitive in expected ways to relative costs and benefits of particular options. In some domains, we find evidence that planners are more likely to recommend products they own themselves, their spouse owns, or they are licensed to sell. In the investment domain, we also find that planners are more likely to recommend products that clients inquire about even when this type of solicitation is randomized across clients and options. Finally, we find that planners are systematically sensitive to the gender of the client even when gender is uninformative regarding which recommendation to make.

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1 Introduction

The quality of professional financial advice has attracted considerable attention. The question is important, considering that professional financial advice represents an estimated market of $60 billion in the U.S. Existing research does not paint a very positive portrait of advice quality. Some advice is, at worst, dishonest (Egan et al., 2019); under-performs in terms of returns (Hackethal et al., 2012, Hoechle et al., 2017, 2018); discriminates against women (Bucher-Koenen et al., 2020, Bhattacharya et al., 2020); or at best, acts out of good faith but with misguided beliefs (Foerster et al., 2017, Linnainmaa et al., 2021).

Assessing the quality of financial advice is notoriously difficult for many reasons. First, there is evidence of self-selection among consumers who seek financial advice. Those who know little and for whom advice would be most beneficial often do not seek any advice. It is rather the most financially sophisticated private investors who may be the ones obtaining advice (Bhattacharya et al., 2012). Second, it is sometimes difficult to establish the counterfactual, i.e., what would clients have done absent advice (Chalmers and Reuter, 2020)? Third, even when random assignment of advice is possible, client involvement in the form of explicit inquiries about certain products can influence the advice provided (Hackethal et al., 2018). Finally, data on client-advisor interactions are rare. Although audit studies are possible (Mullainathan et al., 2012), direct experiments in a real client-advisor setting are even more difficult given various constraints in the legal environment surrounding financial advice and the relationship between advisors and their clients.

In this paper, following the taxonomy proposed by Harrison and List (2004), we perform an artefactual field experiment with financial planners. We collaborated with the two major Canadian professional organizations: Institut québécois de planification financière (IQPF) in Québec and FP Canada in all other provinces, and sent their financial planners an invitation to participate in a survey. Hence, all our respondents, hereinafter referred to as "(financial) planners" or "FPs", hold a designation as Certified Financial Planner® professional (CFP® professional), Qualified Associate Financial Planner™ professional (QAFP™ professional), or *planificateur financier* (Pl. fin.).[1] These are specialized designations obtained through various requirements related to education, training, experience and qualifications: out of the 100,000 agents licensed to sell financial products

[1]The closest equivalent to these certifications in the US is the Certified Financial Planner certification, see `https://www.cfp.net/`.

in Canada, approximately 25,000 hold one of these certifications.[2] One would therefore expect the quality of advice provided by FPs from these professional organizations to be superior to that of other advisors.

By surveying FPs, we reach different types of individuals, which allows us to investigate advice from people who work in different settings. We collect information on demographics, preferences, employment, and financial situation of the planners to understand heterogeneity in financial advice. Our setting allows us to unpack financial planner characteristics and study how they affect the advice provided.

Our experiment is centered on eliciting planner recommendations over different options for different client scenarios, which we call vignettes, related to retirement saving, annuities, long-term care risk, and investments decisions. We randomize some of the features of these vignettes, such as client gender and characteristics, client involvement, planners' compensation scheme, and product fees and characteristics. By varying these features, we can elicit in an experimental setting the factors that impact planners' advice.

We model how various characteristics of planners, clients in the vignettes and vignettes themselves impact recommendations made. In particular, we focus on 4 types of biases. First, we investigate how client involvement impacts recommendations (Hackethal et al., 2018). This is the case if a product the client inquires about is more likely to be recommended. Second, we look at the extent to which the gender of the client in the vignette impacts the recommendation made (Bhattacharya et al., 2020, Bucher-Koenen et al., 2020). Third, we explore the role of planner compensation on recommendations (Inderst and Ottaviani, 2012, Turner and Giordano, 2020). Finally, we investigate familiarity bias, the degree to which planners tend to recommend products they, or their spouse, own; or products which they are licensed to sell (Foerster et al., 2017, Linnainmaa et al., 2021).

We find that recommendations are often in-line with what one would expect from economic theory. On average, advice is sensitive in expected ways to relative cost and benefits of particular options. However, we find evidence in some domains that planners suffer from familiarity bias as they are more likely to recommend products they own, their spouses own, or they are licensed to

[2] See the numbers from `https://www.financialplanningassociation.org/article/journal/SEP20-international-perspective-evolution-financial-services-canada`, to which we add the number of Pl. fin.

sell. In the investment domain, we also find that planners are more likely to recommend products that clients inquire about even when this type of solicitation is randomized across clients and options. Finally, we find that planners are systematically sensitive to the gender of the client even when gender is uninformative regarding which recommendation to make.

Our findings suggest that training of financial advisors that raise awareness of these potential biases might help lower their prevalence. In many countries, individuals are faced with ever more complex financial choices. Financial advice is often argued to be a substitute to financial education, but a necessary condition is that advice is not unconsciously biased in a way that could harm the clients.

The paper is structured as follows. In section 2, we describe the experiment. In section 3, we present the econometric methodology used. Section 4 discusses the results. Finally, we conclude in section 5.

2 Experiment

2.1 Sampling Design and Response Rate

Surveying advisors directly is hard since there is no national registry of financial advisors. However, in Canada, financial planners are represented by two national organizations, one in the province of Quebec (IQPF) and one in the rest of Canada (FP Canada). With the collaboration of these two organizations, we sent FPs an invitation to participate to a survey. Participation was rewarded with a random draw of 20 Amazon e-gift cards, ranging in value from CA$50 to CA$500[3], and 0.5 continuing education credits for FP Canada certification holders who elected/opted in to receive them.[4] We used Asking Canadians, a well-known survey organization in Canada, to program and host our survey instrument.[5] The median response time was 25 minutes for FP Canada FPs and 26 minutes for FPs from Québec.

The survey instrument is organized in 5 parts. First, we ask planners questions regarding their background. Second, we present a series of hypothetical client situations (vignettes) and ask

[3]We paid out 2 cards for $500, 2 cards for $200, 6 cards for $100, and 10 cards for $50.

[4]For this option, respondents had to provide their e-mail address to the survey firm; 714 respondents elected to do so. Continuing education credits were not offered to Pl. fins.

[5]We obtained a response rate of around 9%. We received 1,044 complete surveys out of 19,469 mail-outs. We compare below in Table A1 characteristics of our respondents with those in the universe of FPs.

planners to choose out of several potential recommendations. We provide more information on the design of those vignettes in the next section. Third, we record information about planners' current employment. Fourth, we elicit information on planners' preferences and individual characteristics. Finally, we ask planners about their own financial behavior. The survey instrument was available in both French and English and respondents could elect which language they wish to use. The full English questionnaire is available in Appendix B.

2.2 Vignette Design

Since we focus on four types of biases, our vignettes are specifically designed to tease these out. We organize vignettes around 4 different domains: (1) Retirement savings, (2) Decumulation and longevity risk, (3) Long-term care risk, and (4) Investments.

For each of these domains, we elicit recommendations for two versions of the same vignette that differ by the realization of randomized features, thereby providing both between- and within-subject variation in vignette features.[6] We can randomize a number of features in the vignettes. In particular, we randomize the client's name as well as the gender in each vignette. Second, across all domains we randomize client involvement by adding a sentence stating that the client explicitly inquires information about one of the options in the recommendation set. For each situation presented, we ask the planners to chose one option out of multiple possible client recommendations. Hence, planners' recommendations are responses to eight hypothetical situations presented to each respondent. While hypothetical situations do not replace recommendations made in real life settings, they allow us full control over the information presented.

We are interested in what the financial planners recommend over the whole spectrum of options rather than what they could recommend given their licensing. Therefore, we ask the planners to assume that they have the necessary license(s) to sell any product or service. The exact preamble text is given by: *For all client situations, consider that inflation will be negligible in the foreseeable future and assume that marital status will remain unchanged. Please provide your best advice in each of the client scenarios presented based on the information provided. Assume that you have the necessary license(s) to sell any products/services.*

[6]The realizations of the variables are drawn with equal probabilities and for each vignette without replacement. That is, the realization of a random variable in the second version of a vignette cannot take on the same value as the realization of the same variable in the first version of the same vignette.

Retirement savings vignette. The first vignette focuses on the topic of retirement savings and in particular the role played by taxation. In Canada, voluntary retirement savings can be accumulated in tax-preferred vehicles, providing a potentially higher effective rate of return relative to a taxable vehicle. A simple comparison of marginal tax rates at the times when contributions and withdrawals occur allows to choose between a contribution to a Registered Retirement Savings Plan (RRSP) and a Tax-Free Savings Account (TFSA). An RRSP contribution is optimal when the marginal tax rate at the time of contributing is higher than when withdrawal occurs, while the TFSA is optimal when the opposite is true. Boyer et al. (2022) provide experimental evidence that consumers have a hard time with this decision. Advice on retirement savings could therefore be beneficial. We extend this framework by adding an option of investing in a universal life insurance policy, and an option of repaying debt. The option of repaying debt is more attractive when the interest rate paid exceeds the expected rate of return on investments. Universal life insurance, given its tax treatment, should usually not be favored to RRSP nor TFSA when there is contribution room in the latter accounts.

There are four randomized variables in the vignette for the retirement savings domain. First, we randomize the current marginal tax rates (MPR is 30% or 50%) which influences the optimal recommendation for RRSP and TFSA contributions. Second, we randomize the interest rate (APR is 2.5%, 5%, or 7%) on debt held by the client to vary the incentives to recommend debt repayment. Finally, we randomize the name-gender of the client, and client involvement through a prompt for universal life insurance.

We present the following vignette to respondents, in which we show an example of the possible values taken by the randomized elements:

James is 35 years old. He is married and has two kids under the age of 10. He wishes to invest $5,000 of pre-tax money. He has a current effective marginal tax rate of 30% and anticipates a marginal tax rate of 40% when he withdraws the amount contributed and the accumulated returns. He has $5,000 of outstanding debt at a 2.5% APR. Suppose that he could contribute the entire amount to either an RRSP or a TFSA; that he owns a Universal Life (UL) insurance policy; and that the withdrawal will not be eligible for any income splitting. The client inquires about the option of investing the money in the UL policy.

Decumulation vignette. The second vignette is about longevity risk and the decumulation of assets. Therefore, the question of annuitization is central (Yaari, 1965, Davidoff et al., 2005). In Canada, knowledge of annuities is limited and take-up is quite low (Boyer et al., 2020a). Hence, this is again a domain where advice could be beneficial to consumers.

The vignette we present features a client who has retired (around 70 years old) and has substantial retirement savings. The potential recommendations are to partially or fully annuitize retirement savings, or to invest in segregated funds or in mutual funds. In addition to client involvement through a prompt for mutual funds, and gender of the client, we also randomize a number of features. First, we randomize the family situation of the client to induce a bequest motive, which typically reduces the optimality of full annuitization and provides an incentive to invest into segregated funds with death benefit guarantees. We either specify the client as living alone without children, or living with a partner who is 10 years younger. Second, we randomize the health of the client to create variation in life expectancy: excellent (above average), good (average) or poor (below average). Given the payout rates on annuities do not vary by health status, this variation induces variation in the desirability of annuitizing wealth. Third, in the alternatives proposed, we randomize the rate of return on mutual funds (4%, 6% or 10%), which also influences the choice of investing vs. annuitization. Fourth, we randomize the payout on segregated funds ($15,750 or $14,000) to create variation in the desirability of this recommendation. It is important to note that the payout on the annuity is adjusted for the gender of the client in the vignette. This prevents mechanical gender effects, based, for example, on gender-specific longevity risk. Finally, to analyze the role of compensation, we randomly add a note stating that the sale of mutual funds contributes towards the planner's compensation. An example of the vignette is given by:

Suzie is 70 years old. She lives alone and has no children. She is renting a condo and she is in excellent (above average) health. Suzie has $350,000 (after-tax) in retirement savings. She has annual after-tax pension income of $40,000 (includes OAS and other income sources). She would like to be able to afford spending at least $50,000 per year. She is asking what she should be doing with her retirement savings. She inquires about the option of investing in mutual funds. Please provide your best advice ignoring any tax considerations.

Long-term care risk vignette. The third vignette is about long-term care risk. This risk is partially insured by public long-term care coverage or subsidies, but (Boyer et al., 2020b) show that considerable residual financial risk exists. Yet, take-up of insurance against this risk is quite low in Canada (roughly 10%) and recent years have seen a number of insurers offering such products drop out of the market. Hence, this is a domain where advice can be particularly helpful for consumers and could stimulate supply.

The vignette concerns a client living alone at age 70. The client has an outstanding mortgage carrying an interest rate which is randomized (1.5%, 2.5%, or 3.5%). We also provide details on long-term care risk and randomize the health of the client to generate variation in risk: excellent (above average), good (average) or poor (below average). We specify three different potential recommendations: one involving paying off the mortgage, which should be more optimal when the interest rate is higher on the mortgage; one involving investing to generate returns, with a rate of return which is randomized (2%, 3%, or 5%); and finally, an option to purchase a long-term care insurance policy with a premium which is a function of the gender of the client. Gender-specific premiums prevent mechanical gender effects, based, for example, on gender-specific risk of needing long-tern care. In addition to client gender, we also vary client involvement through a prompt for repaying the mortgage. An example is given below.

Joe is 70 years old. He lives alone in a house currently worth $250,000. He has a mortgage of $125,000 at an interest rate of 1.5% per year. He has $125,000 in retirement savings (all in a TFSA). He has annual after-tax pension income of $30,000 (includes OAS and other income sources). Joe would like to make sure he can afford long-term care when he needs it. The cost of one-year in a nursing home facility is close to $50,000 and he has been told that, in general, people can expect to live 2 to 3 years in a nursing home or other long-term care facility before they die. He is in good (average) health. He does not expect to stay in his home should he need long-term care. The client inquires about the option of using his retirement savings to pay off his mortgage.

Investment vignette. The fourth domain focuses on investment and in particular features an arbitrage in terms of investment fees (Khorana et al., 2009, Gil-Bazo and Ruiz-Verdú, 2009). The vignette isolates the investment trade-off from other trade-offs, involving for example debt.

The recommendation options are guaranteed investment certificate (GIC), segregated funds, mutual funds, and exchange-traded funds (ETF). In addition to client involvement through an ETF prompt, and client gender, investment fees on segregated funds (2%, 3%, or 4%) and mutual funds (1%, 2%, or 3%) are randomized. When investment fees are high, an ETF recommendation is likely optimal. Further, since segregated funds can feature additional options relative to mutual funds, financial planners should be more likely to recommend segregated funds than mutual funds in case the former are associated with lower fees. We provide an example of an investment vignette:

Your client, Kate is a 45-year-old female high school teacher with an annual gross income of $50,000. She is married and has two kids under the age of 10. Her husband is currently looking for a job in marketing. Kate currently holds $75,000 in her TFSA and this year, there is no room to contribute to her RRSP (because she holds a DB pension). The mortgage on her house is fully paid off and the line of credit on the house is unused. Kate has $40,000 in a savings account that she is looking to invest (within her TSFA) for a time-horizon of three years. She inquires about the option of investing in an exchange-traded fund (ETF).

3 Econometric methods and data

We estimate separate econometric models for the four domains targeted by our vignettes: retirement savings, longevity risk, long-term care risk, and investments. For each domain we present respondent i with two vignettes, $j = 1, 2$.

We define the set of recommendations for a particular domain, $Y_i = \{Y_{i,1}, Y_{i,2}\}_{j=1,2}$. There are $k = 1, ..., K$ potential recommendations for each vignette ($K = 4$). Hence, $Y_{i,j}$ records the recommendation made. Let $Y_{i,j,k} = 1$ if $Y_{i,j} = k$.

Each planner has a set of socio-economic characteristics X_i which include among others age, gender, marital status, highest education, and personal income. These do not vary across scenarios or domains. We also have a set of planner characteristics, such as owning a particular product which is also scenario invariant. Denote the vector of such variables F_i.

We define a set of scenario-specific characteristics, $Z_{i,j}$, which consist of scenario characteristics such as the randomizations used in the vignettes. We include in this vector a set of order effects to

capture the potential effect of the order of choice (first or second) in the sequence of vignettes. We denote by $W_{i,j}$ the variables of interest related to client involvement and gender of the client in the vignette.

We use multinomial choice models to study recommendations. In each of the four vignettes v presented to them, the FPs have the choice out of K alternatives, such as investing in mutual funds or segmented funds.

Let the deterministic value of recommending option k for the planner be denoted by $\overline{V}_{i,j,k}$. Assume it is given by

$$\overline{V}_{i,j,k} = X_i\beta_k + Z_{i,j}\gamma_k + W_{i,j}\delta_k + F_i\alpha_k \tag{1}$$

where $\beta_k, \gamma_k, \delta_k, \alpha_k$ are option-specific parameters. Assume the unobserved taste of the planner for option k is given by $\epsilon_{i,j,k}$ and is independent across options and vignettes, as well as being distributed extreme value Type 1. Hence the value of making recommendation k in vignette j is $V_{i,j,k} = \overline{V}_{i,j,k} + \epsilon_{i,j,k}$.

The planner makes the recommendation with the highest value. Given that only value differences matter, we set $\beta_1 = \gamma_1 = \delta_1 = \alpha_1 = 0$. Given the assumption on the unobserved tastes, we obtain the following multinomial logit probabilities of recommending option k in vignette j:

$$\Pr(Y_{i,j} = k | Z_{i,j}, W_{i,j}, X_i, F_i) = \frac{\exp(\overline{V}_{i,j,t})}{1 + \sum_{k'>1} \exp(\overline{V}_{i,j,k'})}, \quad k = 2, 3, 4. \tag{2}$$

Within a domain, the probability of obtaining both recommendations is

$$\Pr(Y_i | Z_i, W_i, X_i, F_i) = \prod_{j=1,2} \Pr(Y_{i,j} | Z_{i,j}, W_{i,j}, X_i, F_i). \tag{3}$$

Using these probabilities we can estimate parameters θ by maximum likelihood. We use the sandwich estimator of the covariance matrix to compute robust standard errors.

Upon estimating the model, the parameters cannot be interpreted directly. Instead, we com-

pute average partial effects. Denote by $p_{i,j,k}$ the probability of recommending option k in vignette j for respondent i. For a particular planner characteristic, say F_i, the average partial effect on the probability of observing recommendation k is given by

$$APE_k(F_i) = \frac{1}{NJ}\sum_i\sum_j \frac{\partial p_{i,j,k}}{\partial F} = \frac{1}{NJ}\sum_i\sum_j p_{i,j,k}(\alpha_k - \overline{\alpha}) \tag{4}$$

where $\overline{\alpha} = \frac{1}{K}\sum_k p_{i,j,k}\alpha_k$. One implication of this result is that the sign of a coefficient in a multinomial logit does not give the sign of the effect of a change in a covariate on the probability. Similar quantities can be estimated for other covariates. Standard errors of the average partial effects are computed using the delta rule. These estimates give the effect of changing a particular characteristic on the probability of each of the different recommendations. By design, the sum of the partial effects over the K options is zero as the probabilities must sum to one. Substitution across options takes place naturally under some restrictions about substitution patterns.

To test for the various biases we postulate, we compute a Wald test statistic on groups of coefficients related to a particular variable. For example, to test whether there are biases associated with a variable F_i, we need to test $\alpha_2 = \alpha_3 = \alpha_4 = 0$. We report the value of the Wald test statistic which is Chi-squared distributed and has degrees of freedom equal to the number of parameters restricted to be zero under the null hypothesis.

To interpret parameters of interest as biases, controlling for X_i is potentially important as one reason a planner might have the product he or she recommends to a client is that the client is similar to the planner. In reporting results below, we will test whether controlling for an extensive set of X_i impacts our conclusions.

3.1 Descriptive statistics

Table 1 reports demographics and characteristics of FPs in our sample. A total of 1044 planners completed the survey.

Financial planners are on average 49.5 years old. 21% responded in French. As expected, the sample is much more educated than the general population. Close to 70% of respondents have a university degree (bachelor or more). Planners make on average $178,820 in annual income and

Table 1: Demographics and Characteristics of FPs

	Mean	Std. dev.	N
Characteristics			
Age	49.48	11.74	1,044
Female	0.34		1,044
French survey	0.21		1,044
Married or Common-law	0.82		1,044
Has children	0.77		1,044
Work experience (years)	16.35	9.87	979
IQPF (FP Canada omitted)	0.23		1,044
Complete after reminder	0.36		1,044
Education			
High school or less	0.07		1,044
College or some university	0.20		1,044
Bachelor degree or more	0.72		1,044
Province			
Quebec	0.24		1,044
Ontario	0.39		1,044
BC	0.14		1,044
Alberta	0.11		1,044
Other	0.11		1,044
Financials			
Annual income (imputed)('000 $)	178.82	148.29	1,044
Annual income ('000 $)	176.74	147.71	823
Debt (imputed)('000 $)	260.25	379.30	1,044
Debt ('000 $)	254.03	364.22	841
Share own real estate	0.75		1,044
Value of real estate ('000 $)	1,252.67	1,170.05	630
Share own DB plan	0.25		1,037
Share own RRSPs	0.71		1,044
Amount in RRSP ('000 $)	313.00	362.14	742
RRSP half or more risky assets	0.80		742
Share own TFSAs	0.64		1,044
Amount in TFSA ('000 $)	68.40	77.48	673
TFSA half or more risky assets	0.77		673
Share own group plans	0.19		1,044
Amount in group plan ('000 $)	58.20	95.89	199
Group plan half or more risky assets	0.83		199
Share own DC plan	0.12		1,044
Amount in DC plan ('000 $)	93.67	150.93	126
DC plan half or more risky assets	0.66		126
Share own other accounts	0.35		1,044
Amount in other accounts ('000 $)	348.34	492.42	368
Other accounts half or more risky assets	0.72		368

Note: This table presents summary statistics of variables collected through the survey. For continuous variables, we show the mean and standard deviation, and for binary variables we show the share. Complete after the reminder is a dummy variable indicating whether the respondent finished answering the survey after a reminder had been sent by the organization. For financial variables in which the respondent had the choice of not responding, we use multiple imputation to assign missing values with information from the bracketing, conditional on basic socio-demographic covariates (education, a quadratic term in age, gender and province of residence).

hold real estate on average above $1 million. Close to 71% have an RRSP which is slightly higher than in the general population (58.6%)[7]. Close to two-thirds of respondents have a TFSA (64%). In terms of pensions, planners are more likely to have a defined benefit plan (25%) than a defined contribution one (12%).

Planners have on average 16 years of experience. In terms of advice areas, most planners provide investment planning (79%) and retirement planning (86%) (Table A2). Fewer planners provide advice in private banking (10%) and responsible investing (26%). Place of work is quite diverse with 1/3 (31%) working in a financial planning firm and 19.2% in banks, while 16.3% are self-employed.

A majority of planners offer financial planning, including implementation (63%). Fewer offer advice on insurance (4.5%). Planners do consult or refer clients to others: 84% occasionally or frequently refer clients to other experts.

In Table A1, we compare characteristics of FPs who respondent to the survey compared to the universe of FPs. We find that they are quite similar in terms of age, gender and experience. FPs responding to our survey are slightly more educated. If we think that education is correlated positively with advice quality, this self-selection would be unfavorable to finding evidence of bias.

In Table 2 we report information on familiarity with products sold, certification and compensation. Compensation schemes are diverse across planners. Only 10.4% are exclusively paid on salary. The vast majority has mixed compensation involving commissions, fees and bonuses. In addition to their certifications as *Planificateur Financier* (Pl. Fin) in Quebec and as *Certified Financial Planner* professional or *Qualified Associate Financial Planner professional* in the rest of Canada, planners hold a vast array of certifications with the most frequent being *Personal Financial Planner* (PFP) and *Chartered Life Underwriter* (CLU). Close to three quarters of planners have a license to sell mutual funds, 60% hold a license to sell insurance and only 22% hold a license to sell securities directly. In terms of specific licenses, relatively few have a license to sell exchange-traded funds (39%). Close to half have a license to sell long-term care insurance (52%).

The vast majority of planners hold mutual funds (80%), only 33% hold ETFs. Planners are not likely to have annuities or long-term care insurance. About one third have universal life insurance.

We also ask planners about preferences, expectations and self assessment (Table A3) as well

[7]Source: Statistics Canada Table 11-10-0016-01

Table 2: Products owned and licensed to sell, Certifications, and Compensation

	Share	N
Products owned		
Universal life insurance	0.38	1,044
Mutual funds	0.85	1,044
Segregated funds	0.20	1,044
Annuity	0.03	1,044
Long-term care insurance	0.12	1,044
Index-linked GIC	0.06	1,044
Exchange-traded funds	0.46	1,044
Real estate	0.75	1,044
Products owned by spouse		
Universal life insurance	0.31	856
Mutual funds	0.80	856
Segregated funds	0.16	856
Annuity	0.03	856
Long-term care insurance	0.07	856
Index-linked GIC	0.05	856
Exchange-traded funds	0.33	856
Real estate	0.73	856
Licenses		
License to sell mutual funds	0.73	1,044
License to sell insurance	0.60	1,044
License to sell securities	0.22	1,044
Licenses (specific)		
Universal life insurance	0.58	1,044
Mutual funds	0.75	1,044
Segregated funds	0.58	1,044
Annuities	0.57	1,044
Long-term care insurance	0.52	1,044
Index-linked GIC	0.49	1,044
Exchange-traded funds	0.39	1,044
Certifications		
Chartered Financial Analyst (CFA)	0.02	1,044
Chartered Life Underwriter (CLU)	0.14	1,044
Chartered Professional Accountant (CPA)	0.06	1,044
Trust and Estate Practitioner (TEP)	0.03	1,044
Personal Financial Planner (PFP)	0.12	1,044
Registered Financial Planner (R.F.P.)	0.03	1,044
Registered Retirement Consultant (RRC)	0.09	1,044
Certified Health Insurance Specialist (CHS)	0.05	1,044
Certified Financial Planner (Other Country)	0.00	1,044
Elder Planning Counselor (EPC)	0.04	1,044
Other	0.18	1,044
Mode of compensation		
Salary only	11.40	119
Salary plus bonus based on sales	20.40	213
Primarily commissions	20.50	214
Primarily Assets under Management	32.47	339
Primarily fee for advice	8.05	84
Other	7.18	75
Total	100.00	1,044

Note: This table presents the share of the sample in each categories.

as social norms (Table A4). Planners generally self-report as being quite patient and risk tolerant. Close to 70% of planners are willing to bear above average financial risk, 20% substantial risk. Most planners do not think clients should set aside money to leave to their children (73%). A majority also think children should not inherit their parent's home. Planners believe that debt can be beneficial to consumers. For themselves, planners have heterogeneous preferences regarding intertemporal consumption (whether to live long with few resources vs. few years with substantial resources).

In terms of beliefs, planners tend to think that not investing in shares (stocks) is not a good thing (40% agree, 20% strongly agree). On average, planners expect the return on the Canadian stock market to be 8% per year. More than 72% of planners are at least somewhat confident about their own assessment of future returns. Although they exhibit a certain degree of confidence, planners attach on average a 10% probability to the possibility that returns will exceed 20%, while they attach a 17% probability that returns will be negative. The overwhelming majority of planners think that clients do not have a good idea about optimal planning strategies (46% disagree, 43.3% strongly disagree).

We asked planners about personality traits (Table A5 and A6). We find that overall planners are more likely to view themselves as extroverted, not quarrelsome, self-disciplined and dependable, not easily upset and very open to new experiences. They also think they are sympathetic and warm, organized, calm and emotionally stable.

4 Main Results

In this section, we first describe findings that are specific to the respective domain of each vignette. We present the effect of the randomized features of each scenario using average partial effects calculated from equation (4) following a multinomial logit estimation for which the dependent variable is a categorical variable representing the respondent's answer to the vignette. Appendix Table A7 reports the raw frequency of recommendations for the different vignettes we consider.

The results show that recommendations are generally sensitive to vignette features in a way which is consistent with economic theory. We investigate client involvement, gender, compensation effects, and familiarity bias. We define a planner to be familiar with a financial product if he

or she owns the respective product themselves, if their spouse owns the respective product, or if the planner is licensed to sell the respective product. Throughout, we show that the effects we document are robust to controlling for planner characteristics. This is important to rule out any reflection bias in our estimation, where planners who look like clients in the vignettes could both recommend and hold the optimal products. We conclude that it is unlikely that observable planner characteristics interact with our experimental design to produce the findings we document.

Subsection 4.5 discusses potential biases pooling across all vignettes. The related tables report t-test results and describe how often a product is recommended across all scenarios when the planner is familiar with the respective product, when the vignette states that the planner is compensated for the sale of this product, and when the client inquires about the product.

Finally, in Subsection 4.6, we take a more detailed look into the determinants and heterogeneous effects of biases. We investigate planners' likelihood to recommend products solicited by clients when they are familiar with those products, and further explore the role of planners' characteristics in recommending familiar products and report the results.

4.1 Retirement savings vignette

In this scenario, the main drivers for recommendation are the interaction between the marginal tax rates (MTR) of the client at the time of contribution and withdrawal, and the APR on their debt. Because of the timing of taxation, when the MTR is higher at the time of contribution than withdrawal, an RRSP product should be favored in place of a TFSA, and vice versa. Further, all else equal, repaying the debt should be favored as the APR on debt increases relative to the expected return on investments. Finally, because of its tax treatment, in the vignettes presented investing the money in the universal life insurance policy should usually not be optimal: given that there is room for contribution in both the RRSP and the TFSA, individuals should prioritize these types of savings accounts.

Table 3 presents the baseline randomization effects. Given that the vignette specifies an MTR of 40% at the time of withdrawal, a MTR of 50% at the time of contribution results in a 42 percentage points higher likelihood that planners recommend investing into an RRSP than when the MTR at the time of contribution is 30%. Analogously, an MTR of 50% at the time of contribution leads

Table 3: Savings vignette - Effect of randomization
(Average partial effects from a multinomial logit estimation)

	RRSP	TFSA	UL	Debt
MTR when working (30% omitted)				
50%	0.424***	-0.279***	-0.001	-0.144***
	(0.01)	(0.01)	(0.00)	(0.02)
APR on debt (2.5% omitted)				
5%	-0.140***	-0.139***	-0.003	0.282***
	(0.02)	(0.02)	(0.00)	(0.02)
7.5%	-0.210***	-0.251***	-0.004	0.465***
	(0.02)	(0.02)	(0.00)	(0.02)
Female client	-0.003	0.015	-0.011*	-0.000
	(0.02)	(0.02)	(0.01)	(0.02)
Solicit UL	-0.036**	0.018	0.001	0.018
	(0.02)	(0.02)	(0.00)	(0.02)
Ordering	-0.025	0.020	0.003	0.002
	(0.02)	(0.02)	(0.00)	(0.02)
R-squared	0.27	0.27	0.27	0.27
Observations	2,088	2,088	2,088	2,088

Note: This table presents average partial effects calculated using equation (4) following a multinomial logit estimation for which the dependent variable is a categorical variable representing the respondent's answer to the vignette. We include the vignette's randomized parameters as dependent variables, as well an ordering dummy variable equal to one for the second scenario presented to respondents. Standard errors are calculated using the Huber/White/sandwich estimator. ***, **, and * represent significance at the 1, 5 and 10 percent level, respectively.

to a 28 percentage points lower likelihood that planners recommend a contribution to a TFSA. Further, planners are less likely to recommend contributions to either RRSP or TSFA and more likely to recommend repaying outstanding debt when the APR on the client's debt is higher. These findings are big, statistically significant and in line with economic theory.

In terms of client involvement, an explicit inquiry by the client about universal life insurance does not lead to a significantly higher propensity for planners to recommend this product in the savings domain. This is reassuring as universal life, given its tax treatments, can hardly be argued as optimal in any of the randomizations presented to participants.[8] Interestingly, female clients are around one percentage point less likely to receive the recommendation to invest into their universal life insurance than their male counterparts. Given the general suboptimality of the universal life insurance recommendation in this context, this suggests better recommendations to female clients.[9]

[8] Appendix Table A9 shows that this is confirmed even when we condition on planners answering positively to the statement that "clients usually know what is best for their own financial situation".

[9] In Appendix Table A10 we show that this result is not driven by the planner's gender. We also find that female planners are less likely than male planners to recommend repaying outstanding debt.

Table 4: Recommendation when optimal (t-tests)

	Optimal	Not optimal	Diff.
A. Savings Vignette			
Recommend RRSP	0.7229	0.2237	0.4993***
	711	1,377	
Recommend TFSA	0.4918	0.1131	0.3787***
	612	1,476	
Recommend Debt	0.6193	0.3156	0.3037***
	415	1,673	
B. Investment Vignette			
Recommend MF	0.1923	0.0744	0.1179***
	1,846	242	

Note: This table presents a series of t-tests comparing how often a product is recommended when it is optimal or not for the client. ***, **, and * represent significance at the 1, 5 and 10 percent level, respectively.

Table A8 shows that these results are robust to a range of control variables. In addition to planners' gender, their age, years of work experience, and risk aversion also has an effect on their advice. While older planners are less likely to recommend contributions to a TSFA and more likely to recommend investing in the universal life insurance or the repayment of outstanding debt, an additional year of work experience decreases the likelihood to recommend investing in the universal life insurance by 0.1 percentage points. More risk averse planners on the other hand are less likely to recommend a contribution to an RRSP and more likely to advise their client to repay outstanding debt first. This provides evidence that even when conditions are randomized across vignettes, planner characteristics can still explain client recommendations.

The results suggest that planners optimally advise their clients between potential contributions to RRSPs and TFSAs, and debt repayment. To more precisely identify optimal recommendations in this context, we compute and compare the future values for the options to invest in an RRSP, to invest in a TSFA, and to repay the outstanding debt in all possible combinations of realizations of the randomized APR and MTR. We define a recommendation (RRSP, TFSA, repaying debt) as optimal, when it has the highest future value out of the three options. For these calculations, we assume that all contributions are made for a 25 year horizon, and we use the planners' expectations on stock market returns elicited in the survey. Hence, the respective future values are calculated

as follows.

$$RRSP = 5000 * (1 + \text{stockmkt expectation})^{25} * (1 - \text{MTR in retirement (fixed at 0.4)})$$

$$TFSA = 5000 * (1 - \text{MTR when working (randomized)}) * (1 + \text{stockmkt expectation})^{25}$$

$$DEBT = 5000 * (1 - \text{MTR when working (randomized)}) * (1 + \text{APR (randomized)})^{25}$$

Panel A. of Table 4 shows that planners are 50 percentage points, 38 percentage points, and 30 percentage points more likely to recommend investing in an RRSP, investing in a TFSA, and repaying outstanding debt, respectively, when the respective option is the optimal choice. This provides strong evidence that planners respond to the randomizations in a way that is consistent with economic theory. It also suggests that planners are paying attention to the vignette presented in the survey and responding to the best of their knowledge.

Table 5 shows how product familiarity affects planners' recommendations to clients. We find a 1 percentage point higher likelihood of planners to recommend investing in the universal life insurance when they own this product themselves. The effect is, however, only statistically significant on the 10% level. Finally, financial planners who hold debt themselves (which is the case for 75% of FPs in our sample) are 12 percentage points less likely to recommend repaying debt to clients. We conclude from this that financial planners believe that having personal debt is not inconsistent with investing. Table A30 shows that adding controls does not significantly impact our conclusions on product familiarity.

4.2 Decumulation (longevity risk) vignette

Our baseline results for the decumulation scenario are reported in Table 6. As predicted by economic theory, planners are less likely to recommend partial or full annuitization (5 percentage points and 7 percentage points, respectively) to clients with a bequest motive (determined by their family status) than to clients without bequest motive. Similarly, planners are more likely to recommend the purchase of mutual funds (6 percentage points) or segregated funds (6-7 percentage points) to clients with heirs. In line with optimal choice from economic theory, our baseline model predicts that planners are also 11 percentage points more likely to recommend segregated funds to clients in poor health (relative to clients in excellent health). Similarly, planners are 14 percentage

Table 5: Savings vignette - Product Familiarity
(Average partial effects from a multinomial logit estimation)

	Products Owned				Products Spouse				Products Licenced			
	RRSP	TFSA	UL	Repay Debt	RRSP	TFSA	UL	Repay Debt	RRSP	TFSA	UL	Repay Debt
Products												
RRSP	0.02	0.01	-0.00	-0.03								
	(0.03)	(0.03)	(0.00)	(0.03)								
TFSA	-0.02	0.02	0.01**	-0.01								
	(0.03)	(0.02)	(0.00)	(0.03)								
Universal life insurance	0.02	-0.00	0.01*	-0.03	0.02	0.00	0.01	-0.03	0.01	-0.01	-0.00	-0.00
	(0.02)	(0.02)	(0.00)	(0.02)	(0.02)	(0.02)	(0.00)	(0.02)	(0.02)	(0.02)	(0.00)	(0.02)
Debt	0.06***	0.05***	0.00	-0.12***								
	(0.02)	(0.02)	(0.00)	(0.02)								
Random. controls?	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
R^2	0.283	0.283	0.283	0.283	0.274	0.274	0.274	0.274	0.274	0.274	0.274	0.274
Wald test	0.000	0.000	0.000	0.000	0.194	0.194	0.194	0.194	0.798	0.798	0.798	0.798
Observations	2,088	2,088	2,088	2,088	1,712	1,712	1,712	1,712	2,088	2,088	2,088	2,088

Note: This table presents average partial effects calculated using equation (4) following a multinomial logit estimation for which the dependent variable is a categorical variable representing the respondent's answer to the vignette. We measure product familiarity using the respondent's answer to questions on ownership, spouse's ownership, and license to sell the different products. When a variable is not measured in our survey, we omit it from the estimation. We include all randomized parameters as controls, following Table 3. We report the p-value of a Wald test of joint significance of the familiarity variables. Standard errors are calculated using the Huber/White/sandwich estimator. ***, **, and * represent significance at the 1, 5 and 10 percent level, respectively.

points less likely to recommend partial annuities to clients in poor health. This is intuitive since a poor health status typically leads to a shorter life-span, which decreases the present value of an annuity and makes segregated funds with death benefit guarantees more attractive. Although the effect is much smaller in magnitude, planners do have a higher propensity to recommend full annuitization to clients in poor health. This highlights that although planners' recommendations are often in-line with what one would expect from economic theory, there are some puzzling exceptions.

All aforementioned results in this scenario are robust to a range of control variables (Table A12). Contrary to optimal choice, planners are less likely to recommend mutual funds when these have a higher rate of return, regardless of whether the model controls for other characteristics or not. This result is surprising at first glance but could be explained as follows. The vignette only states the expected return of the mutual funds without specifying the risk. Since high expected returns are usually associated with higher risks, planners may take this into account when they make their recommendation and therefore consider the product too risky for the client. The randomized payout of segregated funds does not seem to affect planners' recommendation for or against segregated funds.

In order to investigate the role of planner compensation on recommendations, the decumulation vignette also contains a random sentence stating that the investment sale of mutual funds contributes towards the planner's compensation. This compensation is relevant for the option to

Table 6: Decumulation vignette - Effect of randomization
(Average partial effects from a multinomial logit estimation)

	MF	Seg fund	Part. Annuity	Full Annuity
Bequest motive? (*None* is omitted)				
Yes	0.06***	0.07***	-0.05**	-0.07***
	(0.02)	(0.02)	(0.02)	(0.01)
Health status (Excellent omitted)				
Average	0.01	-0.00	-0.03	0.02
	(0.02)	(0.02)	(0.03)	(0.02)
Poor	-0.01	0.11***	-0.14***	0.03**
	(0.02)	(0.02)	(0.03)	(0.01)
Rate on Mutual Funds returns (4% omitted)				
6%	0.02	-0.03	0.01	-0.00
	(0.02)	(0.02)	(0.03)	(0.01)
10%	-0.06***	0.04*	0.01	0.01
	(0.02)	(0.02)	(0.03)	(0.01)
Payout on Seg funds (15,750$ omitted)				
14,000$	0.01	-0.02	-0.01	0.02
	(0.02)	(0.02)	(0.02)	(0.01)
Female client	-0.04**	0.03*	0.01	0.00
	(0.02)	(0.02)	(0.02)	(0.01)
Solicit MF	0.01	-0.01	-0.01	0.01
	(0.02)	(0.02)	(0.02)	(0.01)
MF compensated	-0.08***	0.04**	-0.02	0.06***
	(0.02)	(0.02)	(0.02)	(0.01)
Ordering	0.02	0.04***	-0.08***	0.02*
	(0.02)	(0.02)	(0.02)	(0.01)
R-squared	0.04	0.04	0.04	0.04
Observations	2,088	2,088	2,088	2,088

Note: This table presents average partial effects calculated using equation (4) following a multinomial logit estimation for which the dependent variable is a categorical variable representing the respondent's answer to the vignette. We include the vignette's randomized parameters as dependent variables, as well an ordering dummy variable equal to one for the second scenario presented to respondents. Standard errors are calculated using the Huber/White/sandwich estimator. ***, **, and * represent significance at the 1, 5 and 10 percent level, respectively.

recommend the exclusive purchase of mutual funds, as well as for the option to recommend partial annuitization and the investment of the remaining wealth into mutual funds. Interestingly, our baseline model predicts that compensation based on mutual fund purchases is associated with a lower likelihood to recommend the purchase of mutual funds exclusively, but with a higher likelihood of recommending partial annuitization – where the remaining wealth is invested into mutual funds – as well as full annuitization (Table 6). Controlling for other factors, the positive

Table 7: Decumulation vignette - Product Familiarity
(Average partial effects from a multinomial logit estimation)

	Products Owned				Products Spouse				Products Licenced			
	MF	Segfund	Partial An.	Full An.	MF	Segfund	Partial An.	Full An.	MF	Segfund	Partial An.	Full An.
Products												
Mutual funds	0.05*	0.02	-0.06*	-0.01	-0.02	0.03	-0.01	-0.00	0.13***	-0.07***	-0.05*	-0.01
	(0.03)	(0.02)	(0.03)	(0.02)	(0.03)	(0.02)	(0.03)	(0.02)	(0.02)	(0.02)	(0.02)	(0.01)
Segregated funds	-0.14***	0.13***	0.02	-0.00	-0.17***	0.14***	0.03	-0.00	-0.05	0.16***	-0.14**	0.02
	(0.03)	(0.02)	(0.03)	(0.01)	(0.04)	(0.02)	(0.03)	(0.02)	(0.05)	(0.04)	(0.06)	(0.03)
Annuity	-0.18**	0.01	0.13**	0.03	-0.24**	-0.03	0.25***	0.02	-0.03	-0.04	0.15***	-0.07**
	(0.07)	(0.04)	(0.06)	(0.03)	(0.10)	(0.06)	(0.08)	(0.04)	(0.05)	(0.04)	(0.06)	(0.03)
Random. controls?	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
R^2	0.053	0.053	0.053	0.053	0.060	0.060	0.060	0.060	0.057	0.057	0.057	0.057
Wald test	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Observations	2,088	2,088	2,088	2,088	1,712	1,712	1,712	1,712	2,088	2,088	2,088	2,088

Note: This table presents average partial effects calculated using equation (4) following a multinomial logit estimation for which the dependent variable is a categorical variable representing the respondent's answer to the vignette. We measure product familiarity using the respondent's answer to questions on ownership, spouse's ownership, and license to sell the different products. When a variable is not measured in our survey, we omit it from the estimation. We include all randomized parameters as controls, following Table 6. We report the p-value of a Wald test of joint significance of the familiarity variables. Standard errors are calculated using the Huber/White/sandwich estimator. ***, **, and * represent significance at the 1, 5 and 10 percent level, respectively.

relationship between compensation based on mutual fund purchases and a recommendation for partial annuitization becomes insignificant. We find no significant effect of client involvement in the form of an explicit inquiry about mutual funds (Table A11). We do, however, find gender effects in the decumulation scenario. The participating planners are 4 percentage points less likely to recommend mutual funds to a female client than to a male client (Tables 6 and A13). Female planners, on the other hand, are less likely than their male counterparts to recommend partial annuitization to any client (Tables A13 and A12).

Table 7 reports our results related to familiarity bias (additional controls in Table A31). We find that planners who are familiar with segregated funds through any of the three channels (ownership, spousal ownership, license to sell) are between 8 to 16 percentage points more likely to recommend segregated funds to their clients than planners who are not familiar with these products. Similarly, planners who are familiar with annuities are between 13 and 34 percentage points more likely to recommend partial annuitization. Interestingly, the license to sell annuities is negatively associated to the recommendation of full annuitization. Planners with this license seem to recommend partial annuitization instead. Familiarity with mutual funds only significantly increases the likelihood of recommending the exclusive purchase of mutual funds for those planners who are licensed to sell the funds.

Table 8: Long-term care risk vignette - Effect of randomization
(Average partial effects from a multinomial logit estimation)

	Mortgage	MF	LTCI
Borrowing rate (1.5% omitted)			
2.5%	0.09***	-0.07***	-0.02
	(0.02)	(0.02)	(0.03)
3.5%	0.14***	-0.12***	-0.02
	(0.02)	(0.02)	(0.03)
Health status (Excellent omitted)			
Average	-0.01	-0.03	0.04*
	(0.02)	(0.02)	(0.03)
Poor	0.03*	-0.07***	0.03
	(0.02)	(0.03)	(0.03)
Rate on Mutual Funds returns (2% omitted)			
3%	-0.06***	0.08***	-0.02
	(0.02)	(0.03)	(0.03)
5%	-0.09***	0.18***	-0.09***
	(0.02)	(0.02)	(0.03)
Female client	-0.01	-0.02	0.02
	(0.02)	(0.02)	(0.02)
Solicit mortgage	0.01	0.02	-0.03
	(0.02)	(0.02)	(0.02)
Ordering	0.04**	0.04*	-0.08***
	(0.02)	(0.02)	(0.02)
R-squared	0.04	0.04	0.04
Observations	2,088	2,088	2,088

Note: This table presents average partial effects calculated using equation (4) following a multinomial logit estimation for which the dependent variable is a categorical variable representing the respondent's answer to the vignette. We include the vignette's randomized parameters as dependent variables, as well an ordering dummy variable equal to one for the second scenario presented to respondents. Standard errors are calculated using the Huber/White/sandwich estimator. ***, **, and * represent significance at the 1, 5 and 10 percent level, respectively.

4.3 Long-term care risk vignette

The results of the baseline model reported in Table 8 suggest that planners generally make optimal recommendations in the long-term care (LTC) risk scenario. Higher mortgage interest rates are associated with a higher propensity (9-14 percentage points) for planners to recommend paying off the mortgage first, and a lower likelihood (7-12 percentage points) of a recommendation to purchase mutual funds. Similarly, planners are less likely to recommend paying off the mortgage or purchasing LTC insurance and more likely to recommend mutual funds when mutual funds have a higher rate of return. A client with poor health status is less likely to receive a recom-

Table 9: Long-term care risk vignette - Product Familiarity
(Average partial effects from a multinomial logit estimation)

	Products Owned			Products Spouse			Products Licenced		
	Mortgage	MF	LTCI	Mortgage	MF	LTCI	Mortgage	MF	LTCI
Products									
Debt	-0.06***	0.03	0.03						
	(0.02)	(0.02)	(0.02)						
Real estate	0.05***	-0.04*	-0.01	0.01	-0.00	-0.01			
	(0.02)	(0.02)	(0.03)	(0.02)	(0.03)	(0.03)			
Mutual funds	-0.02	-0.03	0.05*	-0.01	-0.05*	0.06*	-0.05***	0.06**	-0.00
	(0.02)	(0.03)	(0.03)	(0.02)	(0.03)	(0.03)	(0.02)	(0.02)	(0.02)
Long-term care insurance	-0.02	-0.02	0.04	-0.01	-0.01	0.02	-0.02	-0.08***	0.10***
	(0.02)	(0.03)	(0.03)	(0.03)	(0.04)	(0.05)	(0.02)	(0.02)	(0.02)
Random. controls?	YES	YES	YES	YES	YES	YES	YES	YES	YES
R^2	0.044	0.044	0.044	0.038	0.038	0.038	0.045	0.045	0.045
Wald test	0.002	0.002	0.002	0.651	0.651	0.651	0.000	0.000	0.000
Observations	2,088	2,088	2,088	1,712	1,712	1,712	2,088	2,088	2,088

Note: This table presents average partial effects calculated using equation (4) following a multinomial logit estimation for which the dependent variable is a categorical variable representing the respondent's answer to the vignette. We measure product familiarity using the respondent's answer to questions on ownership, spouse's ownership, and license to sell the different products. When a variable is not measured in our survey, we omit it from the estimation. We include all randomized parameters as controls, following Table 8. We report the p-value of a Wald test of joint significance of the familiarity variables. Standard errors are calculated using the Huber/White/sandwich estimator. ***, **, and * represent significance at the 1, 5 and 10 percent level, respectively.

mendation to purchase mutual funds than a client in excellent health. The effect of a poor health status in the recommendation for LTC insurance is, however, insignificant. These results from the randomization in the long-term care risk vignette are robust to a range of control variables (Table A14).

We find no significant effect of client involvement in the form of an explicit inquiry about the repayment of a mortgage (Table A15). We also find no general gender discrimination in the long-term care domain (Tables 8 and A16). Female planners, however, are less likely than their male counterparts to recommend the repayment of a mortgage and more likely to recommend mutual funds (Table A16).

Our survey allows us to analyze a range of additional planner characteristics. One interesting finding is that planners who are more impatient are more likely to recommend mutual funds and less likely to recommend LTC insurance to their clients.

A robust relationship between planners' product ownership (as a measure of product familiarity) and the recommendation in the long-term care risk scenario can be observed for real estate: planners who own real estate themselves are more likely to advise their clients to pay off their mortgage. Analogously to the findings in scenario 1, planners holding debt themselves are less likely to recommend repaying the mortgage (Tables 9 and A32). Planners' licenses seem to matter

Table 10: Investment vignette - Effect of randomization
(Average partial effects from a multinomial logit estimation)

	GIC	MF	Segfund	ETF
Mutual Fund fees (1% omitted)				
2%	0.00	-0.07***	0.01	0.06**
	(0.03)	(0.02)	(0.01)	(0.03)
3%	0.03	-0.16***	0.02**	0.10***
	(0.03)	(0.02)	(0.01)	(0.02)
Segfund fees (2% omitted)				
3%	-0.01	0.02	-0.02*	0.01
	(0.03)	(0.02)	(0.01)	(0.02)
4%	0.02	0.01	-0.03***	0.00
	(0.03)	(0.02)	(0.01)	(0.02)
Female client	-0.02	0.00	0.01	0.00
	(0.02)	(0.02)	(0.01)	(0.02)
Solicit ETF	-0.05**	-0.04**	-0.00	0.09***
	(0.02)	(0.02)	(0.01)	(0.02)
Ordering	-0.01	-0.02	0.01	0.02
	(0.02)	(0.02)	(0.01)	(0.02)
R-squared	0.02	0.02	0.02	0.02
Observations	2,088	2,088	2,088	2,088

Note: This table presents average partial effects calculated using equation (4) following a multinomial logit estimation for which the dependent variable is a categorical variable representing the respondent's answer to the vignette. We include the vignette's randomized parameters as dependent variables, as well an ordering dummy variable equal to one for the second scenario presented to respondents. Standard errors are calculated using the Huber/White/sandwich estimator. ***, **, and * represent significance at the 1, 5 and 10 percent level, respectively.

for their recommendations on other products in this scenario: planners who hold a license to sell mutual funds or LTC insurance are significantly more likely to recommend the respective product.

4.4 Investment vignette

Table 10 reports the baseline results for the randomization in the investment vignette. As in the previous scenarios, planners mostly recommend investment options in line with economic theory. Higher fees for mutual funds and segregated funds are associated with a lower propensity to recommend investing in the respective product. When mutual fund fees are higher, planners are more likely to recommend ETFs. These results hold even when we control for a range of planner characteristics (Table A17).

In this scenario, it would be misguided for planners to choose mutual funds when they are

associated with higher fees than segregated funds. We construct a variable identifying these cases as SegDomMut = 1 if segregated fund fees are weakly lower than mutual fund fees. We can define the cases when segregated funds (weakly) dominate mutual funds since segregated funds have additional options and guarantees, such as death benefits. We can, however, not define a case in which mutual funds dominate segregated funds, since we cannot measure the value of these options due to a lack of detail in our response options. Panel B. of Table 4 shows that planners are about 11.8 percentage points more likely to recommend mutual funds when they are not dominated by segregated funds. We confirm that planners are more likely to recommend segregated funds when their fees are lower or equal to the fees associated with mutual funds (see Table A20).

We do not find any evidence for gender discrimination in this scenario (Tables 10, A18, and A19). Female financial planners, however, are more likely to recommend mutual funds and less likely to recommend a GIC than their male counterparts. Planners' annual income, their work experience as well as their level of patience and risk aversion do not seem to affect their recommendations (Table A17). In the investment domain, client involvement has a significant effect on the planners' advice: when the client in the vignette inquires about the option to invest in ETFs, planners are 9 percentage points more likely to recommend the purchase of ETFs, and 4 and 5 percentage points less likely to recommend mutual funds and an index-linked 3-year GIC, respectively (Tables 10, A18, and A19). Our findings with respect to the role of client gender and client involvement also hold when we control for a range of planner characteristics (Table A17).

Table 11 reports the baseline effects with respect to familiarity biases for the investment vignette. It shows that financial planners are more likely to recommend purchasing mutual funds, segregated funds, and ETFs if they own the respective product themselves.

These results are robust to a range of control variables (Table A33). Interestingly, planners who own GICs and planners whose spouse owns a GIC are significantly more likely to recommend the purchase of mutual funds and less likely to recommend the purchase of a GIC, respectively. These effects do, however, become insignificant when we control for individual planner characteristics (Table A33). Tables 11 show that licenses have a big impact on planners' recommendations (see also Table A33). Even though the instructions in the vignettes ask respondents to assume that they have the necessary license(s) to sell any product or service, planners are more likely to recommend

Table 11: Investment vignette - Product Familiarity
(Average partial effects from a multinomial logit estimation)

	Products Owned				Products Spouse				Products Licenced			
	GIC	MF	Segfund	ETF	GIC	MF	Segfund	ETF	GIC	MF	Segfund	ETF
Products												
Index-linked GIC	-0.07	0.07**	-0.01	0.00	-0.11**	0.05	-0.03	0.10**	0.06**	-0.00	-0.01	-0.05**
	(0.05)	(0.03)	(0.02)	(0.04)	(0.06)	(0.04)	(0.03)	(0.05)	(0.02)	(0.02)	(0.01)	(0.02)
Mutual funds	-0.04	0.15***	-0.03***	-0.08***	0.06*	0.02	0.01	-0.08***	-0.01	0.14***	-0.03***	-0.10***
	(0.03)	(0.03)	(0.01)	(0.03)	(0.03)	(0.02)	(0.01)	(0.03)	(0.03)	(0.02)	(0.01)	(0.03)
Segregated funds	0.00	0.01	0.04***	-0.05*	-0.03	0.00	0.06***	-0.03	0.00	0.05***	0.05***	-0.10***
	(0.03)	(0.02)	(0.01)	(0.03)	(0.03)	(0.03)	(0.01)	(0.03)	(0.02)	(0.02)	(0.01)	(0.02)
Exchange-traded funds	0.08***	-0.17***	-0.03***	0.11***	0.08***	-0.17***	-0.03**	0.12***	-0.07**	-0.06***	-0.05***	0.18***
	(0.02)	(0.02)	(0.01)	(0.02)	(0.03)	(0.02)	(0.01)	(0.02)	(0.03)	(0.02)	(0.01)	(0.02)
Random. controls?	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
R^2	0.068	0.068	0.068	0.068	0.060	0.060	0.060	0.060	0.055	0.055	0.055	0.055
Wald test	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Observations	2,088	2,088	2,088	2,088	1,712	1,712	1,712	1,712	2,088	2,088	2,088	2,088

Note: This table presents average partial effects calculated using equation (4) following a multinomial logit estimation for which the dependent variable is a categorical variable representing the respondent's answer to the vignette. We measure product familiarity using the respondent's answer to questions on ownership, spouse's ownership, and license to sell the different products. When a variable is not measured in our survey, we omit it from the estimation. We include all randomized parameters as controls, following Table 10. We report the p-value of a Wald test of joint significance of the familiarity variables. Standard errors are calculated using the Huber/White/sandwich estimator. ***, **, and * represent significance at the 1, 5 and 10 percent level, respectively.

any of the four products (GIC, mutual funds, segregated funds, and ETFs) in the fictitious scenario when they actually hold the license to sell the respective product. Overall, our results suggest that planners are more likely to recommend investment products that they are more familiar with.

A good approach to identifying potential familiarity bias in the investment scenario, however, is to analyze whether financial planners who are familiar with mutual funds (according to the definition above) recommend mutual funds when they are (weakly) dominated by segregated funds. To this end, we split our sample into a sub-sample with observations for which the randomization in the investment vignette resulted in higher segregated fund fees than mutual fund fees, and a sub-sample for which mutual fund fees are higher or equal to segregated fund fees (i.e., a sub-sample in which mutual funds are weakly dominated by segregated funds). We also estimated our model based on those two sub-samples (see Table A21). We find that planners who own mutual funds themselves are still 16-17 percentage points more likely to recommend mutual funds than planners who do not own any, even when mutual funds are dominated by segregated funds. This result holds regardless of whether or not we control for individual planner characteristics. Planners who are licensed to sell mutual funds, however, are only more likely to recommend those when they are not dominated by segregated funds.

4.5 Propensity to recommend products across domains

In this subsection, we describe potential biases at the product level by pooling the answers to all relevant scenarios together. This analysis allows us to summarize the main findings across the different domains of vignettes presented to respondents. We analyze how often planners recommend a product when planners themselves are familiar with the product (according to the three definitions of familiarity), when their clients inquire about it, and when the scenario specifies that planners are compensated for the sale of the respective product.

We first explore the relationship between planners' familiarity with all products in our vignettes and their likelihood to recommend the respective product. To that end, we compare the propensity to recommend these products across familiarity groups in a series of t-tests: (1) planners who own the product themselves vs. planners who do not own the product; (2) planners whose spouse owns the product vs. planners whose spouse does not own the product; and (3) planners who are licensed to sell the product vs. planners who are not licensed to sell the product. Tables 12 reports the results.

We find that planners are significantly more likely to recommend universal life insurance, mutual funds, annuities, segregated funds, and ETFs when they own the respective product themselves. They also have a higher propensity to recommend repaying debt when they own real estate or hold debt themselves. We do not find a significant effect of ownership of RRSPs, TFSAs, LTC insurance, and GICs on the recommendation of these products. The biggest effect on recommendations comes from annuity ownership and ETF ownership. Owning these products increases the propensity to recommend them to clients by 12.5 and 12.3 percentage points, respectively (Table 12).

When the spouse of a planner owns an annuity, a segregated fund, an ETF, a universal life insurance policy, or a GIC, planners are more likely to recommend these products to their clients. The effects for the UL policies and GICs are, however, only significant on the 10% level. Again, the highest impact stems from annuity ownership. A planner with a spouse who owns an annuity is around 23 percentage points more likely to recommend this product to their client (Table 12).

Interestingly, the effect of holding the license to sell annuities on recommending such a product is insignificant. The same holds for universal life insurance policies and GICs. However, holding

Table 12: Recommending a product when familiar (t-tests)

	Owns it	Doesn't Own	Diff.
A. Recommending a product owned			
RRSP	0.3949	0.3907	0.0042
	1,484	604	
TFSA	0.2340	0.2062	0.0278
	1,346	742	
UL	0.0112	0.0031	0.0081**
	800	1,288	
Debt	0.2385	0.3314	-0.0930***
	3,120	1,056	
MF	0.2893	0.2331	0.0562***
	5,316	948	
Annuities	0.6324	0.5069	0.1254**
	68	2,020	
Seg fund	0.1976	0.0860	0.1116***
	840	3,336	
LTCI	0.5360	0.4902	0.0458
	250	1,838	
ILGIC	0.4141	0.4811	-0.0671
	128	1,960	
ETF	0.3761	0.2526	0.1234***
	952	1,136	
B. Recommending a product owned by the spouse			
UL	0.0115	0.0042	0.0072*
	524	1,188	
MF	0.2790	0.2830	-0.0040
	4,122	1,014	
Annuities	0.7391	0.5030	0.2361***
	46	1,666	
Seg fund	0.2172	0.0887	0.1285***
	548	2,876	
LTCI	0.5159	0.4924	0.0234
	126	1,586	
ILGIC	0.3929	0.4951	-0.1022*
	84	1,628	
ETF	0.3857	0.2587	0.1270***
	560	1,152	
C. Recommending a product licensed to sell			
UL	0.0049	0.0081	-0.0031
	1,220	868	
MF	0.3025	0.2174	0.0851***
	4,668	1,596	
Annuities	0.4966	0.5300	-0.0334
	1,188	900	
Seg fund	0.1358	0.0713	0.0645***
	2,408	1,768	
LTCI	0.5420	0.4446	0.0974***
	1,096	992	
ILGIC	0.4922	0.4623	0.0300
	1,028	1,060	
ETF	0.3654	0.2731	0.0923***
	810	1,278	

Note: This table presents a series of t-tests comparing how often a product is recommended when it is owned by the respondent, the spouse or the respondent is licensed to sell the product. ***, **, and * represent significance at the 1, 5 and 10 percent level, respectively.

a license to sell mutual funds, segregated funds, LTC insurance, or ETFs significantly increases the likelihood of recommending the respective product to clients (Table 12).

To test the relationship between compensation based on product sales and recommendation for these products, we pool the observations in which the planner recommends a product he could be compensated for in the fictional scenario; that is, we pool the observations where the planner recommends to invest in mutual funds exclusively or in partial annuitization and mutual funds. We conduct a t-test comparing how often a product is recommended when the respondent is financially compensated to do so (Table A22). We find that planners are about 10 percentage

points less likely to recommend a product when they are compensated for it. Because planners did not have financial incentives to act on this randomization in our experimental setting, this may represent a lower bound.

We also conduct a series of t-tests comparing across scenarios how often a product is recommended when it is solicited by the client. It confirms that - across all products considered for client involvement - an inquiry made by the client only has a significant impact on recommendation, when the solicited product is an ETF (Table A23).

We further explore whether financial planners are more likely to recommend products solicited by clients when they are familiar with these products. We find that product familiarity has a statistically significant impact on planners' recommendations of products solicited by their clients. When controlling for planner fixed effects, we find that FPs are about 5.1 percentage points more likely to recommend the product the client asks about when they own the product themselves (see Table A24). The propensity to recommend a product the client inquires about increases by about 5.8 percentage points when the planner's spouse owns this product (in comparison to no familiarity with the product). Finally, holding the license to sell a product increases the likelihood of recommending the respective product in the fictitious vignettes by up to 4.5 percentage points. Further controlling for scenario fixed effects, we still find an effect of product familiarity by ownership, spousal ownership, and licensing, on recommending a solicited product of about 2.0 percentage points, 2.4 percentage points, and 4.3 percentage points, respectively.

4.6 Heterogeneous effects

Our extensive survey allows us to analyze which planner characteristics drive familiarity biases. To that end, we define three binary variables that equal 1 if a planner recommends a product they are familiar with according to the respective definition of familiarity (ownership, spousal ownership, and licenses).[10] We compute marginal effects resulting from the respective logit regressions on these variables (Tables A25, A26 and A27). Our results suggest that female planners, planners with children, and very impatient planners have a higher propensity than their counterparts to recommend products that they own themselves (Table A25). Female planners and those who are

[10]For the recommendation to repay debt in scenario 1, we consider a planner to be familiar with debt if he or she holds debt themselves. For the recommendation to repay a mortgage in scenario 3, we consider a planner to be familiar with a mortgage if he or she holds debt themselves or owns real estate.

compensated primarily based on assets under management are more likely to recommend a product owned by their spouses than male planners and planners who are compensated with a salary (Table A26).

A financial planner's compensation mode also seems to matter for their decision to recommend products they are licensed to sell. Planners who receive a bonus based on sales on top of their salary, and those compensated primarily based on assets under management or primarily on commissions, have a higher propensity to recommend a product they are licensed to sell than their colleagues who are compensated exclusively by salary. Interestingly, Pl. fins (planners certified by IQPF) are on average between 13 and 16 percentage points more likely to recommend products they are licensed to sell than their colleagues at FP Canada. Finally, we asked respondents to indicate how they would assess their own financial advice compared to other financial planners'. We find that those planners who have less confidence in their own advice compared to others' are less likely to recommend products that they are licensed to sell than planners who assess their own advice as better than average.

We have also investigated heterogeneous effects with respect to compensation and client involvement and found that patience and real-life compensation may matter. Tables A34 and A35 in Appendix show the respective detailed results.

5 Conclusion

In many countries, there is a trend towards more responsibility for individuals regarding financial decision-making. Whether it is to save for retirement, decumulate saving into retirement, manage long-term risk or investing optimally, individuals have to make more frequently complex and integrated decisions regarding their finances. While financial advice is often argued to be a substitute for financial education, a necessary condition for that to be the case is that the quality of advice is high and that advisors are not biased in a way that harms clients; either because they sell products they know, because they want to please clients by recommending what clients inquire about, or because they are influenced by compensation or by other characteristics of clients such as gender.

We perform an artefactual field experiment to look specifically at the presence of such biases

Table 13: Summary of Results Across Biases and Domains

Domain/Bias	Familiarity	Involvement	Gender	Compensation
Savings	Undetected	Undetected	Detected	NA
Decumulation	Detected	Undetected	Detected	Detected
LTC risk	Detected	Undetected	Undetected	NA
Investment	Detected	Detected	Undetected	NA

in a group of highly skilled financial planners. Our experiment is centered on eliciting planner recommendations over different options for different client scenarios, which we call vignettes, related to retirement saving, annuities, long-term care risk, and investments decisions. We collaborated with the two major Canadian organizations (IQPF in Québec and FP Canada in all other provinces) and sent financial planners an invitation to participate in a survey. Given their certification, one could expect the quality of advice provided by these financial planners to be superior to that of other advisors, and therefore that the presence of biases goes undetected.

We summarize in Table 13 the findings we obtained for each type of biases we targeted in the different domains. Overall, we find that biases are frequent but vary across domains.

Our results are consistent with an emerging body of research on the quality of advice. For example, Foerster et al. (2017) analyze whether Canadian financial advisors tailor their clients' portfolios to client characteristics. They find that an advisor's own portfolio is a strong predictor for the allocation they chose for their clients' portfolios and that advisor fixed effects explain a large part of the variation in client portfolios, more so than client characteristics. Our setting allow us to unpack the effect of financial planner characteristics on recommendation.

Our results have potential implications for practitioners. For example, training of planners, even highly skilled ones, that raises awareness of familiarity bias might help lower its prevalence. The same could be said of biases related to gender of the client and client involvement. Biases related to compensation are more complicated to solve as they bring up the obvious potential trade-off between incentives and quality of advice. However, that apparent trade-off may be misguided, at least in the long-term as the willingness to pay for high quality advice from the demand side can create enormous value, both for society in general but also for advisors and shareholders.

References

BHATTACHARYA, U., A. HACKETHAL, S. KAESLER, B. LOOS, AND S. MEYER (2012): "Is unbiased financial advice to retail investors sufficient? Answers from a large field study," *The Review of Financial Studies*, 25, 975–1032.

BHATTACHARYA, U., A. KUMAR, S. VISARIA, AND J. ZHAO (2020): "Do women receive worse financial advice?" *Available at SSRN*.

BOYER, M. M., S. BOX-COUILLARD, AND P.-C. MICHAUD (2020a): "Demand for annuities: Price sensitivity, risk perceptions, and knowledge," *Journal of Economic Behavior & Organization*, 180, 883–902.

BOYER, M. M., P. D'ASTOUS, AND P.-C. MICHAUD (2022): "Tax-Preferred Savings Vehicles: Can Financial Education Improve Asset Location Decisions?" *Review of Economics and Statistics*, 104, 541–556.

BOYER, M. M., P. DE DONDER, C. FLUET, M.-L. LEROUX, AND P.-C. MICHAUD (2020b): "Long-term care insurance: Information frictions and selection," *American Economic Journal: Economic Policy*, 12, 134–69.

BUCHER-KOENEN, T., A. HACKETHAL, J. KOENEN, C. LAUDENBACH, AND A. WEBER (2020): "Gender differences in financial advice," *Available at SSRN 2572961*.

CHALMERS, J. AND J. REUTER (2020): "Is conflicted investment advice better than no advice?" *Journal of Financial Economics*, 138, 366–387.

DAVIDOFF, T., J. R. BROWN, AND P. A. DIAMOND (2005): "Annuities and individual welfare," *American Economic Review*, 95, 1573–1590.

EGAN, M., G. MATVOS, AND A. SERU (2019): "The market for financial adviser misconduct," *Journal of Political Economy*, 127, 233–295.

FOERSTER, S., J. T. LINNAINMAA, B. T. MELZER, AND A. PREVITERO (2017): "Retail financial advice: does one size fit all?" *The Journal of Finance*, 72, 1441–1482.

GIL-BAZO, J. AND P. RUIZ-VERDÚ (2009): "The relation between price and performance in the mutual fund industry," *The Journal of Finance*, 64, 2153–2183.

HACKETHAL, A., M. HALIASSOS, AND T. JAPPELLI (2012): "Financial advisors: A case of babysitters?" *Journal of Banking & Finance*, 36, 509–524.

HACKETHAL, A., C. LAUDENBACH, S. MEYER, AND A. WEBER (2018): "Client involvement in expert advice: Antibiotics in finance?" *SAFE Working Paper*.

HARRISON, G. W. AND J. A. LIST (2004): "Field experiments," *Journal of Economic literature*, 42, 1009–1055.

HOECHLE, D., S. RUENZI, N. SCHAUB, AND M. SCHMID (2017): "The impact of financial advice on trade performance and behavioral biases," *Review of Finance*, 21, 871–910.

——— (2018): "Financial advice and bank profits," *The Review of Financial Studies*, 31, 4447–4492.

INDERST, R. AND M. OTTAVIANI (2012): "Financial advice," *Journal of Economic Literature*, 50, 494–512.

KHORANA, A., H. SERVAES, AND P. TUFANO (2009): "Mutual fund fees around the world," *The Review of Financial Studies*, 22, 1279–1310.

LINNAINMAA, J. T., B. T. MELZER, AND A. PREVITERO (2021): "The misguided beliefs of financial advisors," *The Journal of Finance*, 76, 587–621.

MULLAINATHAN, S., M. NOETH, AND A. SCHOAR (2012): "The market for financial advice: An audit study," *National Bureau of Economic Research*.

TURNER, J. A. AND S. GIORDANO (2020): "AUM-Based compensation and financial advice," *The Journal of Retirement*, 8, 84–99.

YAARI, M. E. (1965): "Uncertain lifetime, life insurance, and the theory of the consumer," *The Review of Economic Studies*, 32, 137–150.

A Online Appendix: Additional Results

Table A1: Sample Representativeness

	FP Canada pop.	Survey sample	
	Mean (std. dev.)	Mean (std. dev.)	Difference (std. err.)
Characteristics			
Age	49.88	49.99	0.11
	(11.63)	(11.57)	(0.42)
Female	0.32	0.32	-0.00
			(0.02)
Work experience (years)	17.62	16.77	-0.86*
	(9.74)	(10.00)	(0.36)
Education			
High school or less	0.15	0.09	-0.06***
			(0.01)
College or some university	0.20	0.21	0.01
			(0.01)
Bachelor degree or more	0.63	0.70	0.07***
			(0.02)

Note: This table presents average differences between our sample of 804 financial planners certified by FP Canada, and the population of 19,846 financial planners certified by FP Canada. ***, **, and * represent significance at the 1, 5 and 10 percent level, respectively.

Table A2: Type of Work

	Share	N
Place of work		
Accounting Firm	1.82	19
Credit Union	5.17	54
Financial Planning Firm	31.03	324
Insurance Company	8.05	84
Bank	19.16	200
Educational Institution	0.67	7
Investment / Mutual Fund Company	8.72	91
Managing General Agency (MGA)	1.92	20
Self-employed	16.28	170
Currently not working	1.15	12
Other	4.41	46
Prefer not to say	1.63	17
Total	100.00	1,044
Area of FP		
Education planning	0.53	1,044
Estate planning	0.68	1,044
Insurance planning	0.53	1,044
Investment planning	0.79	1,044
Private banking	0.10	1,044
Responsible investing	0.26	1,044
Retirement planning	0.86	1,044
Small business planning	0.33	1,044
Succession planning	0.34	1,044
Tax planning	0.61	1,044
Services offered		
Advice on insurance	4.50	47
Advice on investments	13.41	140
Fin. plan. (without implementation)	14.66	153
Fin. plan. including implementation (sales)	63.03	658
Don't know	0.38	4
Prefer not to say	4.02	42
Total	100.00	1,044
Consult with or refer clients to other experts		
Frequently	46.93	490
Occasionally	38.51	402
Rarely	6.99	73
Very Rarely	3.45	36
Never	1.82	19
Don't know	0.29	3
Prefer not to say	2.01	21
Total	100.00	1,044

Note: This table presents the average, standard deviation, and number of observations for variables collected through the survey. IQPF is a dummy variable that indicates that the respondent has been contacted by IQPF, as opposed to FP Canada.

Table A3: Preferences, Expectations, and Self-Assessment

	Mean	Std. dev.	N
Risk aversion			
Substantial fin risks for substantial returns	18.58		194
Above average fin risks for above-average returns	50.00		522
Average fin risks for average returns	30.08		314
Below average fin risks for below-average returns	1.25		13
No risk for small but certain return	0.10		1
Total	100.00		1,044
Patience in financial decisions			
Very patient	32.38		338
Patient	61.49		642
Impatient	3.54		37
Very impatient	0.67		7
Don't know	0.96		10
Prefer not to say	0.96		10
Total	100.00		1,044
Expected stock market return			
Expected return of Canadian stock market	8.04	33.44	891
Confidence in expected stock market returns			
Extremely confident	8.43		88
Very confident	20.59		215
Somewhat confident	44.44		464
Not very confident	11.49		120
Not at all confident	6.32		66
Don't know	5.46		57
Prefer not to say	3.26		34
Total	100.00		1,044
Probability of returns over next 12 months			
more than 40%	1.63		1,044
between 30% and 40%	2.01		1,044
between 20% and 30%	6.25		1,044
between 10% and 20%	19.93		1,044
between 0% and 10%	46.02		1,044
between -10% and 0%	14.77		1,044
between -20% and -10%	5.39		1,044
between -30% and -20%	2.17		1,044
less than -40%	0.70		1,044
Self-assessment			
It is better than average	57.38		599
It is about the same	26.82		280
It is worse than the average	0.48		5
Don't know	12.45		130
Prefer not to say	2.87		30
Total	100.00		1,044
Self-confidence			
Yes, very much	16.57		173
Yes, I have some confidence	50.00		522
No, I have no confidence at all	13.03		136
Don't know	16.19		169
Prefer not to say	4.21		44
Total	100.00		1,044

Note: This table presents summary statistics of variables collected through the survey. For continuous variables, we show the mean and standard deviation, and for binary variables we show the share. Patience is elicited with the question "Please evaluate your patience when it comes to making financial decisions for yourself or your household." Risk aversion is elicited with the question "Which of the following statements comes closest to describing the amount of financial risk that you are willing to take when you save or make investments?" Self-assessment is measured with the question "Please indicate how you would assess your own financial advice compared to other financial planners.". Self-confidence is measured with the question "When considering your own investments in the next three months, do you have confidence in beating the market as a whole?"

Table A4: Adherence to Social Norms

	Share	N
Parents should set aside money for children once they die		
Don't know	4.98	52
Strongly Disagree	23.75	248
Disagree	50.38	526
Agree	15.80	165
Strongly Agree	5.08	53
Total	100.00	1,044
Children should inherit their parents' family home		
Don't know	15.52	162
Strongly Disagree	13.98	146
Disagree	45.88	479
Agree	21.26	222
Strongly Agree	3.35	35
Total	100.00	1,044
A houseshould only be sold in case of financial hardship		
Don't know	5.17	54
Strongly Disagree	13.89	145
Disagree	47.61	497
Agree	25.86	270
Strongly Agree	7.47	78
Total	100.00	1,044
Being in debt is never a good thing		
Don't know	2.01	21
Strongly Disagree	20.79	217
Disagree	57.57	601
Agree	14.27	149
Strongly Agree	5.36	56
Total	100.00	1,044
I prefer to live well but for fewer years		
Don't know	8.14	85
Strongly Disagree	10.92	114
Disagree	38.89	406
Agree	34.29	358
Strongly Agree	7.76	81
Total	100.00	1,044
Not investing in shares is a huge mistake for investors		
Don't know	5.84	61
Strongly Disagree	5.17	54
Disagree	28.83	301
Agree	40.33	421
Strongly Agree	19.83	207
Total	100.00	1,044
Clients have a good idea of optimal financial strategies		
Don't know	1.44	15
Strongly Disagree	43.30	452
Disagree	46.07	481
Agree	7.76	81
Strongly Agree	1.44	15
Total	100.00	1,044

Note: This table presents the average and number of observations for variables collected through the survey. We asked respondents to "Please indicate to what degree you agree with each of the following statements."

Table A5: Behavioral Characteristics

	Share	N
Extraverted, enthusiastic		
Don't know	0.38	4
Disagree strongly	5.84	61
Disagree moderately	10.63	111
Disagree a little	10.92	114
Neither agree nor disagree	9.20	96
Agree a little	15.71	164
Agree moderately	22.03	230
Agree strongly	25.29	264
Total	100.00	1,044
Critical, quarrelsome		
Don't know	0.86	9
Disagree strongly	29.79	311
Disagree moderately	20.31	212
Disagree a little	12.07	126
Neither agree nor disagree	9.58	100
Agree a little	15.71	164
Agree moderately	8.62	90
Agree strongly	3.07	32
Total	100.00	1,044
Dependable, self-disciplined		
Don't know	0.19	2
Disagree strongly	1.05	11
Disagree moderately	0.38	4
Disagree a little	0.77	8
Neither agree nor disagree	1.53	16
Agree a little	7.66	80
Agree moderately	18.68	195
Agree strongly	69.73	728
Total	100.00	1,044
Anxious, easily upset		
Don't know	0.38	4
Disagree strongly	28.83	301
Disagree moderately	25.67	268
Disagree a little	15.61	163
Neither agree nor disagree	10.92	114
Agree a little	12.55	131
Agree moderately	4.50	47
Agree strongly	1.53	16
Total	100.00	1,044
Open to new experiences, complex		
Don't know	0.29	3
Disagree strongly	0.86	9
Disagree moderately	1.82	19
Disagree a little	3.16	33
Neither agree nor disagree	5.08	53
Agree a little	16.95	177
Agree moderately	32.57	340
Agree strongly	39.27	410
Total	100.00	1,044

Note: This table presents the average and number of observations for variables collected through the survey. We asked respondents to "Please indicate to what degree you agree with each of the following statements."

Table A6: Behavioral Characteristics (continued)

	Share	N
Reserved, quiet		
Don't know	0.19	2
Disagree strongly	10.34	108
Disagree moderately	13.12	137
Disagree a little	13.79	144
Neither agree nor disagree	10.63	111
Agree a little	22.80	238
Agree moderately	14.94	156
Agree strongly	14.18	148
Total	100.00	1,044
Sympathetic, warm		
Don't know	0.19	2
Disagree strongly	0.48	5
Disagree moderately	1.15	12
Disagree a little	2.78	29
Neither agree nor disagree	6.70	70
Agree a little	13.12	137
Agree moderately	28.26	295
Agree strongly	47.32	494
Total	100.00	1,044
Disorganized, careless		
Don't know	0.10	1
Disagree strongly	56.32	588
Disagree moderately	20.02	209
Disagree a little	11.11	116
Neither agree nor disagree	6.03	63
Agree a little	5.56	58
Agree moderately	0.57	6
Agree strongly	0.29	3
Total	100.00	1,044
Calm, emotionally stable		
Don't know	0.29	3
Disagree strongly	0.48	5
Disagree moderately	0.67	7
Disagree a little	3.16	33
Neither agree nor disagree	4.98	52
Agree a little	13.41	140
Agree moderately	30.08	314
Agree strongly	46.93	490
Total	100.00	1,044
Conventional, uncreative		
Don't know	0.57	6
Disagree strongly	17.34	181
Disagree moderately	22.80	238
Disagree a little	21.36	223
Neither agree nor disagree	13.31	139
Agree a little	14.56	152
Agree moderately	7.85	82
Agree strongly	2.20	23
Total	100.00	1,044

Note: This table presents the average and number of observations for variables collected through the survey. We asked respondents to "Please indicate to what degree you agree with each of the following statements."

Table A7: Frequency of Answers to the Vignettes

	Share	N
Savings vignette		
(first scenario)		
RRSP	40.33	421
TFSA	21.26	222
UL	0.48	5
Repay debt	37.93	396
Total	100.00	1,044
(second scenario)		
RRSP	38.41	401
TFSA	23.56	246
UL	0.77	8
Repay debt	37.26	389
Total	100.00	1,044
Decumulation vignette		
(first scenario)		
Diversified MF with RATE and COMP	29.89	312
Partial $10,000 life annuity with payout NAME	47.13	492
Seg funds with PAYOUT	16.09	168
All life annuity with payout NAME	6.90	72
Total	100.00	1,044
(second scenario)		
Diversified MF with RATE and COMP	31.61	330
Partial $10,000 life annuity with payout NAME	39.18	409
Seg funds with PAYOUT	20.21	211
All life annuity with payout NAME	9.00	94
Total	100.00	1,044
Long-term care vignette		
(first scenario)		
Payoff mortgage	12.84	134
Invest in funds at expected RATE	33.72	352
LTCI at cost NAME	53.45	558
Total	100.00	1,044
(second scenario)		
Payoff mortgage	16.76	175
Invest in funds at expected RATE	37.55	392
LTCI at cost NAME	45.69	477
Total	100.00	1,044
Investment vignette		
(first scenario)		
Index-Linked GIC	48.18	503
Mutual Fund of MUTFEES	18.68	195
Seg. Funds of SEGFEES	3.16	33
ETF	29.98	313
Total	100.00	1,044
(second scenario)		
Index-Linked GIC	47.22	493
Mutual Fund of MUTFEES	17.05	178
Seg. Funds of SEGFEES	3.93	41
ETF	31.80	332
Total	100.00	1,044

Note: The table presents the share and frequency of the responses to the vignettes presented to respondents.

Table A8: Savings vignette - Robustness to specifications
(Average partial effects from a multinomial logit estimation)

	RRSP				TFSA				UL				Debt			
MTR when working (30% omitted)																
50%	0.423***	0.423***	0.428***	0.428***	-0.277***	-0.278***	-0.280***	-0.278***	-0.001	0.000	-0.002	-0.002	-0.145***	-0.144***	-0.147***	-0.147***
	(0.01)	(0.01)	(0.01)	(0.01)	(0.01)	(0.01)	(0.01)	(0.01)	(0.00)	(0.00)	(0.00)	(0.00)	(0.02)	(0.02)	(0.02)	(0.02)
APR on debt (2.5% omitted)																
5%	-0.137***	-0.137***	-0.137***	-0.137***	-0.136***	-0.137***	-0.141***	-0.142***	-0.003	-0.004	-0.006	-0.003	0.277***	0.278***	0.284***	0.282***
	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.00)	(0.00)	(0.01)	(0.00)	(0.02)	(0.02)	(0.02)	(0.02)
7.5%	-0.206***	-0.207***	-0.205***	-0.206***	-0.252***	-0.253***	-0.259***	-0.260***	-0.003	-0.004	-0.007	-0.005*	0.462***	0.464***	0.471***	0.471***
	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.00)	(0.00)	(0.01)	(0.00)	(0.02)	(0.02)	(0.02)	(0.02)
Female client	-0.005	-0.001	-0.006	-0.005	0.017	0.015	0.014	0.014	-0.011**	-0.010*	-0.007	-0.005	-0.001	-0.003	-0.001	-0.004
	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.01)	(0.01)	(0.01)	(0.00)	(0.02)	(0.02)	(0.02)	(0.02)
Solicit UL	-0.034**	-0.031*	-0.025	-0.026	0.016	0.012	0.012	0.013	0.001	0.001	-0.004	-0.003	0.017	0.019	0.016	0.015
	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.00)	(0.00)	(0.01)	(0.00)	(0.02)	(0.02)	(0.02)	(0.02)
Ordering	-0.026	-0.028	-0.035**	-0.034**	0.022	0.023	0.024	0.024	0.003	0.003	0.004	0.003	0.001	0.001	0.007	0.008
	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.00)	(0.00)	(0.00)	(0.00)	(0.02)	(0.02)	(0.02)	(0.02)
Age	-0.001	-0.001	-0.002	-0.002	-0.002***	-0.002**	-0.002	-0.002*	0.000	0.000*	0.001**	0.001***	0.003***	0.002***	0.003**	0.002*
	(0.00)	(0.00)	(0.00)	(0.00)	(0.00)	(0.00)	(0.00)	(0.00)	(0.00)	(0.00)	(0.00)	(0.00)	(0.00)	(0.00)	(0.00)	(0.00)
Female advisor	0.017	0.008	0.017	0.019	0.013	0.019	0.028	0.026	-0.001	-0.003	0.001	0.004	-0.028	-0.024	-0.046**	-0.049**
	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.00)	(0.00)	(0.00)	(0.00)	(0.02)	(0.02)	(0.02)	(0.02)
IQPF	0.045	0.064	0.073	0.069	-0.030	-0.011	-0.015	-0.013	-0.004	-0.005*	-0.053***	-0.049***	-0.011	-0.048	-0.005	-0.006
	(0.05)	(0.05)	(0.05)	(0.05)	(0.04)	(0.04)	(0.03)	(0.04)	(0.00)	(0.00)	(0.00)	(0.01)	(0.05)	(0.05)	(0.05)	(0.05)
Annual income		-0.000	-0.000	-0.000		-0.000	-0.000	-0.000		-0.000	0.000	0.000		0.000	0.000	0.000
		(0.00)	(0.00)	(0.00)		(0.00)	(0.00)	(0.00)		(0.00)	(0.00)	(0.00)		(0.00)	(0.00)	(0.00)
Debt		0.000	0.000	0.000		0.000*	0.000**	0.000**		-0.000	-0.000	-0.000		-0.000**	-0.000*	-0.000*
		(0.00)	(0.00)	(0.00)		(0.00)	(0.00)	(0.00)		(0.00)	(0.00)	(0.00)		(0.00)	(0.00)	(0.00)
Work exp. (years)			0.001	0.001			0.000	0.000			-0.001*	-0.001***			-0.001	-0.001
			(0.00)	(0.00)			(0.00)	(0.00)			(0.00)	(0.00)			(0.00)	(0.00)
impatient				0.030				0.031				-0.004				-0.056
				(0.04)				(0.04)				(0.00)				(0.05)
riskaverse				-0.038*				-0.013				0.004				0.046**
				(0.02)				(0.02)				(0.00)				(0.02)
Educ	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
Marital Status	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
Language	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
Province	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
Invest. accounts	NO	YES	YES	YES	NO	YES	YES	YES	NO	YES	YES	YES	NO	YES	YES	YES
Work characteristics	NO	NO	YES	YES	NO	NO	YES	YES	NO	NO	YES	YES	NO	NO	YES	YES
Self-assessment FEs	NO	NO	NO	YES	NO	NO	NO	YES	NO	NO	NO	YES	NO	NO	NO	YES
R^2	0.286	0.297	0.342	0.348	0.286	0.297	0.342	0.348	0.286	0.297	0.342	0.348	0.286	0.297	0.342	0.348
Observations	2,088	2,074	1,954	1,954	2,088	2,074	1,954	1,954	2,088	2,074	1,954	1,954	2,088	2,074	1,954	1,954

Note: This table presents average partial effects calculated using equation (4) following a multinomial logit estimation for which the dependent variable is a categorical variable representing the respondent's answer to the vignette. We include the vignette's randomized parameters and other variables collected in the survey are added subsequently in four different econometric specifications. Standard errors are calculated using the Huber/White/sandwich estimator. ***, **, and * represent significance at the 1, 5 and 10 percent level, respectively.

Table A9: Savings vignette - Client involvement
(Average partial effects from a multinomial logit estimation)

	RRSP	TFSA	UL	Debt
Solicit UL × Client knows best	0.089	-0.010	-0.003	-0.075
	(0.06)	(0.06)	(0.02)	(0.06)
Solicit UL	-0.037**	0.018	0.001	0.018
	(0.02)	(0.02)	(0.00)	(0.02)
Client knows best	0.037	-0.016	0.005	-0.026
	(0.03)	(0.03)	(0.01)	(0.03)
MTR when working (30% omitted)				
50%	0.424***	-0.279***	-0.001	-0.143***
	(0.01)	(0.01)	(0.00)	(0.02)
APR on debt (2.5% omitted)				
5%	-0.140***	-0.139***	-0.003	0.282***
	(0.02)	(0.02)	(0.00)	(0.02)
7.5%	-0.209***	-0.252***	-0.004	0.464***
	(0.02)	(0.02)	(0.00)	(0.02)
Female client	-0.003	0.014	-0.011*	-0.000
	(0.02)	(0.02)	(0.01)	(0.02)
Ordering	-0.024	0.020	0.003	0.001
	(0.02)	(0.02)	(0.00)	(0.02)
R-squared	0.27	0.27	0.27	0.27
Observations	2,088	2,088	2,088	2,088

Note: This table presents average partial effects calculated using equation (4) following a multinomial logit estimation for which the dependent variable is a categorical variable representing the respondent's answer to the vignette. "Client knows best" represents a dummy variable equal to 1 if the respondent answered Agree or Strongly agree to the statement: "Clients often have a good idea of their optimal financial planning strategies before speaking to a financial planner." To calculate the average partial effect of the interaction terms, we first compute the finite differences in probabilities for each category of the binary variables. We then report the difference of these values across categories of the dummy variable and report its significance. We include all randomized parameters as controls, following Table 3. Standard errors are calculated using the Huber/White/sandwich estimator. ***, **, and * represent significance at the 1, 5 and 10 percent level, respectively.

Table A10: Savings vignette - Gender effects
(Average partial effects from a multinomial logit estimation)

	RRSP	TFSA	UL	Debt
Female advisor × Female client	0.033	-0.036	0.005	-0.002
	(0.04)	(0.03)	(0.01)	(0.04)
Female advisor	0.023	0.011	-0.001	-0.033*
	(0.02)	(0.02)	(0.00)	(0.02)
Female client	-0.004	0.014	-0.009**	-0.002
	(0.02)	(0.02)	(0.00)	(0.02)
MTR when working (30% omitted)				
50%	0.424***	-0.279***	-0.001	-0.144***
	(0.01)	(0.01)	(0.00)	(0.02)
APR on debt (2.5% omitted)				
5%	-0.140***	-0.139***	-0.003	0.282***
	(0.02)	(0.02)	(0.00)	(0.02)
7.5%	-0.210***	-0.252***	-0.004	0.466***
	(0.02)	(0.02)	(0.00)	(0.02)
Solicit UL	-0.036**	0.018	0.001	0.018
	(0.02)	(0.02)	(0.00)	(0.02)
Ordering	-0.025	0.020	0.003	0.002
	(0.02)	(0.02)	(0.00)	(0.02)
R-squared	0.27	0.27	0.27	0.27
Observations	2,088	2,088	2,088	2,088

Note: This table presents average partial effects calculated using equation (4) following a multinomial logit estimation for which the dependent variable is a categorical variable representing the respondent's answer to the vignette. Female advisor is a dummy variable indicating that the repondent is a women, while female client is a dummy variable indicating that the client in the scenario is a women. To calculate the average partial effect of the interaction terms, we first compute the finite differences in probabilities for each category of the binary variables. We then report the difference of these values across categories of the dummy variable and report its significance. We include all randomized parameters as controls, following Table 3. Standard errors are calculated using the Huber/White/sandwich estimator. ***, **, and * represent significance at the 1, 5 and 10 percent level, respectively.

Table A11: Decumulation vignette - Client involvement
(Average partial effects from a multinomial logit estimation)

	MF	Segfund	Partial An.	Full An.
Solicit MF × Client knows best	-0.006	0.060	-0.078	0.023
	(0.07)	(0.06)	(0.07)	(0.05)
Solicit MF	0.007	-0.007	-0.008	0.008
	(0.02)	(0.02)	(0.02)	(0.01)
Client knows best	0.007	-0.014	-0.021	0.028
	(0.04)	(0.03)	(0.04)	(0.02)
Bequest motive? (*None* is omitted)				
Yes	0.056***	0.066***	-0.052**	-0.070***
	(0.02)	(0.02)	(0.02)	(0.01)
Health status (Excellent omitted)				
Average	0.014	-0.004	-0.028	0.018
	(0.02)	(0.02)	(0.03)	(0.02)
Poor	-0.010	0.111***	-0.135***	0.034**
	(0.02)	(0.02)	(0.03)	(0.01)
Rate on Mutual Funds returns (4% omitted)				
6%	0.024	-0.028	0.008	-0.004
	(0.02)	(0.02)	(0.03)	(0.01)
10%	-0.064***	0.035*	0.016	0.014
	(0.02)	(0.02)	(0.03)	(0.01)
Payout on Seg funds (15,750$ omitted)				
14,000$	0.005	-0.015	-0.009	0.019*
	(0.02)	(0.02)	(0.02)	(0.01)
Female client	-0.039**	0.031*	0.005	0.004
	(0.02)	(0.02)	(0.02)	(0.01)
MF compensated	-0.080***	0.039**	-0.021	0.062***
	(0.02)	(0.02)	(0.02)	(0.01)
Ordering	0.017	0.044***	-0.082***	0.020*
	(0.02)	(0.02)	(0.02)	(0.01)
R-squared	0.04	0.04	0.04	0.04
Observations	2,088	2,088	2,088	2,088

Note: This table presents average partial effects calculated using equation (4) following a multinomial logit estimation for which the dependent variable is a categorical variable representing the respondent's answer to the vignette. "Client knows best" represents a dummy variable equal to 1 if the respondent answered Agree or Strongly agree to the statement: "Clients often have a good idea of their optimal financial planning strategies before speaking to a financial planner." To calculate the average partial effect of the interaction terms, we first compute the finite differences in probabilities for each category of the binary variables. We then report the difference of these values across categories of the dummy variable and report its significance. We include all randomized parameters as controls, following Table 6. Standard errors are calculated using the Huber/White/sandwich estimator. ***, **, and * represent significance at the 1, 5 and 10 percent level, respectively.

Table A12: Decumulation vignette - Robustness to specifications
(Average partial effects from a multinomial logit estimation)

	MF				Seg fund				Part. Annuity				Full Annuity			
Bequest motive? (*None* is omitted)																
Yes	0.06***	0.06***	0.06***	0.06***	0.07***	0.07***	0.06***	0.06***	-0.05**	-0.05**	-0.05**	-0.05**	-0.07***	-0.07***	-0.07***	-0.07***
	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.01)	(0.01)	(0.01)	(0.01)
Health status (Excellent omitted)																
Average	0.01	0.01	0.01	0.01	-0.00	-0.01	-0.02	-0.02	-0.03	-0.03	-0.02	-0.02	0.02	0.02	0.02*	0.02
	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.03)	(0.03)	(0.03)	(0.03)	(0.02)	(0.01)	(0.01)	(0.01)
Poor	-0.01	-0.01	-0.01	-0.01	0.11***	0.11***	0.11***	0.11***	-0.14***	-0.14***	-0.13***	-0.13***	0.03**	0.04**	0.04**	0.04**
	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.03)	(0.03)	(0.03)	(0.03)	(0.01)	(0.01)	(0.01)	(0.01)
Rate on Mutual Funds returns (4% omitted)																
6%	0.03	0.02	0.02	0.02	-0.03	-0.03	-0.03	-0.03	0.01	0.00	0.01	0.01	-0.00	0.00	-0.01	-0.01
	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.03)	(0.03)	(0.03)	(0.03)	(0.01)	(0.01)	(0.01)	(0.01)
10%	-0.06***	-0.07***	-0.07***	-0.07***	0.04*	0.03*	0.04*	0.04*	0.02	0.02	0.02	0.02	0.01	0.02	0.01	0.01
	(0.02)	(0.02)	(0.03)	(0.03)	(0.02)	(0.02)	(0.02)	(0.02)	(0.03)	(0.03)	(0.03)	(0.03)	(0.01)	(0.01)	(0.01)	(0.01)
Payout on Seg funds (15,750$ omitted)																
14,000$	0.00	0.00	0.00	0.00	-0.01	-0.01	-0.02	-0.02	-0.01	-0.01	-0.00	-0.01	0.02	0.02*	0.02*	0.02**
	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.01)	(0.01)	(0.01)	(0.01)
Female client	-0.04*	-0.04*	-0.04**	-0.04*	0.03*	0.03*	0.03*	0.03*	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01
	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.01)	(0.01)	(0.01)	(0.01)
Solicit MF	0.01	0.01	0.00	0.00	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.00	-0.00	0.01	0.01	0.01	0.01
	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.01)	(0.01)	(0.01)	(0.01)
MF compensated	-0.08***	-0.08***	-0.08***	-0.08***	0.04**	0.04**	0.04**	0.04**	-0.02	-0.02	-0.02	-0.02	0.06***	0.06***	0.06***	0.06***
	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.01)	(0.01)	(0.01)	(0.01)
Ordering	0.02	0.02	0.02	0.02	0.04***	0.04***	0.04***	0.04***	-0.08***	-0.08***	-0.08***	-0.08***	0.02*	0.02	0.02	0.02
	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.01)	(0.01)	(0.01)	(0.01)
Age	-0.00	-0.00	-0.00	-0.00	0.00***	0.00***	0.00	0.00	-0.00	-0.00	-0.00	-0.00	-0.00	0.00	0.00*	0.00*
	(0.00)	(0.00)	(0.00)	(0.00)	(0.00)	(0.00)	(0.00)	(0.00)	(0.00)	(0.00)	(0.00)	(0.00)	(0.00)	(0.00)	(0.00)	(0.00)
Female advisor	0.02	0.02	0.03	0.04*	0.03	0.04*	0.04**	0.04**	-0.05**	-0.05**	-0.06***	-0.07***	0.01	-0.00	-0.01	-0.01
	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.01)	(0.01)	(0.01)	(0.01)
IQPF	-0.01	-0.01	-0.03	-0.03	-0.01	-0.00	0.01	0.00	-0.01	0.01	0.01	0.02	0.03	0.01	0.01	0.01
	(0.05)	(0.05)	(0.05)	(0.05)	(0.04)	(0.04)	(0.04)	(0.04)	(0.06)	(0.06)	(0.06)	(0.06)	(0.04)	(0.04)	(0.03)	(0.04)
Annual income		0.00**	0.00	0.00		-0.00	-0.00	-0.00		0.00	0.00	0.00		-0.00***	-0.00***	-0.00***
		(0.00)	(0.00)	(0.00)		(0.00)	(0.00)	(0.00)		(0.00)	(0.00)	(0.00)		(0.00)	(0.00)	(0.00)
Debt		-0.00	-0.00	-0.00		0.00	0.00	0.00		-0.00	0.00	0.00		0.00*	0.00*	0.00*
		(0.00)	(0.00)	(0.00)		(0.00)	(0.00)	(0.00)		(0.00)	(0.00)	(0.00)		(0.00)	(0.00)	(0.00)
Work exp. (years)			0.00	0.00			0.00	0.00			-0.00	-0.00			-0.00*	-0.00**
			(0.00)	(0.00)			(0.00)	(0.00)			(0.00)	(0.00)			(0.00)	(0.00)
impatient				0.09*				-0.12**				-0.01				0.04
				(0.05)				(0.05)				(0.06)				(0.03)
riskaverse				-0.03				0.01				0.01				0.01
				(0.02)				(0.02)				(0.03)				(0.01)
Educ	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
Marital Status	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
Language	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
Province	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
Invest. accounts	NO	YES	YES	YES	NO	YES	YES	YES	NO	YES	YES	YES	NO	YES	YES	YES
Work characteristics	NO	NO	YES	YES	NO	NO	YES	YES	NO	NO	YES	YES	NO	NO	YES	YES
Self-assessment FEs	NO	NO	NO	YES	NO	NO	NO	YES	NO	NO	NO	YES	NO	NO	NO	YES
R^2	0.046	0.058	0.095	0.099	0.046	0.058	0.095	0.099	0.046	0.058	0.095	0.099	0.046	0.058	0.095	0.099
Observations	2,088	2,074	1,954	1,954	2,088	2,074	1,954	1,954	2,088	2,074	1,954	1,954	2,088	2,074	1,954	1,954

Note: This table presents average partial effects calculated using equation (4) following a multinomial logit estimation for which the dependent variable is a categorical variable representing the respondent's answer to the vignette. We include the vignette's randomized parameters and other variables collected in the survey are added subsequently in four different econometric specifications. Standard errors are calculated using the Huber/White/sandwich estimator. ***, **, and * represent significance at the 1, 5 and 10 percent level, respectively.

Table A13: Decumulation vignette - Gender effects
(Average partial effects from a multinomial logit estimation)

	MF	Segfund	Partial An.	Full An.
Female advisor × Female client	-0.011	0.012	-0.044	0.044*
	(0.04)	(0.04)	(0.05)	(0.03)
Female advisor	0.019	0.028	-0.058**	0.011
	(0.02)	(0.02)	(0.02)	(0.01)
Female client	-0.039*	0.030*	0.004	0.005
	(0.02)	(0.02)	(0.02)	(0.01)
Bequest motive? (*None* is omitted)				
Yes	0.056***	0.066***	-0.051**	-0.072***
	(0.02)	(0.02)	(0.02)	(0.01)
Health status (Excellent omitted)				
Average	0.015	-0.004	-0.027	0.016
	(0.02)	(0.02)	(0.03)	(0.02)
Poor	-0.010	0.113***	-0.136***	0.034**
	(0.02)	(0.02)	(0.03)	(0.01)
Rate on Mutual Funds returns (4% omitted)				
6%	0.024	-0.028	0.008	-0.004
	(0.02)	(0.02)	(0.03)	(0.01)
10%	-0.065***	0.035*	0.015	0.014
	(0.02)	(0.02)	(0.03)	(0.01)
Payout on Seg funds (15,750$ omitted)				
14,000$	0.005	-0.015	-0.008	0.019
	(0.02)	(0.02)	(0.02)	(0.01)
Solicit MF	0.007	-0.007	-0.008	0.008
	(0.02)	(0.02)	(0.02)	(0.01)
MF compensated	-0.080***	0.038**	-0.020	0.062***
	(0.02)	(0.02)	(0.02)	(0.01)
Ordering	0.017	0.044***	-0.082***	0.020*
	(0.02)	(0.02)	(0.02)	(0.01)
R-squared	0.04	0.04	0.04	0.04
Observations	2,088	2,088	2,088	2,088

Note: This table presents average partial effects calculated using equation (4) following a multinomial logit estimation for which the dependent variable is a categorical variable representing the respondent's answer to the vignette. Female advisor is a dummy variable indicating that the repondent is a women, while female client is a dummy variable indicating that the client in the scenario is a women. To calculate the average partial effect of the interaction terms, we first compute the finite differences in probabilities for each category of the binary variables. We then report the difference of these values across categories of the dummy variable and report its significance. We include all randomized parameters as controls, following Table 6. Standard errors are calculated using the Huber/White/sandwich estimator. ***, **, and * represent significance at the 1, 5 and 10 percent level, respectively.

Table A14: Long-term care risk vignette - Robustness to specifications
(Average partial effects from a multinomial logit estimation)

	Mortgage				MF				LTCI			
Borrowing rate (1.5% omitted)												
2.5%	0.09***	0.09***	0.09***	0.09***	-0.07***	-0.07***	-0.08***	-0.08***	-0.02	-0.02	-0.01	-0.01
	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.03)	(0.03)	(0.03)	(0.03)
3.5%	0.14***	0.14***	0.13***	0.13***	-0.12***	-0.12***	-0.12***	-0.12***	-0.02	-0.02	-0.02	-0.01
	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)
Health status (Excellent omitted)												
Average	-0.01	-0.01	-0.00	-0.00	-0.03	-0.03	-0.03	-0.03	0.05*	0.04	0.04	0.04
	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)
Poor	0.03*	0.03*	0.04*	0.03*	-0.06***	-0.06***	-0.07***	-0.07***	0.03	0.03	0.03	0.03
	(0.02)	(0.02)	(0.02)	(0.02)	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)
Rate on Mutual Funds returns (2% omitted)												
3%	-0.06***	-0.06***	-0.05***	-0.05***	0.08***	0.08***	0.08***	0.08***	-0.02	-0.02	-0.03	-0.03
	(0.02)	(0.02)	(0.02)	(0.02)	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)
5%	-0.10***	-0.10***	-0.10***	-0.10***	0.19***	0.19***	0.18***	0.18***	-0.09***	-0.09***	-0.08***	-0.08***
	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.03)	(0.03)	(0.03)	(0.03)
Female client	-0.00	-0.01	-0.00	-0.00	-0.02	-0.01	-0.01	-0.01	0.02	0.02	0.01	0.01
	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)
Solicit mortgage	0.01	0.01	0.02	0.02	0.02	0.02	0.02	0.02	-0.03	-0.03	-0.03	-0.03
	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)
Ordering	0.04**	0.04***	0.04**	0.04***	0.04*	0.04*	0.04*	0.04*	-0.08***	-0.08***	-0.08***	-0.08***
	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)
Age	0.00***	0.00***	0.00	0.00	-0.00***	-0.00*	-0.00**	-0.00*	-0.00	-0.00	0.00	0.00
	(0.00)	(0.00)	(0.00)	(0.00)	(0.00)	(0.00)	(0.00)	(0.00)	(0.00)	(0.00)	(0.00)	(0.00)
Female advisor	-0.03*	-0.03*	-0.03**	-0.03**	0.04*	0.04	0.04*	0.05*	-0.01	-0.01	-0.01	-0.01
	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.03)	(0.03)
IQPF	-0.10***	-0.10***	-0.09**	-0.09**	0.08	0.11**	0.13**	0.13**	0.02	-0.01	-0.04	-0.04
	(0.03)	(0.03)	(0.04)	(0.04)	(0.05)	(0.05)	(0.06)	(0.06)	(0.06)	(0.06)	(0.06)	(0.06)
Annual income		0.00	-0.00	-0.00		-0.00	-0.00	-0.00		0.00	0.00	0.00
		(0.00)	(0.00)	(0.00)		(0.00)	(0.00)	(0.00)		(0.00)	(0.00)	(0.00)
Debt		-0.00**	-0.00	-0.00		0.00	0.00	0.00		0.00	-0.00	-0.00
		(0.00)	(0.00)	(0.00)		(0.00)	(0.00)	(0.00)		(0.00)	(0.00)	(0.00)
Work exp. (years)			0.00**	0.00**			0.00	0.00			-0.00**	-0.00**
			(0.00)	(0.00)			(0.00)	(0.00)			(0.00)	(0.00)
impatient				-0.01				0.11**				-0.10*
				(0.04)				(0.05)				(0.06)
riskaverse				0.01				0.01				-0.02
				(0.02)				(0.02)				(0.03)
Educ	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
Marital Status	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
Language	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
Province	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
Invest. accounts	NO	YES	YES	YES	NO	YES	YES	YES	NO	YES	YES	YES
Work characteristics	NO	NO	YES	YES	NO	NO	YES	YES	NO	NO	YES	YES
Self-assessment FEs	NO	NO	NO	YES	NO	NO	NO	YES	NO	NO	NO	YES
R^2	0.052	0.057	0.084	0.087	0.052	0.057	0.084	0.087	0.052	0.057	0.084	0.087
Observations	2,088	2,074	1,954	1,954	2,088	2,074	1,954	1,954	2,088	2,074	1,954	1,954

Note: This table presents average partial effects calculated using equation (4) following a multinomial logit estimation for which the dependent variable is a categorical variable representing the respondent's answer to the vignette. We include the vignette's randomized parameters and other variables collected in the survey are added subsequently in four different econometric specifications. Standard errors are calculated using the Huber/White/sandwich estimator. ***, **, and * represent significance at the 1, 5 and 10 percent level, respectively.

Table A15: Long-term care risk vignette - Client involvement
(Average partial effects from a multinomial logit estimation)

	Mortgage	MF	LTCI
Solicit Mortgage × Client knows best	0.024	-0.014	-0.011
	(0.05)	(0.07)	(0.07)
Solicit mortgage	0.009	0.022	-0.031
	(0.02)	(0.02)	(0.02)
Client knows best	-0.033	-0.045	0.078**
	(0.02)	(0.03)	(0.04)
Borrowing rate (1.5% omitted)			
2.5%	0.091***	-0.073***	-0.018
	(0.02)	(0.02)	(0.03)
3.5%	0.143***	-0.121***	-0.021
	(0.02)	(0.02)	(0.03)
Health status (Excellent omitted)			
Average	-0.011	-0.033	0.044*
	(0.02)	(0.02)	(0.03)
Poor	0.033*	-0.066***	0.033
	(0.02)	(0.03)	(0.03)
Rate on Mutual Funds returns (2% omitted)			
3%	-0.058***	0.078***	-0.020
	(0.02)	(0.03)	(0.03)
5%	-0.096***	0.184***	-0.089***
	(0.02)	(0.02)	(0.03)
Female client	-0.006	-0.016	0.022
	(0.02)	(0.02)	(0.02)
Ordering	0.037**	0.040*	-0.077***
	(0.02)	(0.02)	(0.02)
R-squared	0.04	0.04	0.04
Observations	2,088	2,088	2,088

Note: This table presents average partial effects calculated using equation (4) following a multinomial logit estimation for which the dependent variable is a categorical variable representing the respondent's answer to the vignette. "Client knows best" represents a dummy variable equal to 1 if the respondent answered Agree or Strongly agree to the statement: "Clients often have a good idea of their optimal financial planning strategies before speaking to a financial planner." To calculate the average partial effect of the interaction terms, we first compute the finite differences in probabilities for each category of the binary variables. We then report the difference of these values across categories of the dummy variable and report its significance. We include all randomized parameters as controls, following Table 8. Standard errors are calculated using the Huber/White/sandwich estimator. ***, **, and * represent significance at the 1, 5 and 10 percent level, respectively.

Table A16: Long-term care risk vignette - Gender effects
(Average partial effects from a multinomial logit estimation)

	Mortgage	MF	LTCI
Female advisor × Female client	0.046	-0.076*	0.030
	(0.03)	(0.04)	(0.05)
Female advisor	-0.035**	0.047**	-0.012
	(0.02)	(0.02)	(0.02)
Female client	-0.005	-0.017	0.022
	(0.02)	(0.02)	(0.02)
Borrowing rate (1.5% omitted)			
2.5%	0.091***	-0.073***	-0.019
	(0.02)	(0.02)	(0.03)
3.5%	0.143***	-0.122***	-0.022
	(0.02)	(0.02)	(0.03)
Health status (Excellent omitted)			
Average	-0.012	-0.032	0.044*
	(0.02)	(0.02)	(0.03)
Poor	0.034*	-0.065***	0.031
	(0.02)	(0.03)	(0.03)
Rate on Mutual Funds returns (2% omitted)			
3%	-0.057***	0.078***	-0.021
	(0.02)	(0.03)	(0.03)
5%	-0.095***	0.186***	-0.091***
	(0.02)	(0.02)	(0.03)
Solicit mortgage	0.010	0.021	-0.031
	(0.02)	(0.02)	(0.02)
Ordering	0.037**	0.040*	-0.077***
	(0.02)	(0.02)	(0.02)
R-squared	0.04	0.04	0.04
Observations	2,088	2,088	2,088

Note: This table presents average partial effects calculated using equation (4) following a multinomial logit estimation for which the dependent variable is a categorical variable representing the respondent's answer to the vignette. Female advisor is a dummy variable indicating that the repondent is a women, while female client is a dummy variable indicating that the client in the scenario is a women. To calculate the average partial effect of the interaction terms, we first compute the finite differences in probabilities for each category of the binary variables. We then report the difference of these values across categories of the dummy variable and report its significance. We include all randomized parameters as controls, following Table 8. Standard errors are calculated using the Huber/White/sandwich estimator. ***, **, and * represent significance at the 1, 5 and 10 percent level, respectively.

Table A17: Investment vignette - Robustness to specifications
(Average partial effects from a multinomial logit estimation)

	GIC				MF				Segfund				ETF			
Mutual Fund fees (1% omitted)																
2%	-0.00	-0.01	-0.00	-0.00	-0.06***	-0.06***	-0.06***	-0.06***	0.00	0.01	0.01	0.01	0.06**	0.06**	0.06**	0.05**
	(0.03)	(0.03)	(0.03)	(0.03)	(0.02)	(0.02)	(0.02)	(0.02)	(0.01)	(0.01)	(0.01)	(0.01)	(0.02)	(0.02)	(0.03)	(0.03)
3%	0.03	0.03	0.03	0.03	-0.16***	-0.16***	-0.15***	-0.16***	0.02**	0.02**	0.02**	0.02**	0.11***	0.11***	0.11***	0.10***
	(0.03)	(0.03)	(0.03)	(0.03)	(0.02)	(0.02)	(0.02)	(0.02)	(0.01)	(0.01)	(0.01)	(0.01)	(0.02)	(0.02)	(0.02)	(0.02)
Segfund fees (2% omitted)																
3%	-0.01	-0.02	-0.02	-0.02	0.02	0.02	0.02	0.02	-0.02*	-0.02*	-0.02	-0.02*	0.01	0.01	0.02	0.02
	(0.03)	(0.03)	(0.03)	(0.03)	(0.02)	(0.02)	(0.02)	(0.02)	(0.01)	(0.01)	(0.01)	(0.01)	(0.02)	(0.02)	(0.02)	(0.02)
4%	0.02	0.01	0.01	0.01	0.01	0.02	0.01	0.00	-0.03***	-0.03***	-0.03***	-0.03***	0.00	0.00	0.01	0.01
	(0.03)	(0.03)	(0.03)	(0.03)	(0.02)	(0.02)	(0.02)	(0.02)	(0.01)	(0.01)	(0.01)	(0.01)	(0.02)	(0.02)	(0.02)	(0.02)
Female client	-0.01	-0.01	-0.02	-0.02	-0.00	-0.00	-0.00	-0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.01)	(0.01)	(0.01)	(0.01)	(0.02)	(0.02)	(0.02)	(0.02)
Solicit ETF	-0.05**	-0.05**	-0.05**	-0.05**	-0.04**	-0.04**	-0.04**	-0.04**	-0.00	-0.00	-0.00	-0.00	0.09***	0.09***	0.09***	0.09***
	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.01)	(0.01)	(0.01)	(0.01)	(0.02)	(0.02)	(0.02)	(0.02)
Ordering	-0.01	-0.01	-0.01	-0.01	-0.02	-0.02	-0.02	-0.02	0.01	0.01	0.00	0.00	0.02	0.03	0.03	0.03
	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.01)	(0.01)	(0.01)	(0.01)	(0.02)	(0.02)	(0.02)	(0.02)
Age	-0.00***	-0.00***	-0.00**	-0.00*	0.00	0.00	0.00	0.00	0.00***	0.00***	0.00***	0.00**	-0.00	0.00	0.00	0.00
	(0.00)	(0.00)	(0.00)	(0.00)	(0.00)	(0.00)	(0.00)	(0.00)	(0.00)	(0.00)	(0.00)	(0.00)	(0.00)	(0.00)	(0.00)	(0.00)
Female advisor	-0.05**	-0.05**	-0.05**	-0.05*	0.05***	0.06***	0.07***	0.07***	0.01	0.01	0.01	0.01	-0.02	-0.02	-0.03	-0.03
	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.01)	(0.01)	(0.01)	(0.01)	(0.02)	(0.02)	(0.02)	(0.02)
IQPF	-0.19***	-0.20***	-0.23***	-0.24***	0.05	0.06	0.09*	0.08	-0.00	0.01	0.02	0.03	0.15***	0.13**	0.13**	0.13**
	(0.05)	(0.06)	(0.06)	(0.06)	(0.04)	(0.05)	(0.05)	(0.05)	(0.03)	(0.02)	(0.02)	(0.02)	(0.06)	(0.06)	(0.06)	(0.06)
Annual income		0.00	0.00	0.00		-0.00	-0.00	-0.00		0.00	0.00	0.00		0.00	-0.00	-0.00
		(0.00)	(0.00)	(0.00)		(0.00)	(0.00)	(0.00)		(0.00)	(0.00)	(0.00)		(0.00)	(0.00)	(0.00)
Debt		-0.00	-0.00	-0.00		-0.00	0.00	-0.00		0.00	0.00	0.00		0.00	0.00	0.00
		(0.00)	(0.00)	(0.00)		(0.00)	(0.00)	(0.00)		(0.00)	(0.00)	(0.00)		(0.00)	(0.00)	(0.00)
Work exp. (years)			0.00	0.00			-0.00	-0.00			0.00	0.00			-0.00	-0.00
			(0.00)	(0.00)			(0.00)	(0.00)			(0.00)	(0.00)			(0.00)	(0.00)
impatient				0.01				0.06				-0.02				-0.05
				(0.06)				(0.04)				(0.03)				(0.05)
riskaverse				-0.00				-0.02				0.01				0.01
				(0.03)				(0.02)				(0.01)				(0.02)
Educ	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
Marital Status	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
Language	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
Province	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
Invest. accounts	NO	YES	YES	YES	NO	YES	YES	YES	NO	YES	YES	YES	NO	YES	YES	YES
Work characteristics	NO	NO	YES	YES	NO	NO	YES	YES	NO	NO	YES	YES	NO	NO	YES	YES
Self-assessment FEs	NO	NO	NO	YES	NO	NO	NO	YES	NO	NO	NO	YES	NO	NO	NO	YES
R^2	0.062	0.070	0.108	0.114	0.062	0.070	0.108	0.114	0.062	0.070	0.108	0.114	0.062	0.070	0.108	0.114
Observations	2,088	2,074	1,954	1,954	2,088	2,074	1,954	1,954	2,088	2,074	1,954	1,954	2,088	2,074	1,954	1,954

Note: This table presents average partial effects calculated using equation (4) following a multinomial logit estimation for which the dependent variable is a categorical variable representing the respondent's answer to the vignette. We include the vignette's randomized parameters and other variables collected in the survey are added subsequently in four different econometric specifications. Standard errors are calculated using the Huber/White/sandwich estimator. ***, **, and * represent significance at the 1, 5 and 10 percent level, respectively.

Table A18: Investment vignette - Client involvement
(Average partial effects from a multinomial logit estimation)

	GIC	MF	Segfund	ETF
Solicit ETF × Client knows best	-0.118	0.041	-0.029	0.107
	(0.07)	(0.06)	(0.02)	(0.07)
Solicit ETF	-0.048**	-0.041**	-0.004	0.092***
	(0.02)	(0.02)	(0.01)	(0.02)
Client knows best	0.019	-0.004	-0.022**	0.006
	(0.04)	(0.03)	(0.01)	(0.03)
Mutual Fund fees (1% omitted)				
2%	0.002	-0.067***	0.006	0.059**
	(0.03)	(0.02)	(0.01)	(0.03)
3%	0.032	-0.157***	0.023**	0.102***
	(0.03)	(0.02)	(0.01)	(0.02)
Segfund fees (2% omitted)				
3%	-0.007	0.018	-0.017*	0.006
	(0.03)	(0.02)	(0.01)	(0.02)
4%	0.019	0.012	-0.032***	0.001
	(0.03)	(0.02)	(0.01)	(0.02)
Female client	-0.016	0.001	0.010	0.005
	(0.02)	(0.02)	(0.01)	(0.02)
Ordering	-0.009	-0.021	0.008	0.023
	(0.02)	(0.02)	(0.01)	(0.02)
R-squared	0.02	0.02	0.02	0.02
Observations	2,088	2,088	2,088	2,088

Note: This table presents average partial effects calculated using equation (4) following a multinomial logit estimation for which the dependent variable is a categorical variable representing the respondent's answer to the vignette. "Client knows best" represents a dummy variable equal to 1 if the respondent answered Agree or Strongly agree to the statement: "Clients often have a good idea of their optimal financial planning strategies before speaking to a financial planner." To calculate the average partial effect of the interaction terms, we first compute the finite differences in probabilities for each category of the binary variables. We then report the difference of these values across categories of the dummy variable and report its significance. We include all randomized parameters as controls, following Table 10. Standard errors are calculated using the Huber/White/sandwich estimator. ***, **, and * represent significance at the 1, 5 and 10 percent level, respectively.

Table A19: Investment vignette - Gender effects
(Average partial effects from a multinomial logit estimation)

	GIC	MF	Segfund	ETF
Female advisor × Female client	0.061	-0.020	-0.034*	-0.007
	(0.05)	(0.04)	(0.02)	(0.04)
Female advisor	-0.055**	0.060***	0.009	-0.014
	(0.02)	(0.02)	(0.01)	(0.02)
Female client	-0.016	0.001	0.010	0.005
	(0.02)	(0.02)	(0.01)	(0.02)
Mutual Fund fees (1% omitted)				
2%	0.002	-0.067***	0.006	0.059**
	(0.03)	(0.02)	(0.01)	(0.03)
3%	0.030	-0.157***	0.023**	0.104***
	(0.03)	(0.02)	(0.01)	(0.02)
Segfund fees (2% omitted)				
3%	-0.011	0.020	-0.017*	0.008
	(0.03)	(0.02)	(0.01)	(0.02)
4%	0.017	0.013	-0.032***	0.002
	(0.03)	(0.02)	(0.01)	(0.02)
Solicit ETF	-0.049**	-0.040**	-0.003	0.092***
	(0.02)	(0.02)	(0.01)	(0.02)
Ordering	-0.009	-0.022	0.007	0.024
	(0.02)	(0.02)	(0.01)	(0.02)
R-squared	0.03	0.03	0.03	0.03
Observations	2,088	2,088	2,088	2,088

Note: This table presents average partial effects calculated using equation (4) following a multinomial logit estimation for which the dependent variable is a categorical variable representing the respondent's answer to the vignette. Female advisor is a dummy variable indicating that the repondent is a women, while female client is a dummy variable indicating that the client in the scenario is a women. To calculate the average partial effect of the interaction terms, we first compute the finite differences in probabilities for each category of the binary variables. We then report the difference of these values across categories of the dummy variable and report its significance. We include all randomized parameters as controls, following Table 10. Standard errors are calculated using the Huber/White/sandwich estimator. ***, **, and * represent significance at the 1, 5 and 10 percent level, respectively.

Table A20: Investment vignette - Segfund dominance
(Average partial effects from a multinomial logit estimation)

	GIC		MF		Segfund		ETF	
SegDomMut_strict	0.09*		-0.08*		0.01		-0.03	
	(0.05)		(0.04)		(0.02)		(0.04)	
SegDomMut_weak		-0.05		-0.01		0.04***		0.02
		(0.04)		(0.03)		(0.02)		(0.04)
Mutual Fund fees (1% and 3% omitted)								
2%	0.00	0.02	-0.07***	-0.06***	0.01	-0.02	0.06**	0.06**
	(0.03)	(0.03)	(0.02)	(0.02)	(0.01)	(0.01)	(0.03)	(0.03)
Segfund fees (2% and 4% omitted)								
3%	0.02	-0.02	0.00	0.02	-0.01	-0.01	-0.01	0.02
	(0.03)	(0.03)	(0.02)	(0.02)	(0.01)	(0.01)	(0.03)	(0.03)
Female client	-0.02	-0.02	0.00	0.00	0.01	0.01	0.00	0.00
	(0.02)	(0.02)	(0.02)	(0.02)	(0.01)	(0.01)	(0.02)	(0.02)
Solicit ETF	-0.05**	-0.05**	-0.04**	-0.04**	-0.00	-0.00	0.09***	0.09***
	(0.02)	(0.02)	(0.02)	(0.02)	(0.01)	(0.01)	(0.02)	(0.02)
Ordering	-0.01	-0.01	-0.02	-0.02	0.01	0.01	0.02	0.02
	(0.02)	(0.02)	(0.02)	(0.02)	(0.01)	(0.01)	(0.02)	(0.02)
R^2	0.022	0.023	0.022	0.023	0.022	0.023	0.022	0.023

Note: This table presents average partial effects calculated using equation (4) following a multinomial logit estimation for which the dependent variable is a categorical variable representing the respondent's answer to the vignette. SegDomMut_strict (SegDomMut_weak) is a dummy variable equal to 1 if segregated funds offer a (weakly) higher return in the scenario presented to the respondent. We include all randomized parameters as controls, following Table 3. Standard errors are calculated using the Huber/White/sandwich estimator. ***, **, and * represent significance at the 1, 5 and 10 percent level, respectively.

Table A21: Investment vignette - Dominance of segregated over mutual funds
(Average partial effects from a multinomial logit estimation)

	GIC			MF			Segfund			ETF		
Segfunds dominate (weakly)												
Mutual Fund fees (1% and 3% omitted)												
2%	-0.08*	-0.05	-0.06	0.11***	0.10***	0.10***	-0.02	-0.02	-0.02	-0.01	-0.04	-0.03
	(0.05)	(0.05)	(0.05)	(0.03)	(0.03)	(0.03)	(0.02)	(0.02)	(0.02)	(0.04)	(0.05)	(0.05)
Segfund fees (2% and 4% omitted)												
3%	-0.07	-0.04	-0.04	0.05	0.04	0.04	-0.02	-0.02	-0.03	0.04	0.02	0.02
	(0.05)	(0.05)	(0.05)	(0.03)	(0.04)	(0.03)	(0.02)	(0.02)	(0.02)	(0.04)	(0.05)	(0.05)
Female client	-0.01	-0.01	-0.01	-0.00	-0.02	-0.02	0.01	0.02	0.01	0.01	0.01	0.01
	(0.04)	(0.04)	(0.04)	(0.02)	(0.03)	(0.03)	(0.02)	(0.02)	(0.02)	(0.04)	(0.04)	(0.04)
Solicit ETF	-0.09**	-0.08*	-0.07*	-0.03	-0.04	-0.03	-0.02	-0.00	-0.00	0.14***	0.11***	0.11***
	(0.04)	(0.04)	(0.04)	(0.02)	(0.03)	(0.03)	(0.02)	(0.02)	(0.02)	(0.03)	(0.04)	(0.04)
Ordering	0.03	0.04	0.04	-0.01	0.00	-0.01	0.01	0.01	0.01	-0.02	-0.05	-0.04
	(0.04)	(0.04)	(0.04)	(0.02)	(0.03)	(0.03)	(0.02)	(0.02)	(0.02)	(0.04)	(0.04)	(0.04)
Prodcuts owned												
Mutual funds		-0.13	-0.09		0.17***	0.16**		-0.09**	-0.13**		0.05	0.07
		(0.08)	(0.08)		(0.06)	(0.06)		(0.04)	(0.06)		(0.08)	(0.07)
Segregated funds		-0.02	0.03		0.05	0.02		-0.03	-0.03		-0.00	-0.03
		(0.07)	(0.07)		(0.04)	(0.04)		(0.04)	(0.04)		(0.07)	(0.07)
Products owned by spouse												
Mutual funds		0.06	0.04		-0.09**	-0.09**		0.10**	0.14**		-0.07	-0.09
		(0.08)	(0.07)		(0.04)	(0.04)		(0.05)	(0.07)		(0.07)	(0.06)
Segregated funds		0.00	-0.06		-0.04	-0.01		0.09***	0.08**		-0.06	-0.01
		(0.08)	(0.07)		(0.05)	(0.05)		(0.03)	(0.04)		(0.08)	(0.07)
Licenses (specific)												
Mutual funds		0.00	0.01		0.05	0.03		-0.04	-0.03		-0.02	-0.02
		(0.06)	(0.06)		(0.04)	(0.04)		(0.03)	(0.03)		(0.05)	(0.06)
Segregated funds		0.00	-0.01		0.04	0.01		0.06*	0.03		-0.10**	-0.03
		(0.05)	(0.06)		(0.03)	(0.03)		(0.03)	(0.03)		(0.04)	(0.06)
R^2	0.022	0.066	0.151	0.022	0.066	0.151	0.022	0.066	0.151	0.022	0.066	0.151
Observations	691	576	573	691	576	573	691	576	573	691	576	573
Segfunds do not dominate												
Mutual Fund fees (1% and 3% omitted)												
2%	0.03	0.02	0.03	-0.08***	-0.06**	-0.06**	-0.01	-0.00	-0.01	0.06*	0.04	0.04
	(0.03)	(0.04)	(0.04)	(0.03)	(0.03)	(0.03)	(0.01)	(0.01)	(0.01)	(0.03)	(0.03)	(0.03)
Segfund fees (2% and 4% omitted)												
3%	-0.01	-0.02	-0.05	0.02	0.01	0.02	-0.00	-0.01	-0.01	-0.01	0.02	0.03
	(0.04)	(0.05)	(0.05)	(0.03)	(0.04)	(0.03)	(0.01)	(0.01)	(0.01)	(0.04)	(0.04)	(0.04)
Female client	-0.02	-0.02	-0.01	0.00	0.01	0.00	0.01	0.01	0.01	0.00	-0.01	-0.00
	(0.03)	(0.03)	(0.03)	(0.02)	(0.02)	(0.02)	(0.01)	(0.01)	(0.01)	(0.02)	(0.03)	(0.03)
Solicit ETF	-0.03	-0.04	-0.05	-0.05**	-0.04*	-0.04*	0.00	0.01	0.01	0.07***	0.08***	0.08***
	(0.03)	(0.03)	(0.03)	(0.02)	(0.02)	(0.02)	(0.01)	(0.01)	(0.01)	(0.02)	(0.03)	(0.03)
Ordering	-0.03	-0.02	-0.02	-0.02	-0.03	-0.02	0.01	0.00	0.00	0.05**	0.04	0.04
	(0.03)	(0.03)	(0.03)	(0.02)	(0.02)	(0.02)	(0.01)	(0.01)	(0.01)	(0.02)	(0.03)	(0.03)
Prodcuts owned												
Mutual funds		-0.16**	-0.13**		0.21***	0.18***		-0.05***	-0.06***		0.01	0.01
		(0.06)	(0.06)		(0.06)	(0.05)		(0.02)	(0.02)		(0.05)	(0.05)
Segregated funds		0.05	0.10*		0.01	-0.04		0.03**	0.03		-0.09*	-0.08
		(0.06)	(0.06)		(0.05)	(0.05)		(0.02)	(0.02)		(0.05)	(0.05)
Products owned by spouse												
Mutual funds		0.16***	0.16***		-0.10**	-0.11***		0.05***	0.06**		-0.11**	-0.10**
		(0.05)	(0.05)		(0.04)	(0.04)		(0.02)	(0.02)		(0.04)	(0.04)
Segregated funds		-0.11*	-0.10		0.04	0.05		0.01	-0.02		0.06	0.07
		(0.06)	(0.06)		(0.05)	(0.05)		(0.01)	(0.02)		(0.06)	(0.06)
Licenses (specific)												
Mutual funds		-0.04	-0.01		0.08**	0.09**		-0.02**	-0.03***		-0.02	-0.05
		(0.04)	(0.04)		(0.03)	(0.04)		(0.01)	(0.01)		(0.03)	(0.04)
Segregated funds		-0.00	-0.06		0.03	0.01		-0.01	0.01		-0.03	0.04
		(0.03)	(0.04)		(0.03)	(0.03)		(0.01)	(0.01)		(0.03)	(0.04)
R^2	0.015	0.051	0.127	0.015	0.051	0.127	0.015	0.051	0.127	0.015	0.051	0.127
Observations	1,397	1,136	1,129	1,397	1,136	1,129	1,397	1,136	1,129	1,397	1,136	1,129
Educ	NO	NO	YES	NO	NO	YES	NO	NO	YES	NO	NO	YES
Marital Status	NO	NO	YES	NO	NO	YES	NO	NO	YES	NO	NO	YES
Language	NO	NO	YES	NO	NO	YES	NO	NO	YES	NO	NO	YES
Province	NO	NO	YES	NO	NO	YES	NO	NO	YES	NO	NO	YES
Invest. accounts	NO	NO	YES	NO	NO	YES	NO	NO	YES	NO	NO	YES
Work characteristics	NO	NO	YES	NO	NO	YES	NO	NO	YES	NO	NO	YES
Self-assessment FEs	NO	NO	YES	NO	NO	YES	NO	NO	YES	NO	NO	YES

Note: This table presents average partial effects calculated using equation (4) following a multinomial logit estimation for which the dependent variable is a categorical variable representing the respondent's answer to the vignette. The sample is split according to a dummy variable equal to 1 if segregated funds offer a weakly higher return in the scenario presented to the respondent. We include all randomized parameters as controls, following Table 3, as well as all product familiarity variables. Standard errors are calculated using the Huber/White/sandwich estimator. ***, **, and * represent significance at the 1, 5 and 10 percent level, respectively.

Table A22: Recommendation when compensated (t-test)

	Compensated	Not compensated	Diff.
MF	0.6897	0.7883	-0.0987***
	1,044	1,044	

Note: This table presents a t-test comparing how often a product is recommended when the respondent is financially compensated to do so. ***, **, and * represent significance at the 1, 5 and 10 percent level, respectively.

Table A23: Recommendation when solicited (t-tests)

	Solicited	Not solicited	Diff.
Recommend UL	0.0067	0.0057	0.0010
	1,044	1,044	(0.0034)
Recommend MF	0.3094	0.3056	0.0038
	1,044	1,044	(0.0202)
Recommend ETF	0.3534	0.2644	0.0891***
	1,044	1,044	(0.0201)

Note: This table presents a series of t-tests comparing how often a product is recommended when it is solicited or not by the client. ***, **, and * represent significance at the 1, 5 and 10 percent level, respectively.

Table A24: Recommending a product solicited by the client
(Average partial effects from a logit estimation)

A. Recommending what you own			
Owns product solicited	0.0289**	0.0509**	0.0203**
	(0.0127)	(0.0210)	(0.0101)
R^2	0.001	0.003	0.329
Observations	4,176	2,564	2,564
B. Recommending what your spouse owns			
Spouse owns product solicited	0.0214*	0.0576**	0.0240**
	(0.0126)	(0.0233)	(0.0104)
R^2	0.001	0.003	0.330
Observations	4,176	2,564	2,564
C. Recommending what you are licensed to sell			
Licensed to sell product solicited	0.0178	0.0453**	0.0431***
	(0.0128)	(0.0219)	(0.0117)
R^2	0.000	0.002	0.335
Observations	4,176	2,564	2,564
D. Joint familiarity			
Owns product solicited	0.0237	0.0200	0.0037
	(0.0171)	(0.0313)	(0.0112)
Spouse owns product solicited	0.0038	0.0345	0.0134
	(0.0168)	(0.0342)	(0.0115)
Licensed to sell product solicited	0.0112	0.0340	0.0386***
	(0.0132)	(0.0224)	(0.0118)
R^2	0.001	0.005	0.336
Observations	4,176	2,564	2,564
FP FE?	NO	YES	YES
Scenario FE?	NO	NO	YES

Note: This table presents average partial effects calculated using equation (4) following a logit estimation for which the dependent variable is a binary variable equal to one if the respondent recommends the product solicited by the client, and zero otherwise. Standard errors are calculated using the Huber/White/sandwich estimator. ***, **, and * represent significance at the 1, 5 and 10 percent level, respectively.

Table A25: Recommending a product you own
(Average partial effects from a logit estimation)

A. Recommending what you own					
Age	-0.0007			-0.0011	-0.0011
	(0.0005)			(0.0008)	(0.0007)
Female advisor	0.0144			0.0327**	0.0327***
	(0.0118)			(0.0129)	(0.0124)
Has children	0.0381**			0.0357**	0.0357**
	(0.0158)			(0.0165)	(0.0159)
IQPF (FP Canada omitted)	0.0667			0.0757	0.0756*
	(0.0466)			(0.0473)	(0.0455)
Annual income		0.0000		0.0000	0.0000
		(0.0000)		(0.0000)	(0.0000)
Work exp. (years)		-0.0008		0.0004	0.0004
		(0.0006)		(0.0009)	(0.0009)
Salary omitted					
Salary plus bonus based on sales		0.0092		-0.0058	-0.0058
		(0.0211)		(0.0216)	(0.0207)
Primarily commissions		-0.0111		-0.0171	-0.0171
		(0.0212)		(0.0222)	(0.0213)
Primarily Assets under Management		0.0242		0.0261	0.0262
		(0.0202)		(0.0211)	(0.0203)
Primarily fee for advice		-0.0127		0.0076	0.0076
		(0.0265)		(0.0271)	(0.0261)
Other		-0.0104		-0.0004	-0.0004
		(0.0291)		(0.0297)	(0.0286)
Yes very much omitted					
Yes, I have some confidence			0.0209	0.0115	0.0115
			(0.0159)	(0.0167)	(0.0161)
No, I have no confidence at all			0.0037	-0.0024	-0.0024
			(0.0207)	(0.0217)	(0.0209)
Don't know			-0.0134	-0.0347*	-0.0347*
			(0.0196)	(0.0206)	(0.0198)
Prefer not to say			-0.0852***	-0.1114***	-0.1114***
			(0.0311)	(0.0339)	(0.0325)
Better than average omitted					
It is about the same			0.0044	-0.0042	-0.0042
			(0.0130)	(0.0142)	(0.0137)
It is worse than the average			0.0470	0.0469	0.0470
			(0.0791)	(0.0799)	(0.0769)
Don't know			-0.0071	-0.0106	-0.0106
			(0.0176)	(0.0192)	(0.0185)
Prefer not to say			-0.0859**	-0.0701*	-0.0703*
			(0.0340)	(0.0381)	(0.0365)
Substantial risk omitted					
Above average fin risks for above-average returns			0.0144	0.0088	0.0088
			(0.0151)	(0.0163)	(0.0156)
Average fin risks for average returns			-0.0103	-0.0028	-0.0028
			(0.0167)	(0.0188)	(0.0180)
Below average fin risks for below-average returns			-0.0579	0.0198	0.0197
			(0.0506)	(0.0553)	(0.0532)
No risk for small but certain return			-0.0281		
			(0.1847)		
Very patient omitted					
Patient			-0.0048	-0.0053	-0.0053
			(0.0120)	(0.0125)	(0.0120)
Impatient			0.0171	0.0180	0.0180
			(0.0307)	(0.0323)	(0.0311)
Very impatient			0.1502**	0.1799***	0.1805***
			(0.0656)	(0.0645)	(0.0626)
Don't know			0.2020***	0.1981***	0.1974***
			(0.0532)	(0.0611)	(0.0593)
Prefer not to say			0.1495**	0.1775**	0.1772***
			(0.0581)	(0.0706)	(0.0684)
Marital Status?	YES	NO	NO	YES	YES
Province?	YES	NO	NO	YES	YES
Educ?	YES	NO	NO	YES	YES
Scenario FE?	NO	NO	NO	NO	YES
R^2	0.006	0.001	0.005	0.012	0.069
Observations	8,352	7,832	8,352	7,832	7,832

Note: This table presents average partial effects calculated using equation (4) following a logit estimation for which the dependent variable is a binary variable equal to one if the respondent owns the recommended product, and zero otherwise. The estimation is pooled across all scenarios and variables are added subsequently in four different econometric specifications. Standard errors are calculated using the Huber/White/sandwich estimator. ***, **, and * represent significance at the 1, 5 and 10 percent level, respectively.

Table A26: Recommending a product your spouse owns
(Average partial effects from a logit estimation)

B. Recommending what your spouse owns					
Age	0.0007			-0.0000	-0.0000
	(0.0005)			(0.0007)	(0.0007)
Female advisor	0.0252**			0.0442***	0.0440***
	(0.0114)			(0.0128)	(0.0120)
Has children	0.0192			0.0110	0.0107
	(0.0152)			(0.0158)	(0.0148)
IQPF (FP Canada omitted)	0.0522			0.0566	0.0569
	(0.0441)			(0.0456)	(0.0429)
Annual income		0.0000		0.0000	0.0000
		(0.0000)		(0.0000)	(0.0000)
Work exp. (years)		0.0009*		0.0004	0.0004
		(0.0005)		(0.0009)	(0.0008)
Salary omitted					
Salary plus bonus based on sales		-0.0217		-0.0205	-0.0205
		(0.0163)		(0.0196)	(0.0187)
Primarily commissions		0.0093		0.0197	0.0198
		(0.0167)		(0.0207)	(0.0197)
Primarily Assets under Management		0.0329**		0.0451**	0.0450**
		(0.0160)		(0.0197)	(0.0187)
Primarily fee for advice		0.0033		0.0160	0.0161
		(0.0208)		(0.0252)	(0.0239)
Other		0.0313		0.0652**	0.0651**
		(0.0237)		(0.0295)	(0.0276)
Yes very much omitted					
Yes, I have some confidence			0.0142	0.0026	0.0026
			(0.0125)	(0.0161)	(0.0152)
No, I have no confidence at all			0.0030	0.0089	0.0087
			(0.0162)	(0.0212)	(0.0199)
Don't know			0.0141	-0.0033	-0.0032
			(0.0155)	(0.0194)	(0.0184)
Prefer not to say			-0.0252	-0.0263	-0.0258
			(0.0237)	(0.0320)	(0.0305)
Better than average omitted					
It is about the same			-0.0263***	-0.0162	-0.0161
			(0.0101)	(0.0135)	(0.0128)
It is worse than the average			-0.0839*	-0.0730	-0.0741
			(0.0508)	(0.0739)	(0.0712)
Don't know			-0.0035	-0.0168	-0.0167
			(0.0141)	(0.0175)	(0.0166)
Prefer not to say			-0.0614**	-0.0321	-0.0319
			(0.0246)	(0.0384)	(0.0364)
Substantial risk omitted					
Above average fin risks for above-average returns			0.0430***	0.0329**	0.0328**
			(0.0114)	(0.0153)	(0.0145)
Average fin risks for average returns			0.0329***	0.0162	0.0160
			(0.0127)	(0.0174)	(0.0165)
Below average fin risks for below-average returns			-0.0667**	-0.0685	-0.0681
			(0.0308)	(0.0471)	(0.0456)
No risk for small but certain return			0.1893		
			(0.2033)		
Very patient omitted					
Patient			0.0039	0.0065	0.0065
			(0.0094)	(0.0117)	(0.0110)
Impatient			0.0416	0.0530	0.0535*
			(0.0261)	(0.0322)	(0.0301)
Very impatient			0.0306	0.1022	0.0997
			(0.0565)	(0.0808)	(0.0723)
Don't know			0.0537	0.0926	0.0930
			(0.0484)	(0.0684)	(0.0628)
Prefer not to say			-0.0412	-0.0071	-0.0074
			(0.0442)	(0.0727)	(0.0694)
Marital Status?	YES	NO	NO	YES	YES
Province?	YES	NO	NO	YES	YES
Educ?	YES	NO	NO	YES	YES
Scenario FE?	NO	NO	NO	NO	YES
R^2	0.006	0.004	0.005	0.013	0.152
Observations	6,848	7,832	8,352	6,432	6,432

Note: This table presents average partial effects calculated using equation (4) following a logit estimation for which the dependent variable is a binary variable equal to one if the respondent's spouse owns the recommended product, and zero otherwise. The estimation is pooled across all scenarios and variables are added subsequently in four different econometric specifications. Standard errors are calculated using the Huber/White/sandwich estimator. ***, **, and * represent significance at the 1, 5 and 10 percent level, respectively.

Table A27: Recommending a product you are licensed to sell
(Average partial effects from a logit estimation)

C. Recommending what you are licensed to sell					
Age	0.0023***			-0.0011	-0.0010*
	(0.0005)			(0.0007)	(0.0006)
Female advisor	-0.0597***			0.0101	0.0078
	(0.0116)			(0.0123)	(0.0096)
Has children	-0.0101			-0.0044	-0.0033
	(0.0156)			(0.0156)	(0.0124)
IQPF (FP Canada omitted)	0.1591***			0.1410***	0.1329***
	(0.0484)			(0.0469)	(0.0351)
Annual income		-0.0000		-0.0000	-0.0000
		(0.0000)		(0.0000)	(0.0000)
Work exp. (years)		0.0006		0.0012	0.0012*
		(0.0006)		(0.0009)	(0.0007)
Salary omitted					
Salary plus bonus based on sales		0.1210***		0.1130***	0.1127***
		(0.0189)		(0.0191)	(0.0175)
Primarily commissions		0.3005***		0.3014***	0.3012***
		(0.0192)		(0.0200)	(0.0176)
Primarily Assets under Management		0.3785***		0.3832***	0.3832***
		(0.0179)		(0.0185)	(0.0160)
Primarily fee for advice		-0.0218		-0.0012	0.0065
		(0.0222)		(0.0232)	(0.0218)
Other		0.0840***		0.1003***	0.1050***
		(0.0265)		(0.0274)	(0.0249)
Yes very much omitted					
Yes, I have some confidence			-0.0396**	-0.0335**	-0.0342***
			(0.0158)	(0.0158)	(0.0126)
No, I have no confidence at all			-0.0788***	-0.0381*	-0.0380**
			(0.0205)	(0.0207)	(0.0165)
Don't know			-0.0206	0.0110	0.0098
			(0.0195)	(0.0196)	(0.0154)
Prefer not to say			-0.1265***	-0.0749**	-0.0769***
			(0.0302)	(0.0327)	(0.0265)
Better than average omitted					
It is about the same			-0.0883***	-0.0417***	-0.0391***
			(0.0128)	(0.0136)	(0.0108)
It is worse than the average			-0.3622***	-0.3575***	-0.3606***
			(0.0514)	(0.0495)	(0.0452)
Don't know			-0.0886***	-0.0405**	-0.0404***
			(0.0172)	(0.0185)	(0.0149)
Prefer not to say			-0.0117	0.0647*	0.0571**
			(0.0346)	(0.0364)	(0.0258)
Substantial risk omitted					
Above average fin risks for above-average returns			0.0667***	0.0328**	0.0329***
			(0.0148)	(0.0154)	(0.0124)
Average fin risks for average returns			0.0195	0.0188	0.0179
			(0.0164)	(0.0177)	(0.0142)
Below average fin risks for below-average returns			-0.1807***	-0.0770	-0.0561
			(0.0436)	(0.0553)	(0.0440)
No risk for small but certain return			-0.0832		
			(0.1867)		
Very patient omitted					
Patient			0.0075	-0.0003	0.0023
			(0.0118)	(0.0118)	(0.0095)
Impatient			0.0498	0.0664**	0.0673***
			(0.0305)	(0.0305)	(0.0232)
Very impatient			-0.0154	-0.0536	-0.0522
			(0.0658)	(0.0625)	(0.0513)
Don't know			0.0237	-0.0549	-0.0587
			(0.0558)	(0.0574)	(0.0508)
Prefer not to say			-0.0290	0.0315	0.0284
			(0.0594)	(0.0686)	(0.0538)
Marital Status?	YES	NO	NO	YES	YES
Province?	YES	NO	NO	YES	YES
Educ?	YES	NO	NO	YES	YES
Scenario FE?	NO	NO	NO	NO	YES
R^2	0.015	0.070	0.014	0.085	0.392
Observations	8,352	7,832	8,352	7,832	7,832

Note: This table presents average partial effects calculated using equation (4) following a logit estimation for which the dependent variable is a binary variable equal to one if the respondent is licensed to sell the recommended product, and zero otherwise. The estimation is pooled across all scenarios and variables are added subsequently in four different econometric specifications. Standard errors are calculated using the Huber/White/sandwich estimator. ***, **, and * represent significance at the 1, 5 and 10 percent level, respectively.

Table A28: Recommending a product when it is suboptimal
(Average partial effects from a logit estimation)

Age	0.0011			0.0019	0.0019
	(0.0010)			(0.0015)	(0.0015)
Female advisor	0.0622***			0.0304	0.0304
	(0.0235)			(0.0255)	(0.0255)
Has children	-0.0389			-0.0331	-0.0331
	(0.0314)			(0.0326)	(0.0326)
IQPF (FP Canada omitted)	-0.0331			-0.0101	-0.0101
	(0.0927)			(0.0930)	(0.0930)
Annual income		0.0000		0.0000	0.0000
		(0.0001)		(0.0001)	(0.0001)
Work exp. (years)		0.0013		0.0002	0.0002
		(0.0012)		(0.0018)	(0.0018)
Salary omitted					
Salary plus bonus based on sales		-0.0967**		-0.0681	-0.0681
		(0.0421)		(0.0429)	(0.0429)
Primarily commissions		-0.0747*		-0.0500	-0.0500
		(0.0423)		(0.0441)	(0.0441)
Primarily Assets under Management		-0.1244***		-0.1149***	-0.1149***
		(0.0401)		(0.0417)	(0.0417)
Primarily fee for advice		0.0104		-0.0115	-0.0115
		(0.0528)		(0.0539)	(0.0539)
Other		0.0991*		0.0887	0.0887
		(0.0565)		(0.0584)	(0.0584)
Yes very much omitted					
Yes, I have some confidence			-0.0701**	-0.0658**	-0.0658**
			(0.0316)	(0.0331)	(0.0331)
No, I have no confidence at all			-0.0579	-0.0334	-0.0334
			(0.0412)	(0.0432)	(0.0432)
Don't know			0.0177	0.0315	0.0315
			(0.0392)	(0.0411)	(0.0411)
Prefer not to say			0.1920***	0.1656**	0.1656**
			(0.0588)	(0.0661)	(0.0661)
Better than average omitted					
It is about the same			-0.0117	-0.0277	-0.0277
			(0.0258)	(0.0280)	(0.0280)
It is worse than the average			0.1461	0.1178	0.1178
			(0.1508)	(0.1564)	(0.1564)
Don't know			0.1141***	0.0639*	0.0639*
			(0.0346)	(0.0381)	(0.0381)
Prefer not to say			0.0532	0.0439	0.0439
			(0.0709)	(0.0770)	(0.0769)
Substantial risk omitted					
Above average fin risks for above-average returns			-0.0123	-0.0050	-0.0050
			(0.0299)	(0.0322)	(0.0322)
Average fin risks for average returns			0.0250	0.0038	0.0038
			(0.0332)	(0.0370)	(0.0370)
Below average fin risks for below-average returns			0.1284	0.0237	0.0237
			(0.1013)	(0.1112)	(0.1112)
No risk for small but certain return			0.0000		
			(.)		
Very patient omitted					
Patient			-0.0027	0.0070	0.0070
			(0.0237)	(0.0247)	(0.0247)
Impatient			-0.0454	-0.0659	-0.0659
			(0.0606)	(0.0629)	(0.0628)
Very impatient			0.0050	0.0119	0.0119
			(0.1331)	(0.1376)	(0.1376)
Don't know			-0.0084	0.1766	0.1766
			(0.1121)	(0.1175)	(0.1175)
Prefer not to say			0.2479**	0.1621	0.1621
			(0.1132)	(0.1432)	(0.1432)
Marital Status?	YES	NO	NO	YES	YES
Province?	YES	NO	NO	YES	YES
Educ?	YES	NO	NO	YES	YES
Scenario FE?	NO	NO	NO	NO	YES
R^2	0.011	0.011	0.021	0.033	0.033
Observations	2,084	1,958	2,086	1,954	1,954

Note: This table presents average partial effects calculated using equation (4) following a logit estimation for which the dependent variable is a binary variable equal to one if the respondent recommends a suboptimal product in the retirement savings vignette, and zero otherwise. Standard errors are calculated using the Huber/White/sandwich estimator. ***, **, and * represent significance at the 1, 5 and 10 percent level, respectively.

Table A29: Investment vignette - Interactions (Coefficients. SegFund Omitted.)

	1			2			3			4		
	GIC	Mutual Funds	ETF	GIC	Mutual Funds	ETF	GIC	Mutual Funds	ETF	GIC	Mutual Funds	ETF
Scenario 4 (Base outcome is SegFunds)												
1.SegDomMut_weak X 1.prod_own_segfund	-0.08	-0.01	-0.13							1.92*	2.54**	2.41**
	(0.52)	(0.57)	(0.54)							(1.01)	(1.10)	(1.05)
1.SegDomMut_weak X 1.prod_spouse_mf				-0.45	-0.37	-0.10				0.28	0.21	0.62
				(0.60)	(0.68)	(0.62)				(1.18)	(1.26)	(1.20)
1.SegDomMut_weak X 1.prod_spouse_segfund				0.32	-0.02	-0.07				-0.85	-1.64	-1.54*
				(0.54)	(0.64)	(0.57)				(0.85)	(1.02)	(0.91)
1.SegDomMut_weak X 1.license_prod_mf							-0.70	-0.90	-0.51	-0.05	-0.07	-0.10
							(0.56)	(0.63)	(0.56)	(0.67)	(0.79)	(0.69)
1.SegDomMut_weak X 1.license_prod_segfund							-0.46	-0.45	-0.76	-1.31	-1.17	-1.55*
							(0.61)	(0.65)	(0.62)	(0.88)	(0.93)	(0.89)
1.prod_own_mf	1.15***	2.26***	0.88**							2.20***	3.60***	2.55***
	(0.40)	(0.46)	(0.41)							(0.65)	(0.76)	(0.67)
1.prod_own_segfund	-1.43***	-1.15***	-1.64***							-1.46**	-1.51**	-1.88**
	(0.39)	(0.40)	(0.40)							(0.72)	(0.76)	(0.73)
1.SegDomMut_weak	-0.69	-0.76	-0.68	-0.83	-1.07	-0.93	-0.52	-0.33	-0.33	-0.19	-0.75	-0.24
	(0.73)	(0.89)	(0.75)	(0.75)	(0.83)	(0.76)	(0.67)	(0.76)	(0.67)	(0.97)	(1.14)	(0.99)
Mutual Fund fees (1% omitted)												
mutfees2	0.44	0.03	0.58	0.48	0.20	0.60	0.39	-0.01	0.53	0.34	0.04	0.46
	(0.41)	(0.43)	(0.42)	(0.47)	(0.48)	(0.47)	(0.41)	(0.43)	(0.42)	(0.54)	(0.55)	(0.54)
mutfees3	0.29	-0.71	0.46	0.34	-0.42	0.56	0.30	-0.70	0.48	0.19	-0.59	0.41
	(0.46)	(0.49)	(0.47)	(0.55)	(0.58)	(0.55)	(0.47)	(0.50)	(0.47)	(0.61)	(0.65)	(0.62)
Segfund fees (2% omitted)												
segfees2	0.15	0.29	0.25	0.23	0.35	0.34	0.14	0.28	0.24	0.28	0.40	0.39
	(0.32)	(0.35)	(0.33)	(0.35)	(0.38)	(0.36)	(0.32)	(0.34)	(0.32)	(0.36)	(0.38)	(0.37)
segfees3	0.06	0.13	0.15	0.02	-0.13	0.08	0.05	0.13	0.13	0.10	-0.02	0.17
	(0.48)	(0.49)	(0.49)	(0.52)	(0.53)	(0.53)	(0.47)	(0.49)	(0.48)	(0.58)	(0.60)	(0.59)
female_scn4	-0.25	-0.20	-0.20	-0.47*	-0.44	-0.44	-0.27	-0.23	-0.22	-0.49*	-0.46	-0.47
	(0.25)	(0.27)	(0.26)	(0.28)	(0.30)	(0.29)	(0.25)	(0.26)	(0.25)	(0.29)	(0.31)	(0.30)
solicit_etf	0.01	-0.13	0.42	-0.14	-0.27	0.30	-0.02	-0.16	0.38	-0.23	-0.36	0.20
	(0.25)	(0.27)	(0.26)	(0.27)	(0.29)	(0.28)	(0.25)	(0.27)	(0.26)	(0.29)	(0.31)	(0.29)
8.scn	-0.25	-0.36	-0.15	-0.23	-0.32	-0.19	-0.27	-0.37	-0.16	-0.25	-0.35	-0.21
	(0.25)	(0.26)	(0.25)	(0.27)	(0.29)	(0.28)	(0.25)	(0.26)	(0.25)	(0.28)	(0.30)	(0.29)
R-squared	0.04			0.04			0.04			0.06		
Observations	2,088			1,712			2,088			1,712		

Note:

Table A30: Savings vignette - Product Familiarity
(Average partial effects from a multinomial logit estimation, full set of controls)

	Products Owned				Products Spouse				Products Licenced			
	RRSP	TFSA	UL	Repay Debt	RRSP	TFSA	UL	Repay Debt	RRSP	TFSA	UL	Repay Debt
Products												
RRSP	0.04	0.02	-0.02**	-0.04								
	(0.03)	(0.03)	(0.01)	(0.03)								
TFSA	-0.03	0.02	0.02***	-0.00								
	(0.03)	(0.02)	(0.01)	(0.03)								
Universal life insurance	0.02	0.00	0.01*	-0.03	0.01	0.01	-0.00***	-0.02	0.06**	-0.02	-0.02**	-0.03
	(0.02)	(0.02)	(0.01)	(0.02)	(0.02)	(0.02)	(0.00)	(0.02)	(0.03)	(0.02)	(0.01)	(0.03)
Debt	0.06**	0.02	0.00	-0.08***								
	(0.02)	(0.02)	(0.00)	(0.02)								
Educ, demog, financial, preferences	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
Marital Status	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
Language	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
Province	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
Investment accounts	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
Work characteristics	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
Self-assessment	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
R^2	0.351	0.351	0.351	0.351	0.355	0.355	0.355	0.355	0.349	0.349	0.349	0.349
Wald test	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001
Observations	1,954	1,954	1,954	1,954	1,702	1,702	1,702	1,702	1,954	1,954	1,954	1,954

Note: This table presents average partial effects calculated using equation (4) following a multinomial logit estimation for which the dependent variable is a categorical variable representing the respondent's answer to the vignette. We measure product familiarity using the respondent's answer to questions on ownership, spouse's ownership, and license to sell the different products. When a variable is not measured in our survey, we omit it from the estimation. We include all randomized parameters as controls, as well as all observable characteristics included in the most flexible specification of Table A8. We report the p-value of a Wald test of joint significance of the familiarity variables. Standard errors are calculated using the Huber/White/sandwich estimator. ***, **, and * represent significance at the 1, 5 and 10 percent level, respectively.

Table A31: Decumulation vignette - Product Familiarity
(Average partial effects from a multinomial logit estimation, full set of controls)

	Products Owned				Products Spouse				Products Licenced			
	MF	Segfund	Partial An.	Full An.	MF	Segfund	Partial An.	Full An.	MF	Segfund	Partial An.	Full An.
Products												
Mutual funds	0.05	0.02	-0.06*	-0.01	-0.04	0.03	0.01	-0.00	0.19***	-0.06**	-0.11***	-0.03
	(0.03)	(0.02)	(0.03)	(0.02)	(0.03)	(0.02)	(0.03)	(0.02)	(0.04)	(0.03)	(0.04)	(0.02)
Segregated funds	-0.12***	0.08***	0.03	0.00	-0.14***	0.11***	0.03	0.01	0.02	0.15***	-0.19***	0.02
	(0.03)	(0.02)	(0.03)	(0.02)	(0.04)	(0.02)	(0.04)	(0.02)	(0.05)	(0.04)	(0.06)	(0.04)
Annuity	-0.23***	0.01	0.17**	0.05	-0.30***	-0.04	0.34***	0.00	-0.05	-0.07*	0.19***	-0.06*
	(0.08)	(0.05)	(0.07)	(0.03)	(0.10)	(0.06)	(0.08)	(0.04)	(0.05)	(0.04)	(0.06)	(0.03)
Educ, demog, financial, preferences	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
Marital Status	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
Language	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
Province	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
Investment accounts	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
Work characteristics	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
Self-assessment	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
R^2	0.108	0.108	0.108	0.108	0.119	0.119	0.119	0.119	0.110	0.110	0.110	0.110
Wald test	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Observations	1,954	1,954	1,954	1,954	1,604	1,604	1,604	1,604	1,954	1,954	1,954	1,954

Note: This table presents average partial effects calculated using equation (4) following a multinomial logit estimation for which the dependent variable is a categorical variable representing the respondent's answer to the vignette. We measure product familiarity using the respondent's answer to questions on ownership, spouse's ownership, and license to sell the different products. When a variable is not measured in our survey, we omit it from the estimation. We include all randomized parameters as controls, as well as all observable characteristics included in the most flexible specification of Table A12. We report the p-value of a Wald test of joint significance of the familiarity variables. Standard errors are calculated using the Huber/White/sandwich estimator. ***, **, and * represent significance at the 1, 5 and 10 percent level, respectively.

Table A32: Long-term care risk vignette - Product Familiarity
(Average partial effects from a multinomial logit estimation, full set of controls)

	Products Owned			Products Spouse			Products Licenced		
	Mortgage	MF	LTCI	Mortgage	MF	LTCI	Mortgage	MF	LTCI
Products									
Debt	-0.04**	0.01	0.04						
	(0.02)	(0.03)	(0.03)						
Real estate	0.03	-0.01	-0.02	-0.02	0.02	0.00			
	(0.02)	(0.03)	(0.03)	(0.02)	(0.03)	(0.03)			
Mutual funds	0.00	-0.05	0.05	0.01	-0.05	0.04	-0.01	0.09**	-0.08**
	(0.02)	(0.03)	(0.03)	(0.02)	(0.03)	(0.03)	(0.02)	(0.04)	(0.04)
Long-term care insurance	0.00	-0.03	0.03	-0.01	0.02	-0.01	-0.05**	-0.03	0.08**
	(0.02)	(0.04)	(0.04)	(0.03)	(0.05)	(0.05)	(0.02)	(0.03)	(0.03)
Educ, demog, financial, preferences	YES	YES	YES	YES	YES	YES	YES	YES	YES
Marital Status	YES	YES	YES	YES	YES	YES	YES	YES	YES
Language	YES	YES	YES	YES	YES	YES	YES	YES	YES
Province	YES	YES	YES	YES	YES	YES	YES	YES	YES
Investment accounts	YES	YES	YES	YES	YES	YES	YES	YES	YES
Work characteristics	YES	YES	YES	YES	YES	YES	YES	YES	YES
Self-assessment	YES	YES	YES	YES	YES	YES	YES	YES	YES
R^2	0.090	0.090	0.090	0.089	0.089	0.089	0.091	0.091	0.091
Wald test	0.165	0.165	0.165	0.742	0.742	0.742	0.007	0.007	0.007
Observations	1,954	1,954	1,954	1,604	1,604	1,604	1,954	1,954	1,954

Note: This table presents average partial effects calculated using equation (4) following a multinomial logit estimation for which the dependent variable is a categorical variable representing the respondent's answer to the vignette. We measure product familiarity using the respondent's answer to questions on ownership, spouse's ownership, and license to sell the different products. When a variable is not measured in our survey, we omit it from the estimation. We include all randomized parameters as controls, as well as all observable characteristics included in the most flexible specification of Table A14. We report the p-value of a Wald test of joint significance of the familiarity variables. Standard errors are calculated using the Huber/White/sandwich estimator. ***, **, and * represent significance at the 1, 5 and 10 percent level, respectively.

Table A33: Investment vignette - Product Familiarity
(Average partial effects from a multinomial logit estimation, full set of controls)

	Products Owned				Products Spouse				Products Licenced			
	GIC	MF	Segfund	ETF	GIC	MF	Segfund	ETF	GIC	MF	Segfund	ETF
Products												
Index-linked GIC	0.01	0.04	-0.02	-0.03	-0.05	0.03	-0.05	0.07	0.08***	-0.01	-0.01	-0.07***
	(0.05)	(0.03)	(0.02)	(0.05)	(0.06)	(0.04)	(0.03)	(0.05)	(0.03)	(0.02)	(0.01)	(0.02)
Mutual funds	-0.03	0.12***	-0.03***	-0.07**	0.08**	-0.01	0.00	-0.07**	-0.05	0.18***	-0.04***	-0.09***
	(0.03)	(0.03)	(0.01)	(0.03)	(0.03)	(0.03)	(0.01)	(0.03)	(0.04)	(0.03)	(0.01)	(0.03)
Segregated funds	0.01	-0.00	0.02**	-0.03	-0.03	0.01	0.03***	-0.01	-0.06	0.04	0.04***	-0.02
	(0.03)	(0.02)	(0.01)	(0.03)	(0.04)	(0.03)	(0.01)	(0.03)	(0.03)	(0.02)	(0.01)	(0.03)
Exchange-traded funds	0.07***	-0.17***	-0.02**	0.12***	0.08***	-0.19***	-0.02**	0.14***	-0.06**	-0.06***	-0.04***	0.17***
	(0.02)	(0.02)	(0.01)	(0.02)	(0.03)	(0.03)	(0.01)	(0.02)	(0.03)	(0.02)	(0.01)	(0.02)
Educ, demog, financial, preferences	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
Marital Status	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
Language	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
Province	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
Investment accounts	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
Work characteristics	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
Self-assessment	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
R^2	0.147	0.147	0.147	0.147	0.142	0.142	0.142	0.142	0.141	0.141	0.141	0.141
Wald test	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Observations	1,954	1,954	1,954	1,954	1,604	1,604	1,604	1,604	1,954	1,954	1,954	1,954

Note: This table presents average partial effects calculated using equation (4) following a multinomial logit estimation for which the dependent variable is a categorical variable representing the respondent's answer to the vignette. We measure product familiarity using the respondent's answer to questions on ownership, spouse's ownership, and license to sell the different products. When a variable is not measured in our survey, we omit it from the estimation. We include all randomized parameters as controls, as well as all observable characteristics included in the most flexible specification of Table A17. We report the p-value of a Wald test of joint significance of the familiarity variables./ Standard errors are calculated using the Huber/White/sandwich estimator. ***, **, and * represent significance at the 1, 5 and 10 percent level, respectively.

Table A34: Recommending a product compensated to sell
(Average partial effects from a logit estimation)

A. Recommending a compensated product					
Age	-0.0024*			-0.0025	-0.0025
	(0.0014)			(0.0021)	(0.0021)
Female advisor	-0.0621*			-0.0844**	-0.0845**
	(0.0326)			(0.0349)	(0.0349)
Has children	0.0836*			0.0753	0.0710
	(0.0443)			(0.0459)	(0.0458)
IQPF (FP Canada omitted)	-0.1803			-0.1861	-0.1780
	(0.1287)			(0.1277)	(0.1272)
Annual income		0.0000		-0.0000	-0.0000
		(0.0001)		(0.0001)	(0.0001)
Work exp. (years)		-0.0009		-0.0008	-0.0008
		(0.0017)		(0.0025)	(0.0025)
Salary omitted					
Salary plus bonus based on sales		-0.0131		0.0088	0.0101
		(0.0595)		(0.0603)	(0.0602)
Primarily commissions		-0.0708		-0.0692	-0.0709
		(0.0594)		(0.0615)	(0.0613)
Primarily Assets under Management		-0.0384		-0.0333	-0.0357
		(0.0568)		(0.0587)	(0.0585)
Primarily fee for advice		0.0003		-0.0035	-0.0024
		(0.0748)		(0.0753)	(0.0752)
Other		-0.0998		-0.1095	-0.1045
		(0.0800)		(0.0801)	(0.0803)
Yes very much omitted					
Yes, I have some confidence			0.0356	0.0408	0.0430
			(0.0442)	(0.0462)	(0.0461)
No, I have no confidence at all			-0.0007	-0.0427	-0.0410
			(0.0573)	(0.0583)	(0.0582)
Don't know			0.0186	0.0173	0.0168
			(0.0546)	(0.0570)	(0.0568)
Prefer not to say			-0.0062	0.0228	0.0218
			(0.0871)	(0.0953)	(0.0948)
Better than average omitted					
It is about the same			0.0279	0.0457	0.0410
			(0.0364)	(0.0395)	(0.0395)
It is worse than the average			0.1839	0.1935	0.2136
			(0.2197)	(0.2181)	(0.2143)
Don't know			0.0029	0.0241	0.0210
			(0.0487)	(0.0533)	(0.0532)
Prefer not to say			0.1950**	0.1857*	0.1905*
			(0.0951)	(0.1047)	(0.1038)
Substantial risk omitted					
Above average fin risks for above-average returns			0.0234	0.0507	0.0466
			(0.0421)	(0.0440)	(0.0441)
Average fin risks for average returns			0.0270	0.0807	0.0761
			(0.0465)	(0.0509)	(0.0510)
Below average fin risks for below-average returns			-0.0058	0.0269	0.0219
			(0.1417)	(0.1483)	(0.1481)
No risk for small but certain return			0.0000		
			(.)		
Very patient omitted					
Patient			-0.0209	-0.0396	-0.0394
			(0.0336)	(0.0347)	(0.0347)
Impatient			-0.1628**	-0.1325	-0.1437*
			(0.0790)	(0.0862)	(0.0849)
Very impatient			-0.2869**	-0.3194**	-0.3179**
			(0.1422)	(0.1261)	(0.1268)
Don't know			0.1584	0.0877	0.0880
			(0.1584)	(0.1759)	(0.1764)
Prefer not to say			0.1067	-0.0799	-0.0701
			(0.1700)	(0.1999)	(0.2017)
Marital Status?	YES	NO	NO	YES	YES
Province?	YES	NO	NO	YES	YES
Educ?	YES	NO	NO	YES	YES
Scenario FE?	NO	NO	NO	NO	YES
R^2	0.015	0.003	0.011	0.032	0.035
Observations	1,042	979	1,043	977	977

Note: This table presents average partial effects calculated using equation (4) following a logit estimation for which the dependent variable is a binary variable equal to one if the respondent is compensated to sell the product recommended in the investment vignette, and zero otherwise. Standard errors are calculated using the Huber/White/sandwich estimator. ***, **, and * represent significance at the 1, 5 and 10 percent level, respectively.

Table A35: Recommending a product solicited by the client
(Average partial effects from a logit estimation)

A. Recommending a solicited product					
Age	-0.0001			-0.0003	-0.0004
	(0.0006)			(0.0009)	(0.0008)
Female advisor	0.0078			0.0002	-0.0001
	(0.0136)			(0.0148)	(0.0138)
Has children	0.0099			0.0092	0.0083
	(0.0181)			(0.0190)	(0.0178)
IQPF (FP Canada omitted)	0.0549			0.0608	0.0642
	(0.0563)			(0.0572)	(0.0528)
Annual income		0.0000		0.0000	0.0000
		(0.0000)		(0.0000)	(0.0000)
Work exp. (years)		-0.0004		0.0000	0.0000
		(0.0007)		(0.0010)	(0.0010)
Salary omitted					
Salary plus bonus based on sales		-0.0598**		-0.0639**	-0.0653***
		(0.0252)		(0.0256)	(0.0238)
Primarily commissions		-0.0814***		-0.0746***	-0.0748***
		(0.0250)		(0.0263)	(0.0245)
Primarily Assets under Management		-0.0426*		-0.0361	-0.0359
		(0.0245)		(0.0256)	(0.0237)
Primarily fee for advice		0.0020		-0.0066	-0.0050
		(0.0327)		(0.0329)	(0.0306)
Other		-0.0244		-0.0271	-0.0236
		(0.0350)		(0.0356)	(0.0333)
Yes very much omitted					
Yes, I have some confidence			0.0019	-0.0129	-0.0132
			(0.0180)	(0.0196)	(0.0183)
No, I have no confidence at all			0.0487**	0.0234	0.0213
			(0.0244)	(0.0259)	(0.0240)
Don't know			0.0191	-0.0075	-0.0070
			(0.0225)	(0.0239)	(0.0224)
Prefer not to say			0.0065	-0.0050	-0.0037
			(0.0361)	(0.0413)	(0.0387)
Better than average omitted					
It is about the same			0.0368**	0.0306*	0.0321**
			(0.0152)	(0.0166)	(0.0155)
It is worse than the average			0.0583	0.0555	0.0595
			(0.0972)	(0.0977)	(0.0902)
Don't know			0.0313	0.0474**	0.0460**
			(0.0205)	(0.0230)	(0.0213)
Prefer not to say			-0.0073	-0.0145	-0.0188
			(0.0378)	(0.0412)	(0.0385)
Substantial risk omitted					
Above average fin risks for above-average returns			0.0228	0.0223	0.0217
			(0.0171)	(0.0182)	(0.0172)
Average fin risks for average returns			0.0133	0.0262	0.0238
			(0.0188)	(0.0212)	(0.0199)
Below average fin risks for below-average returns			-0.0253	-0.0325	-0.0300
			(0.0530)	(0.0553)	(0.0537)
No risk for small but certain return			0.0002		
			(0.1886)		
Very patient omitted					
Patient			-0.0158	-0.0188	-0.0192
			(0.0138)	(0.0146)	(0.0136)
Impatient			0.0059	-0.0035	-0.0048
			(0.0358)	(0.0376)	(0.0350)
Very impatient			0.1146	0.1670*	0.1600*
			(0.0902)	(0.1006)	(0.0852)
Don't know			-0.0138	-0.0326	-0.0274
			(0.0646)	(0.0693)	(0.0667)
Prefer not to say			0.0762	0.0936	0.0843
			(0.0782)	(0.0938)	(0.0844)
Marital Status?	YES	NO	NO	YES	YES
Province?	YES	NO	NO	YES	YES
Educ?	YES	NO	NO	YES	YES
Scenario FE?	NO	NO	NO	NO	YES
R^2	0.006	0.005	0.005	0.016	0.165
Observations	4,164	3,916	4,176	3,904	3,904

Note: This table presents average partial effects calculated using equation (4) following a logit estimation for which the dependent variable is a binary variable equal to one if the client solicited the recommended product, and zero otherwise. The estimation is pooled across all scenarios and variables are added subsequently in four different econometric specifications. Standard errors are calculated using the Huber/White/sandwich estimator. ***, **, and * represent significance at the 1, 5 and 10 percent level, respectively.

Table A36: Recommendation when optimal
(Average partial effects from a logit estimation)

A. Recommending what you own			
Owns the product that is optimal	0.2992***	0.1874***	0.1871***
	(0.0174)	(0.0391)	(0.0384)
Scenario FE?	NO	NO	YES
R^2	0.070	0.025	0.025
Observations	2,088	860	860

Note: This table presents average partial effects calculated using equation (4) following a logit estimation for which the dependent variable is a binary variable equal to one if the respondent recommends the optimal product, and zero otherwise. Owning the product that is optimal is a binary variable equal to one when the respondent owns the product that is optimal the recommend, and zero otherwise. Standard errors are calculated using the Huber/White/sandwich estimator. ***, **, and * represent significance at the 1, 5 and 10 percent level, respectively.

Table A37: Recommendation when compensated
(Average partial effects from a logit estimation)

A. Recommending what you own		
Owns the compensated product	-0.0458	-0.0458
	(0.0422)	(0.0422)
R^2	0.005	0.005
Observations	1,044	1,044
B. Recommending what your spouse owns		
Spouse owns the compensated product	-0.0278	-0.0296
	(0.0321)	(0.0320)
R^2	0.001	0.004
Observations	1,044	1,044
C. Recommending what you are licensed to sell		
Licensed to sell the compensated product	-0.0495	-0.0535
	(0.0347)	(0.0346)
R^2	0.001	0.005
Observations	1,044	1,044
D. Joint familiarity		
Owns the compensated product	-0.0126	-0.0175
	(0.0504)	(0.0503)
Spouse owns the compensated product	-0.0136	-0.0132
	(0.0367)	(0.0366)
Licensed to sell the compensated product	-0.0420	-0.0447
	(0.0375)	(0.0374)
R^2	0.002	0.006
Observations	1,044	1,044
Scenario FE?	NO	YES

Note: This table presents average partial effects calculated using equation (4) following a logit estimation for which the dependent variable is a binary variable equal to one if the respondent recommends the compensated product, and zero otherwise. Owning or being licensed to sell the product that is compensated is a binary variable equal to one when the respondent owns (is licensed to sell) the product that is optimal the recommend, and zero otherwise. Standard errors are calculated using the Huber/White/sandwich estimator. ***, **, and * represent significance at the 1, 5 and 10 percent level, respectively.

B Survey Instrument

INSTRUCTIONS INCLUDED WITH THIS ANONYMOUS QUESTIONNAIRE

THE DETERMINANTS OF FINANCIAL PLANNING

The following is an anonymous questionnaire which we invite you to complete. This questionnaire was developed as part of a research project at HEC Montréal.

Since your first impressions best reflect your true opinions, we request that you please answer the questions included in this questionnaire without any hesitation. We do ask, however, that you take the time needed to consider certain questions that might involve concepts with which you are less familiar, or which require more specific information about your situation. In most cases, you will not be able to go back and change your answers once you change screen. There is no time limit for completing the questionnaire, although we have estimated that it should take approximately 20 minutes.

The information collected will be anonymous and will remain strictly confidential. It will be used solely for the advancement of knowledge and the dissemination of the overall results in academic or professional forums. It is possible that the collected data will be shared with other researchers, solely for non-commercial research purposes, for projects other than the one for which the data were originally collected.

The online data collection provider agrees to refrain from disclosing any personal information (or any other information concerning participants in this study) to any other users or to any third party, unless the respondent expressly agrees to such disclosure or unless such disclosure is required by law.

You are free to refuse to participate in this project and you may decide to stop answering the questions at any time. By completing this questionnaire, you will be considered as having given your consent to participate in our research project and to the potential use of data collected from this questionnaire in future research. Since the questionnaire is anonymous, you will no longer be able to withdraw from the research project once you have completed the questionnaire because it will be impossible to determine which of the answers are yours.

If you have any questions about this research, please contact the principal researcher, Pierre-Carl Michaud, at the telephone number or email address indicated below.

HEC Montréal's Research Ethics Board has determined that the data collected related to this study meets the ethics standards for research involving humans. If you have any questions related to ethics, please contact the REB secretariat at (514) 340-6051 or by email at cer@hec.ca.

Thank you for your valuable cooperation!

Pierre-Carl Michaud
Professor
Department of Applied Economics
HEC Montréal
514-340-6466
pierre-carl.michaud@hec.ca

[SECTION 1. SHOW THE FOLLOWING TITLE TO RESPONDENTS:] **Background**

QA. What is your gender?
1 Man
2 Woman
3 Prefer to self describe
8888888 Prefer not to say

QB. How old are you? Please specify. [PN: MUST ENTER THE 2 CHARACTERS]
Numeric (18-100)

QC. Which province or territory do you live in?
1. British Columbia
2. Alberta
3. Saskatchewan
4. Manitoba
5. Ontario
6. Quebec
7. New Brunswick
8. Nova Scotia
9. Prince Edward Island
10. Newfoundland and Labrador
11. Northwest Territories
12. Nunavut
13. Yukon
14. None of the above [TERMINATE IF QC==14]

QD. What products are you licensed to sell, if any? Check all that apply.

QDa	Mutual Funds	☐
QDb	Insurance and insurance-based products	☐
QDc	Securities	☐

[WE NEED A CHECKBOX OF SOME SORT IN THE THIRD COLUMN AND SAVE RESPONSES AS ONE BINARY VARIABLES PER SUB-QUESTION THAT TAKE THE VALUE 1 WHEN CHECKED AND ZERO WHEN UNCHECKED.]

Q1. What is the highest level of education you have reached?
1 Less than high school diploma or its equivalent
2 High school diploma or a high school equivalency certificate
3 Trade certificate or diploma
4 College, CEGEP or other non-university certificate or diploma (other than trades certificates or diplomas)
5 University certificate or diploma below the bachelor's level
6 Bachelor's degree (e.g. B.A., B.Sc., LL.B.)
7 University certificate, diploma, degree above the bachelor's level

Q2. What is your marital status?

1 Married
2 Living common-law
3 Widowed
4 Separated
5 Divorced
6 Single, never married

Q3. Do you have children?
1 Yes
2 No

[SECTION 2. SHOW THE FOLLOWING TITLE TO RESPONDENTS:] **Financial Advice**

[REPEAT THE FOLLOWING PARAGRPH ON TOP OF EVERY SCREEN IN THIS SECTION]
In this section, we will be presenting you with a series of hypothetical situations. We are interested in the recommendations you would make for each client situation presented.

[RANDOMIZE VARIABLES IN THIS SECTION ACCORDING TO TABLE 1 IN THE APPENDIX. THE SAME VARIABLES ARE ALWAYS RELEVANT FOR TWO SUBSECTIONS (SECTION 2.1 AND SECTION 2.2; SECTION 2.3 AND SECTION 2.4; SECTION 2.5 AND SECTION 2.6; SECTION 2.7 AND SECTION 2.8) THE REALIZATIONS OF THE VARIABLES SHOULD BE DRAWN – ALWAYS WITH EQUAL PROBABILITIES – FOR EACH SUBSECTION SEPARATELY WITHOUT REPLACEMENT. THAT IS, IF FOR EXAMPLE NAME_S=1 IN SECTION 2.1, THEN NAME_S CAN ONLY TAKE ON THE REALIZATION 2, 3, OR 4 IN SECTION 2.2.]

[NEXT PAIR OF SUBSECTIONS STARTS]
[NEW SCREEN]
[SECTION 2.1]

For all client situations, consider that ***inflation will be negligible in the foreseeable future*** *and assume that* ***marital status will remain unchanged****. Please provide your best advice in each of the client scenarios presented* ***based on the information provided****.* ***Assume that you have the necessary license(s) to sell any products/services.***

[IF NAME_S==1, INSERT “James”, IF NAME_S==2, INSERT “Peter”, IF NAME_S==3, INSERT “Sally”, IF NAME_S==4, INSERT “Monica”] is 35 years old. [IF NAME_S==1 OR NAME_S==2, INSERT “He”, IF NAME_S==3 OR NAME_S==4, INSERT “She”] is married and has two kids under the age of 10. [IF NAME_S==1 OR NAME_S==2, INSERT “He”, IF NAME_S==3 OR NAME_S==4, INSERT “She”] wishes to invest $5,000 of pre-tax money. [IF NAME_S==1 OR NAME_S==2, INSERT “He”, IF NAME_S==3 OR NAME_S==4, INSERT “She”] has a current effective marginal tax rate of [IF MTR==1, INSERT “30”, IF MTR==2, INSERT “50”]% and anticipates a marginal tax rate of 40% when [IF NAME_S==1 OR NAME_S==2, INSERT “he”, IF NAME_S==3 OR NAME_S==4, INSERT “she”] withdraws the amount contributed and the accumulated returns. [IF NAME_S==1 OR NAME_S==2, INSERT “He”, IF NAME_S==3 OR NAME_S==4, INSERT “She”] has $5,000 of outstanding debt at a [IF APR==1, INSERT “2.5”, IF APR==2, INSERT “5”, IF APR==3, INSERT “7.5”]% APR.

Suppose that [IF NAME_S==1 OR NAME_S==2, INSERT “he”, IF NAME_S==3 OR NAME_S==4, INSERT “she”] could contribute the entire amount to either an RRSP or a TFSA; that [IF NAME_S==1 OR NAME_S==2, INSERT “he”, IF NAME_S==3 OR NAME_S==4, INSERT “she”] owns a Universal Life (UL) insurance policy; and that the withdrawal will not be eligible for any income splitting. [IF SOLICIT_S==1, INSERT “The client inquires about the option of investing the money in the UL policy.”]

Q4. From the four options below, which one would you recommend first to [IF NAME_S==1, INSERT "James", IF NAME_S==2, INSERT "Peter", IF NAME_S==3, INSERT "Sally", IF NAME_S==4, INSERT "Monica"]?

1 Invest the money in an RRSP (e.g., a broad index, such as the TSX)
2 Invest the money in a TFSA (e.g., a broad index, such as the TSX)
3 Invest the money in the UL policy
4 Repay the outstanding debt

[NEW SCREEN]
[SECTION 2.2]

For all client situations, consider that ***inflation will be negligible in the foreseeable future*** *and assume that* ***marital status will remain unchanged****. Please provide your best advice in each of the client scenarios presented* ***based on the information provided****.* ***Assume that you have the necessary license(s) to sell any products/services.***

[IF NAME_S==1, INSERT "James", IF NAME_S==2, INSERT "Peter", IF NAME_S==3, INSERT "Sally", IF NAME_S==4, INSERT "Monica"] is 35 years old. [IF NAME_S==1 OR NAME_S==2, INSERT "He", IF NAME_S==3 OR NAME_S==4, INSERT "She"] is married and has two kids under the age of 10. [IF NAME_S==1 OR NAME_S==2, INSERT "He", IF NAME_S==3 OR NAME_S==4, INSERT "She"] wishes to invest $5,000 of pre-tax money. [IF NAME_S==1 OR NAME_S==2, INSERT "He", IF NAME_S==3 OR NAME_S==4, INSERT "She"] has a current effective marginal tax rate of [IF MTR==1, INSERT "30", IF MTR==2, INSERT "50"]% and anticipates a marginal tax rate of 40% when [IF NAME_S==1 OR NAME_S==2, INSERT "he", IF NAME_S==3 OR NAME_S==4, INSERT "she"] withdraws the amount contributed and the accumulated returns. [IF NAME_S==1 OR NAME_S==2, INSERT "He", IF NAME_S==3 OR NAME_S==4, INSERT "She"] has $5,000 of outstanding debt at a [IF APR==1, INSERT "2.5", IF APR==2, INSERT "5", IF APR==3, INSERT "7.5"]% APR.

Suppose that [IF NAME_S==1 OR NAME_S==2, INSERT "he", IF NAME_S==3 OR NAME_S==4, INSERT "she"] could contribute the entire amount to either an RRSP or a TFSA; that [IF NAME_S==1 OR NAME_S==2, INSERT "he", IF NAME_S==3 OR NAME_S==4, INSERT "she"] owns a Universal Life (UL) insurance policy; and that the withdrawal will not be eligible for any income splitting. [IF SOLICIT_S==1, INSERT "The client inquires about the option of investing the money in the UL policy."]

Q5. From the four options below, which one would you recommend first to [IF NAME_S==1, INSERT "James", IF NAME_S==2, INSERT "Peter", IF NAME_S==3, INSERT "Sally", IF NAME_S==4, INSERT "Monica"]?

1 Invest the money in an RRSP (e.g., a broad index, such as the TSX)
2 Invest the money in a TFSA (e.g., a broad index, such as the TSX)
3 Invest the money in the UL policy
4 Repay the outstanding debt

[NEXT PAIR OF SUBSECTIONS STARTS]
[NEW SCREEN]
[SECTION 2.3]

For all client situations, consider that ***inflation will be negligible in the foreseeable future*** *and assume that* ***marital status will remain unchanged****. Please provide your best advice in each of the client scenarios presented* ***based on the information provided****.* ***Assume that you have the necessary license(s) to sell any products/services.***

[IF NAME_L==1, INSERT "John", IF NAME_L==2, INSERT "Paul", IF NAME_L==3, INSERT "Suzie", IF NAME_L==4, INSERT "Mary"] is 70 years old. [IF NAME_L==1 OR NAME_L==2, INSERT "He", IF NAME_L==3 OR NAME_L==4, INSERT "She"] lives [IF BEQUEST_L==1, INSERT "alone and has no children", IF BEQUEST_L==2 AND NAME_L==1 OR NAME_L==2, INSERT "with his partner who is 10 years younger", IF BEQUEST==2 AND NAME_L==3 OR NAME_L==4, INSERT "with her partner who is 10 years younger"]. [IF NAME_L==1 OR NAME_L==2, INSERT "He", IF NAME_L==3 OR NAME_L==4, INSERT "She"] is renting a condo and [IF NAME_L==1 OR NAME_L==2, INSERT "he", IF NAME_L==3 OR NAME_L==4, INSERT "she"] is in [IF HEALTH_L==1, INSERT "excellent (above average)", IF HEALTH_L==2, INSERT "good (average)", IF HEALTH_L==3, INSERT "poor (below average)"] health. [IF NAME_L==1, INSERT "John", IF NAME_L==2, INSERT "Paul", IF NAME_L==3, INSERT "Suzie", IF NAME_L==4, INSERT "Mary"] has $350,000 (after-tax) in retirement savings. [IF NAME_L==1 OR NAME_L==2, INSERT "He", IF NAME_L==3 OR NAME_L==4, INSERT "She"] has annual after-tax pension income of $40,000 (includes OAS and other income sources). [IF NAME_L==1 OR NAME_L==2, INSERT "He", IF NAME_L==3 OR NAME_L==4, INSERT "She"] would like to be able to afford spending at least $50,000 per year. [IF NAME_L==1 OR NAME_L==2, INSERT "He", IF NAME_L==3 OR NAME_L==4, INSERT "She"] is asking what [IF NAME_L==1 OR NAME_L==2, INSERT "he", IF NAME_L==3 OR NAME_L==4, INSERT "she"] should be doing with [IF NAME_L==1 OR NAME_L==2, INSERT "his", IF NAME_L==3 OR NAME_L==4, INSERT "her"]retirement savings. [IF SOLICIT_L==1 AND (NAME_L==1 OR NAME_L==2), INSERT "He inquires about the option of investing in mutual funds.", IF SOLICIT_L==1 AND (NAME_L==3 OR NAME_L==4), INSERT "She inquires about the option of investing in mutual funds."] **Please provide your best advice ignoring any tax considerations**.

Q6. From the four options below, which one would you recommend first to [IF NAME_L==1, INSERT "John", IF NAME_L==2, INSERT "Paul", IF NAME_L==3, INSERT "Suzie", IF NAME_L==4, INSERT "Mary"]?

1 Invest in a diversified portfolio of stock and bond mutual funds earning an expected annual return of [IF RATE_L==1, INSERT "4", IF RATE_L==2, INSERT "6", IF RATE_L==3, INSERT "10"]%[IF COMP==1, INSERT", where the investment sale contributes towards your compensation"].

2 Purchase a $10,000 per annum life annuity with a 10 year payout guarantee with $[IF NAME_L==1 OR NAME_L==2, INSERT "151'975.68", IF NAME_L==3 OR NAME_L==4, INSERT "163,265.31"] of [IF NAME_L==1 OR NAME_L==2, INSERT

"his", IF NAME_L==3 OR NAME_L==4, INSERT "her"] retirement savings and invest the remainder in a diversified portfolio of stock and bond mutual funds earning an expected annual return of [IF RATE_L==1, INSERT "4", IF RATE_L==2, INSERT "6", IF RATE_L==3, INSERT "10"]%[IF COMP==1, INSERT", where the investment sale contributes towards your compensation"].

3 Invest all of [IF NAME_L==1 OR NAME_L==2, INSERT "his", IF NAME_L==3 OR NAME_L==4, INSERT "her"] retirement savings in a Segregated Fund yielding annual income of $[IF PAYOUT==1, INSERT "15,750", IF PAYOUT==2, INSERT "14,000"].

4 Invest all of [IF NAME_L==1 OR NAME_L==2, INSERT "his", IF NAME_L==3 OR NAME_L==4, INSERT "her"] retirement savings in a life annuity with a 10 year payout guarantee yielding $[IF NAME_L==1 OR NAME_L==2, INSERT "23'030.00", IF NAME_L==3 OR NAME_L==4, INSERT "21,437.50"] in annual payout.

[NEW SCREEN]
[SECTION 2.4]

For all client situations, consider that ***inflation will be negligible in the foreseeable future*** *and assume that* ***marital status will remain unchanged****. Please provide your best advice in each of the client scenarios presented* ***based on the information provided****.* ***Assume that you have the necessary license(s) to sell any products/services.***

[IF NAME_L==1, INSERT "John", IF NAME_L==2, INSERT "Paul", IF NAME_L==3, INSERT "Suzie", IF NAME_L==4, INSERT "Mary"] is 70 years old. [IF NAME_L==1 OR NAME_L==2, INSERT "He", IF NAME_L==3 OR NAME_L==4, INSERT "She"] lives [IF BEQUEST_L==1, INSERT "alone and has no children", IF BEQUEST_L==2 AND NAME_L==1 OR NAME_L==2, INSERT "with his partner who is 10 years younger", IF BEQUEST==2 AND NAME_L==3 OR NAME_L==4, INSERT "with her partner who is 10 years younger"]. [IF NAME_L==1 OR NAME_L==2, INSERT "He", IF NAME_L==3 OR NAME_L==4, INSERT "She"] is renting a condo and [IF NAME_L==1 OR NAME_L==2, INSERT "he", IF NAME_L==3 OR NAME_L==4, INSERT "she"] is in [IF HEALTH_L==1, INSERT "excellent (above average)", IF HEALTH_L==2, INSERT "good (average)", IF HEALTH_L==3, INSERT "poor (below average)"] health. [IF NAME_L==1, INSERT "John", IF NAME_L==2, INSERT "Paul", IF NAME_L==3, INSERT "Suzie", IF NAME_L==4, INSERT "Mary"] has $350,000 (after-tax) in retirement savings. [IF NAME_L==1 OR NAME_L==2, INSERT "He", IF NAME_L==3 OR NAME_L==4, INSERT "She"] has annual after-tax pension income of $40,000 (includes OAS and other income sources). [IF NAME_L==1 OR NAME_L==2, INSERT "He", IF NAME_L==3 OR NAME_L==4, INSERT "She"] would like to be able to afford spending at least $50,000 per year. [IF NAME_L==1 OR NAME_L==2, INSERT "He", IF NAME_L==3 OR NAME_L==4, INSERT "She"] is asking what [IF NAME_L==1 OR NAME_L==2, INSERT "he", IF NAME_L==3 OR NAME_L==4, INSERT "she"] should be doing with [IF NAME_L==1 OR NAME_L==2, INSERT "his", IF NAME_L==3 OR NAME_L==4, INSERT "her"] retirement savings. [IF SOLICIT_L==1 AND (NAME_L==1 OR NAME_L==2), INSERT "He inquires about the option of investing in mutual funds.", IF SOLICIT_L==1 AND (NAME_L==3 OR NAME_L==4), INSERT "She

inquires about the option of investing in mutual funds.”] **Please provide your best advice ignoring any tax considerations**.

Q7. From the four options below, which one would you recommend first to [IF NAME_L==1, INSERT “John”, IF NAME_L==2, INSERT “Paul”, IF NAME_L==3, INSERT “Suzie”, IF NAME_L==4, INSERT “Mary”]?

1 Invest in a diversified portfolio of stock and bond mutual funds earning an expected annual return of [IF RATE_L==1, INSERT “4”, IF RATE_L==2, INSERT “6”, IF RATE_L==3, INSERT “10”]%[IF COMP==1, INSERT“, where the investment sale contributes towards your compensation”].

2 Purchase a $10,000 per annum life annuity with a 10 year payout guarantee with $[IF NAME_L==1 OR NAME_L==2, INSERT “151’975.68”, IF NAME_L==3 OR NAME_L==4, INSERT “163’265.31”] of [IF NAME_L==1 OR NAME_L==2, INSERT “his”, IF NAME_L==3 OR NAME_L==4, INSERT “her”] retirement savings and invest the remainder in a diversified portfolio of stock and bond mutual funds earning an expected annual return of [IF RATE_L==1, INSERT “4”, IF RATE_L==2, INSERT “6”, IF RATE_L==3, INSERT “10”]%[IF COMP==1, INSERT“, where the investment sale contributes towards your compensation”].

3 Invest all of [IF NAME_L==1 OR NAME_L==2, INSERT “his”, IF NAME_L==3 OR NAME_L==4, INSERT “her”] retirement savings in a Segregated Fund yielding annual income of $[IF PAYOUT==1, INSERT “15,750”, IF PAYOUT==2, INSERT “14,000”].

4 Invest all of [IF NAME_L==1 OR NAME_L==2, INSERT “his”, IF NAME_L==3 OR NAME_L==4, INSERT “her”] retirement savings in a life annuity with a 10 year payout guarantee yielding $[IF NAME_L==1 OR NAME_L==2, INSERT “23’030.00”, IF NAME_L==3 OR NAME_L==4, INSERT “21’437.50”] in annual payout.

[NEXT PAIR OF SUBSECTIONS STARTS]
[NEW SCREEN]
[SECTION 2.5]

For all client situations, consider that ***inflation will be negligible in the foreseeable future*** *and assume that* ***marital status will remain unchanged****. Please provide your best advice in each of the client scenarios presented* ***based on the information provided****.* ***Assume that you have the necessary license(s) to sell any products/services.***

[IF NAME_C==1, INSERT “Joe”, IF NAME_C==2, INSERT “Justin”, IF NAME_C==3, INSERT “Sophie”, IF NAME_C==4, INSERT “Isabelle”] is 70 years old. [IF NAME_C==1 OR NAME_C==2, INSERT “He”, IF NAME_C==3 OR NAME_C==4, INSERT “She”] lives alone in a house currently worth $250,000. [IF NAME_C==1 OR NAME_C==2, INSERT “He”, IF NAME_C==3 OR NAME_C==4, INSERT “She”] has a mortgage of $125,000 at an interest rate of [IF BORROW==1, INSERT “1.5”, IF BORROW ==2, INSERT “2.5”, IF BORROW==3, INSERT “3.5”]% per year. [IF NAME_C==1 OR NAME_C==2, INSERT “He”, IF NAME_C==3 OR NAME_C==4, INSERT “She”] has $125,000 in retirement savings (all in a TFSA). [IF NAME_C==1 OR NAME_C==2, INSERT “He”, IF NAME_C==3 OR NAME_C==4, INSERT “She”] has annual after-tax pension income of $30,000 (includes OAS

and other income sources). [IF NAME_C==1, INSERT “Joe”, IF NAME_C==2, INSERT “Justin”, IF NAME_C==3, INSERT “Sophie”, IF NAME_C==4, INSERT “Isabelle”] would like to make sure [IF NAME_C==1 OR NAME_C==2, INSERT “he”, IF NAME_C==3 OR NAME_C==4, INSERT “she”] can afford long-term care when [IF NAME_C==1 OR NAME_C==2, INSERT “he”, IF NAME_C==3 OR NAME_C==4, INSERT “she”] needs it. The cost of one-year in a nursing home facility is close to $50,000 and [IF NAME_C==1 OR NAME_C==2, INSERT “he”, IF NAME_C==3 OR NAME_C==4, INSERT “she”] has been told that, in general, people can expect to live 2 to 3 years in a nursing home or other long-term care facility before they die. [IF NAME_C==1 OR NAME_C==2, INSERT “He”, IF NAME_C==3 OR NAME_C==4, INSERT “She”] is in [IF HEALTH_C==1, INSERT= “excellent (above average)”, IF HEALTH_C==2, INSERT= “good (average)”, IF HEALTH_C==3, INSERT= “poor (below average)”] health. [IF NAME_C==1 OR NAME_C==2, INSERT “He”, IF NAME_C==3 OR NAME_C==4, INSERT “She”] does not expect to stay in [IF NAME_C==1 OR NAME_C==2, INSERT “his”, IF NAME==3 OR NAME==4, INSERT “her”] home should [IF NAME_C==1 OR NAME_C==2, INSERT “he”, IF NAME_C==3 OR NAME_C==4, INSERT “she”] need long-term care. [IF SOLICIT_C==1 AND (NAME_C==1 OR NAME_C==2), INSERT “The client inquires about the option of using his retirement savings to pay off his mortgage.”, IF SOLICIT_C==1 AND (NAME_C==3 OR NAME_C==4), INSERT “The client inquires about the option of using her retirement savings to pay off her mortgage.”]

Q8. From the three options below, which one would you recommend first to [IF NAME_C==1, INSERT “Joe”, IF NAME_C==2, INSERT “Justin”, IF NAME_C==3, INSERT “Sophie”, IF NAME_C==4, INSERT “Isabelle”]?

1 Pay off [IF NAME_C==1 OR NAME_C==2, INSERT “his”, IF NAME_C==3 OR NAME_C==4, INSERT “her”] mortgage with [IF NAME_C==1 OR NAME_C==2, INSERT “his”, IF NAME_C==3 OR NAME_C==4, INSERT “her”] retirement savings.
2 Invest [IF NAME_C==1 OR NAME_C==2, INSERT “his”, IF NAME_C==3 OR NAME_C==4, INSERT “her”] retirement savings in stock and bonds mutual funds at an expected after-tax return of [IF RATE_C==1, INSERT “2”, IF RATE_C==2, INSERT “3”, IF RATE_C==3, INSERT “5”]% per year and use this capital to fund long-term care expenses
3 Purchase a long-term care insurance policy for a cost of $[IF NAME_C==1 OR NAME_C==2, INSERT “280”, IF NAME_C==3 OR NAME_C==4, INSERT “210”] per month. The benefit would be of $2,000 per month should [IF NAME_C==1 OR NAME_C==2, INSERT “he”, IF NAME_C==3 OR NAME_C==4, INSERT “she”] require long-term care.

[NEW SCREEN]
[SECTION 2.6]

For all client situations, consider that ***inflation will be negligible in the foreseeable future*** *and assume that* ***marital status will remain unchanged****. Please provide your best advice in each of the client scenarios presented* ***based on the information provided****.* ***Assume that you have the necessary license(s) to sell any products/services.***

[IF NAME_C==1, INSERT “Joe”, IF NAME_C==2, INSERT “Justin”, IF NAME_C==3, INSERT “Sophie”, IF NAME_C==4, INSERT “Isabelle”] is 70 years old. [IF NAME_C==1 OR NAME_C==2, INSERT “He”, IF NAME_C==3 OR NAME_C==4, INSERT “She”] lives alone in a house currently worth $250,000. [IF NAME_C==1 OR NAME_C==2, INSERT “He”, IF NAME_C==3 OR NAME_C==4, INSERT “She”] has a mortgage of $125,000 at an interest rate of [IF BORROW==1, INSERT “1.5”, IF BORROW ==2, INSERT “2.5”, IF BORROW==3, INSERT “3.5”]% per year. [IF NAME_C==1 OR NAME_C==2, INSERT “He”, IF NAME_C==3 OR NAME_C==4, INSERT “She”] has $125,000 in retirement savings (all in a TFSA). [IF NAME_C==1 OR NAME_C==2, INSERT “He”, IF NAME_C==3 OR NAME_C==4, INSERT “She”] has annual after-tax pension income of $30,000 (includes OAS and other income sources). [IF NAME_C==1, INSERT “Joe”, IF NAME_C==2, INSERT “Justin”, IF NAME_C==3, INSERT “Sophie”, IF NAME_C==4, INSERT “Isabelle”] would like to make sure [IF NAME_C==1 OR NAME_C==2, INSERT “he”, IF NAME_C==3 OR NAME_C==4, INSERT “she”] can afford long-term care when [IF NAME_C==1 OR NAME_C==2, INSERT “he”, IF NAME_C==3 OR NAME_C==4, INSERT “she”] needs it. The cost of one-year in a nursing home facility is close to $50,000 and [IF NAME_C==1 OR NAME_C==2, INSERT “he”, IF NAME_C==3 OR NAME_C==4, INSERT “she”] has been told that, in general, people can expect to live 2 to 3 years in a nursing home or other long-term care facility before they die. [IF NAME_C==1 OR NAME_C==2, INSERT “He”, IF NAME_C==3 OR NAME_C==4, INSERT “She”] is in [IF HEALTH_C==1, INSERT= “excellent (above average)”, IF HEALTH_C==2, INSERT= “good (average)”, IF HEALTH_C==3, INSERT= “poor (below average)”] health. [IF NAME_C==1 OR NAME_C==2, INSERT “He”, IF NAME_C==3 OR NAME_C==4, INSERT “She”] does not expect to stay in [IF NAME_C==1 OR NAME_C==2, INSERT “his”, IF NAME==3 OR NAME==4, INSERT “her”] home should [IF NAME_C==1 OR NAME_C==2, INSERT “he”, IF NAME_C==3 OR NAME_C==4, INSERT “she”] need long-term care. [IF SOLICIT_C==1 AND (NAME_C==1 OR NAME_C==2), INSERT “The client inquires about the option of using his retirement savings to pay off his mortgage.”, IF SOLICIT_C==1 AND (NAME_C==3 OR NAME_C==4), INSERT “The client inquires about the option of using her retirement savings to pay off her mortgage.”]

Q9. From the three options below, which one would you recommend first to [IF NAME_C==1, INSERT “Joe”, IF NAME_C==2, INSERT “Justin”, IF NAME_C==3, INSERT “Sophie”, IF NAME_C==4, INSERT “Isabelle”]?

1 Pay off [IF NAME_C==1 OR NAME_C==2, INSERT “his”, IF NAME_C==3 OR NAME_C==4, INSERT “her”] mortgage with [IF NAME_C==1 OR NAME_C==2, INSERT “his”, IF NAME_C==3 OR NAME_C==4, INSERT “her”] retirement savings.
2 Invest [IF NAME_C==1 OR NAME_C==2, INSERT “his”, IF NAME_C==3 OR NAME_C==4, INSERT “her”] retirement savings in stock and bonds mutual funds at an expected after-tax return of [IF RATE_C==1, INSERT “2”, IF RATE_C==2, INSERT “3”, IF RATE_C==3, INSERT “5”]% per year and use this capital to fund long-term care expenses
3 Purchase a long-term care insurance policy for a cost of $[IF NAME_C==1 OR NAME_C==2, INSERT “280”, IF NAME_C==3 OR NAME_C==4, INSERT “210”] per month. The benefit would be of $2,000 per month should [IF NAME_C==1 OR NAME_C==2, INSERT “he”, IF NAME_C==3 OR NAME_C==4, INSERT “she”] require long-term care.

[NEXT PAIR OF SUBSECTIONS STARTS]
[NEW SCREEN]
[SECTION 2.7]

For all client situations, consider that ***inflation will be negligible in the foreseeable future*** *and assume that* ***marital status will remain unchanged****. Please provide your best advice in each of the client scenarios presented* ***based on the information provided****.* ***Assume that you have the necessary license(s) to sell any products/services.***

Your client, [IF NAME_I==1, INSERT "Mike", IF NAME_I==2, INSERT "Greg", IF NAME_I==3, INSERT "Linda", IF NAME_I==4, INSERT "Kate"] is a 45-year-old [IF NAME_I==1, OR NAME_I==2, INSERT "male", IF NAME_I==3 OR NAME_I==4, INSERT "female"] high school teacher with an annual gross income of $50,000. [IF NAME_I==1 OR NAME_I==2, INSERT "He", IF NAME_I==3 OR NAME_I==4, INSERT "She"] is married and has two kids under the age of 10. [IF NAME_I==1 OR NAME_I==2, INSERT "His wife", IF NAME_I==3 OR NAME_I==4, INSERT "Her husband"] is currently looking for a job in marketing. [IF NAME_I==1, INSERT "Mike", IF NAME_I==2, INSERT "Greg", IF NAME_I==3, INSERT "Linda", IF NAME_I==4, INSERT "Kate"] currently holds $75,000 in [IF NAME_I==1 OR NAME_I==2, INSERT "his", IF NAME_I==3 OR NAME_I==4, INSERT "her"] TFSA and this year, there is no room to contribute to [IF NAME_I==1 OR NAME_I==2, INSERT "his", IF NAME_I==3 OR NAME_I==4, INSERT "her"] RRSP (because [IF NAME_I==1 OR NAME_I==2, INSERT "he", IF NAME_I==3 OR NAME_I==4, INSERT "she"] holds a DB pension). The mortgage on [IF NAME_I==1 OR NAME_I==2, INSERT "his", IF NAME_I==3 OR NAME_I==4, INSERT "her"] house is fully paid off and the line of credit on the house is unused. [IF NAME_I==1, INSERT "Mike", IF NAME_I==2, INSERT "Greg", IF NAME_I==3, INSERT "Linda", IF NAME_I==4, INSERT "Kate"] has $40,000 in a savings account that [IF NAME_I==1 OR NAME_I==2, INSERT "he", IF NAME_I==3 OR NAME_I==4, INSERT "she"] is looking to invest (within [IF NAME_I==1 OR NAME_I==2, INSERT "his", IF NAME_I==3 OR NAME_I==4, INSERT "her"] TSFA) for a time-horizon of three years. [IF SOLICIT_I==1 AND (NAME_I==1 OR NAME_I==2), INSERT "He inquires about the option of investing in an exchange-traded fund (ETF).", IF SOLICIT_I==1 AND (NAME_I==3 OR NAME_I==4), INSERT "She inquires about the option of investing in an exchange-traded fund (ETF)."]

Q10. From the four options below, which one would you recommend first to [IF NAME_I==1, INSERT "Mike", IF NAME_I==2, INSERT "Greg", IF NAME_I==3, INSERT "Linda", IF NAME_I==4, INSERT "Kate"]?

1 Index-linked 3-year guaranteed investment certificate, based on a broad index, such as the TSX (with a participation rate of: 45%)[PLEASE PLACE A FOOTNOTE HERE THAT REFERS TO THE FOLLOWING TEXT SHOWN AT THE BOTTOM OF THE SAME SCREEN: "The participation rate is defined as the percentage at which the GIC will participate in the equity market's return."]
2 Mutual Funds, based on a broad index, such as the TSX (MER: [IF MUTFEES==1, INSERT "1", IF MUTFEES==2, INSERT "2", IF MUTFEES ==3, INSERT "3"]%)

3 Segregated Fund, based on a broad index, such as the TSX (MER: [IF SEGFEES==1, INSERT "2", IF SEGFEES==2, INSERT "3", IF SEGFEES ==3, INSERT "4"]%)
4 An exchange-traded fund (ETF), based on a broad index, such as the TSX, and held in [IF NAME_I==1 OR NAME_I==2, INSERT "his", IF NAME_I==3 OR NAME_I==4, INSERT "her"] self-directed discount brokerage account

[NEW SCREEN]
[SECTION 2.8]

For all client situations, consider that ***inflation will be negligible in the foreseeable future*** *and assume that* ***marital status will remain unchanged****. Please provide your best advice in each of the client scenarios presented* ***based on the information provided****.* ***Assume that you have the necessary license(s) to sell any products/services.***

Your client, [IF NAME_I==1, INSERT "Mike", IF NAME_I==2, INSERT "Greg", IF NAME_I==3, INSERT "Linda", IF NAME_I==4, INSERT "Kate"] is a 45-year-old [IF NAME_I==1, OR NAME_I==2, INSERT "male", IF NAME_I==3 OR NAME_I==4, INSERT "female"] high school teacher with an annual gross income of $50,000. [IF NAME_I==1 OR NAME_I==2, INSERT "He", IF NAME_I==3 OR NAME_I==4, INSERT "She"] is married and has two kids under the age of 10. [IF NAME_I==1 OR NAME_I==2, INSERT "His wife", IF NAME_I==3 OR NAME_I==4, INSERT "Her husband"] is currently looking for a job in marketing. [IF NAME_I==1, INSERT "Mike", IF NAME_I==2, INSERT "Greg", IF NAME_I==3, INSERT "Linda", IF NAME_I==4, INSERT "Kate"] currently holds $75,000 in [IF NAME_I==1 OR NAME_I==2, INSERT "his", IF NAME_I==3 OR NAME_I==4, INSERT "her"] TFSA and this year, there is no room to contribute to [IF NAME_I==1 OR NAME_I==2, INSERT "his", IF NAME_I==3 OR NAME_I==4, INSERT "her"] RRSP (because [IF NAME_I==1 OR NAME_I==2, INSERT "he", IF NAME_I==3 OR NAME_I==4, INSERT "she"] holds a DB pension). The mortgage on [IF NAME_I==1 OR NAME_I==2, INSERT "his", IF NAME_I==3 OR NAME_I==4, INSERT "her"] house is fully paid off and the line of credit on the house is unused. [IF NAME_I==1, INSERT "Mike", IF NAME_I==2, INSERT "Greg", IF NAME_I==3, INSERT "Linda", IF NAME_I==4, INSERT "Kate"] has $40,000 in a savings account that [IF NAME_I==1 OR NAME_I==2, INSERT "he", IF NAME_I==3 OR NAME_I==4, INSERT "she"] is looking to invest (within [IF NAME_I==1 OR NAME_I==2, INSERT "his", IF NAME_I==3 OR NAME_I==4, INSERT "her"] TSFA) for a time-horizon of three years. [IF SOLICIT_I==1 AND (NAME_I==1 OR NAME_I==2), INSERT "He inquires about the option of investing in an exchange-traded fund (ETF).", IF SOLICIT_I==1 AND (NAME_I==3 OR NAME_I==4), INSERT "She inquires about the option of investing in an exchange-traded fund (ETF)."]

Q11. From the four options below, which one would you recommend first to [IF NAME_I==1, INSERT "Mike", IF NAME_I==2, INSERT "Greg", IF NAME_I==3, INSERT "Linda", IF NAME_I==4, INSERT "Kate"]?

1 Index-linked 3-year guaranteed investment certificate, based on a broad index, such as the TSX (with a participation rate of: 45%)[PLEASE PLACE A FOOTNOTE HERE THAT REFERS TO THE FOLLOWING TEXT SHOWN AT THE BOTTOM OF THE SAME SCREEN: "The

participation rate is defined as the percentage at which the GIC will participate in the equity market's return."]
2 Mutual Funds, based on a broad index, such as the TSX (MER: [IF MUTFEES==1, INSERT "1", IF MUTFEES==2, INSERT "2", IF MUTFEES ==3, INSERT "3"]%)
3 Segregated Fund, based on a broad index, such as the TSX (MER: [IF SEGFEES==1, INSERT "2", IF SEGFEES==2, INSERT "3", IF SEGFEES ==3, INSERT "4"]%)
4 An exchange-traded fund (ETF), based on a broad index, such as the TSX, and held in [IF NAME_I==1 OR NAME_I==2, INSERT "his", IF NAME_I==3 OR NAME_I==4, INSERT "her"] self-directed discount brokerage account

[SECTION 3. SHOW THE FOLLOWING TITLE TO RESPONDENTS:] **Employment**

Q12. Please indicate which one of the following best describes your place of employment.
1 Accounting Firm
2 Credit Union
3 Financial Planning Firm
4 Insurance Company
5 Bank
6 Educational Institution
7 Investment / Mutual Fund Company
8 Managing General Agency (MGA)
9 Self-employed
10 Currently not working
11 Other
7777777 Don't know
8888888 Prefer not to say

Q13. Which certification(s) do you hold?
[MULTI-SELECT FOR RESPONSES 1, 2, 3]
1 QAFP certification
2 CFP certification
3 Pl. Fin.
7777777 Don't know
8888888 Prefer not to say

Q14. In addition to QAFP certification, CFP certification or Pl. Fin designation, please select all of the following designations that you hold, if any.

Q14a	Chartered Investment Manager (CIM)	☐
Q14b	Chartered Financial Analyst (CFA)	☐
Q14c	Chartered Life Underwriter (CLU)	☐
Q14d	Chartered Professional Accountant (CPA)	☐
Q14e	Trust and Estate Practitioner (TEP)	☐
Q14f	Personal Financial Planner (PFP®)	☐
Q14g	Registered Financial Planner (R.F.P.)	☐
Q14h	Registered Retirement Consultant (RRC)	☐
Q14i	Certified Health Insurance Specialist (CHS)	☐
Q14j	Certified Financial Planner® (Other Country)	☐
Q14k	Elder Planning Counselor (EPC)	☐
Q14l	Other	☐

[WE NEED A CHECKBOX OF SOME SORT IN THE THIRD COLUMN AND SAVE RESPONSES AS ONE BINARY VARIABLES PER SUB-QUESTION THAT TAKE THE VALUE 1 WHEN CHECKED AND ZERO WHEN UNCHECKED.]

Q15. Please select all of the following products **you are licensed to sell**, if any.

Q15a	Universal life insurance	☐
Q15b	Mutual funds	☐
Q15c	Segregated funds	☐
Q15d	Annuities	☐
Q15e	Long-term care insurance	☐
Q15f	Index-linked guaranteed investment certificate	☐
Q15g	Exchange-traded funds (ETF)	☐

[WE NEED A CHECKBOX OF SOME SORT IN THE THIRD COLUMN AND SAVE RESPONSES AS ONE BINARY VARIABLES PER SUB-QUESTION THAT TAKE THE VALUE 1 WHEN CHECKED AND ZERO WHEN UNCHECKED.]

Q16. How long have you been working as a financial planner? Please indicate your work experience in number of years.

Numeric (0-80)
7777777 Don't know
8888888 Prefer not to say

Q17. Which services do you predominantly provide as a financial planner?

1 Advice on insurance
2 Advice on investments
3 Holistic financial planning (without implementation of advice)
4 Holistic financial planning including implementation of advice (product advice and sales)
7777777 Don't know
8888888 Prefer not to say

Q18. How are you primarily compensated for your services as a financial planner? If none of the available options apply, choose "other".

Q18a	Salary only	☐
Q18b	Salary plus bonus based on achieving sales targets	☐
Q18c	Primarily commissions	☐
Q18d	Primarily Assets under Management	☐
Q18e	Primarily fee for advice	☐
Q18f	Other	☐

[WE NEED A CHECKBOX OF SOME SORT IN THE THIRD COLUMN AND SAVE RESPONSES AS ONE BINARY VARIABLES PER SUB-QUESTION THAT TAKE THE VALUE 1 WHEN CHECKED AND ZERO WHEN UNCHECKED.]

Q19. How often do you consult with or refer clients to other experts, such as a lawyer or an accountant?

1 Frequently
2 Occasionally
3 Rarely
4 Very Rarely
5 Never

7777777 Don’t know
8888888 Prefer not to say

[SECTION 4. SHOW THE FOLLOWING TITLE TO RESPONDENTS:] **Preferences & Characteristics**

Q20. Please evaluate your patience when it comes to making financial decisions for yourself or your household.

1 Very patient
2 Patient
3 Impatient
4 Very impatient
7777777 Don't know
8888888 Prefer not to say

Q21. Which of the following statements comes closest to describing the amount of financial risk that you are willing to take when you save or make investments?

1 I am willing to take substantial financial risks expecting to earn substantial returns
2 I am willing to take above average financial risks expecting to earn above-average returns
3 I am willing to take average financial risks expecting to earn average returns
4 I am willing to take below average financial risks expecting to earn below-average returns
5 I am not willing to take any risk, knowing I will earn a small but certain return

Q22. Please indicate to what degree you agree with each of the following statements.

	I see myself as…	Disagree strongly	Disagree moderately	Disagree a little	Neither agree nor disagree	Agree a little	Agree moderately	Agree strongly	Don't know
Q22a	Extraverted, enthusiastic	☐	☐	☐	☐	☐	☐	☐	☐
Q22b	Critical, quarrelsome	☐	☐	☐	☐	☐	☐	☐	☐
Q22c	Dependable, self-disciplined	☐	☐	☐	☐	☐	☐	☐	☐
Q22d	Anxious, easily upset	☐	☐	☐	☐	☐	☐	☐	☐
Q22e	Open to new experiences, complex	☐	☐	☐	☐	☐	☐	☐	☐
Q22f	Reserved, quiet	☐	☐	☐	☐	☐	☐	☐	☐
Q22g	Sympathetic, warm	☐	☐	☐	☐	☐	☐	☐	☐
Q22h	Disorganized, careless	☐	☐	☐	☐	☐	☐	☐	☐
Q22i	Calm, emotionally stable	☐	☐	☐	☐	☐	☐	☐	☐
Q22j	Conventional, uncreative	☐	☐	☐	☐	☐	☐	☐	☐

[WE NEED A CHECKBOX OF SOME SORT IN EACH COLUMN AND SAVE MUTUALLY EXCLUSIVE RESPONSES PER SUB-QUESTION AS FOLLOWS: 0 Don't know; 1 Disagree strongly 2 Disagree moderately; 3 Disagree a little; 4 Neither agree nor disagree; 5 Agree a little; 6 Agree moderately; 7 Agree strongly]

Q23. Please indicate to what degree you agree with each of the following statements.

		Strongly Agree	Agree	Disagree	Strongly Disagree	Don't know
Q23a	Parents should set aside money to leave to their children or heirs once they die, even when it means somewhat sacrificing their own comfort in retirement	☐	☐	☐	☐	☐
Q23b	Children should inherit their parents' family home	☐	☐	☐	☐	☐
Q23c	A house is an asset that should only be sold in case of financial hardship	☐	☐	☐	☐	☐
Q23d	Being in debt is never a good thing	☐	☐	☐	☐	☐
Q23e	I prefer to live well but for fewer years than to live long and have to sacrifice my quality of life	☐	☐	☐	☐	☐
Q23f	Not investing in shares is a huge mistake on the part of investors	☐	☐	☐	☐	☐
Q23g	Clients often have a good idea of their optimal financial planning strategies before speaking to a financial planner	☐	☐	☐	☐	☐

[WE NEED A CHECKBOX OF SOME SORT IN EACH COLUMN AND SAVE MUTUALLY EXCLUSIVE RESPONSES PER SUB-QUESTION AS FOLLOWS: 5 Strongly Agree; 4 Agree; 3 Disagree; 2 Strongly Disagree; 1 Don't know]

[SECTION 5. SHOW THE FOLLOWING TITLE TO RESPONDENTS:] **Own Financial Behaviour**

Q24. What is your best estimate of your personal income for 2020, from all sources, before taxes and deductions (but net of business or self-employment expenses)?
Numeric (0-9999998) [ADD A "$" BEHIND THE INPUT SPACE]
9999999 Don't know or prefer not to say

[ASK IF Q24==9999999; DISPLAY ON SAME SCREEN]
Q24a Is it more than $60,000?
1 Yes
2 No
7777777 Don't know
8888888 Prefer not to say

[ASK IF Q24a==1; DISPLAY ON SAME SCREEN]
Q24b Is it less than $160,000?
1 Yes
2 No
7777777 Don't know
8888888 Prefer not to say

[ASK IF Q24b==1; DISPLAY ON SAME SCREEN]
Q24c Is it more than $90,000?
1 Yes
2 No
7777777 Don't know
8888888 Prefer not to say

[ASK IF Q24a==2; DISPLAY ON SAME SCREEN]
Q24d Is it more than $30,000?
1 Yes
2 No
7777777 Don't know
8888888 Prefer not to say

Q25. Please indicate your financial planning areas of specialty (select all that apply, if any).

Q25a	Agriculture / farm business planning	☐
Q25b	Credit counselling and bankruptcy	☐
Q25c	Cross-border and international planning	☐
Q25d	Divorce and separation planning	☐
Q25e	Education planning	☐
Q25f	Employee / Group benefit plans	☐
Q25g	Estate planning	☐
Q25h	Executive compensation and benefits	☐

Q25i	Insurance planning	☐
Q25j	Investment planning	☐
Q25k	Mortgages and debt planning	☐
Q25l	Planning for those with disabilities	☐
Q25m	Private banking	☐
Q25n	Responsible investing	☐
Q25o	Retirement planning	☐
Q25p	Small business planning	☐
Q25q	Succession planning	☐
Q25r	Tax planning	☐

[WE NEED A CHECKBOX OF SOME SORT IN THE THIRD COLUMN AND SAVE RESPONSES AS ONE BINARY VARIABLES PER SUB-QUESTION THAT TAKE THE VALUE 1 WHEN CHECKED AND ZERO WHEN UNCHECKED.]

Q26. Please select all of the following products that you own yourself, if any.

Q26a	Universal life insurance	☐
Q26b	Mutual funds	☐
Q26c	Segregated funds	☐
Q26d	Annuity	☐
Q26e	Long-term care insurance	☐
Q26f	Index-linked guaranteed investment certificate	☐
Q26g	Exchange-traded funds (ETF)	☐
Q26h	Real estate	☐

[WE NEED A CHECKBOX OF SOME SORT IN THE THIRD COLUMN AND SAVE RESPONSES AS ONE BINARY VARIABLES PER SUB-QUESTION THAT TAKE THE VALUE 1 WHEN CHECKED AND ZERO WHEN UNCHECKED.]

[ASK IF Q26h==1]

Q27. Please provide your best estimate of the current value of any real estate you own (including your main home, a second home, such as land, rental real estate, or money owed to you on a land contract or mortgage).

Numeric (0-9999998) [ADD A "$" BEHIND THE INPUT SPACE]
9999999 Don't know or prefer not to say

[ASK IF Q2==1 OR Q2==2]

Q28. Please select all of the following products that your spouse or partner owns, if any.

Q28a	Universal life insurance	☐
Q28b	Mutual funds	☐
Q28c	Segregated funds	☐
Q28d	Annuity	☐
Q28e	Long-term care insurance	☐

Q28f	Index-linked guaranteed investment certificate	☐
Q28g	Exchange-traded funds (ETF)	☐
Q28h	Real estate	☐

[WE NEED A CHECKBOX OF SOME SORT IN THE THIRD COLUMN AND SAVE RESPONSES AS ONE BINARY VARIABLES PER SUB-QUESTION THAT TAKE THE VALUE 1 WHEN CHECKED AND ZERO WHEN UNCHECKED.]

Q29. Do you currently participate in a **Defined Benefit (DB) pension plan** offered by your employer? This type of pension plan pays fixed benefits during retirement. The benefits depend on number of years worked and income, but not on the pension plan's returns.

1 Yes
2 No
7777777 Don't know
8888888 Prefer not to say

Q30. Of the following types of assets or plans, please select all that you own/participate in, if any. Also, give us your best estimate of the amount of money in each (account balance) as well as the proportion invested in shares of publicly held corporations (equities), including through mutual funds or investment trusts.

		Ownership	Account balance ($)	Proportion invested in shares
Q30a	Individual RRSPs (Registered Retirement Savings Plans)	☐		
Q30b	Individual TFSAs (Tax-Free Savings Accounts)	☐		
Q30c	Group plans acquired through employer, such as a Group RRSP (offered by the employer; contributions are taken on work income; the employer can contribute to the group RRSP) or a Group TFSA (offered by the employer; contributions are taken on work income; the employer can contribute to the group TFSA)	☐		
Q30d	Defined contribution (DC) pension plan, including simplified pension plans (This type of pension plan pays benefits that depend on the pension plan's returns. You and your employer deposit contributions.)	☐		
Q30e	Other accounts	☐		

[NEED A CHECKBOX OF SOME SORT IN THE "Ownership" COLUMN AND A DROP DOWN MENU FOR EACH CELL IN THE "Proportion invested in shares" COLUMN, WHERE RESPONDENTS CAN SELECT zero OR a quarter OR half OR almost all. ANSWERS IN THE "Account balance" COLUMN ARE: Numeric (0 – 2,000,000). RESPONDENTS CAN ONLY STATE AN ACCOUNT BALANCE AND A FRACTION IF THEY HAVE SELECT THE ASSET OWNERSHIP.
CODING SUGGESTION: SAVE RESPONSES IN TWO VARIABLES PER SUB-QUESTION. VARIABLES Q27a1-Q27e1 TAKE THEIR VALUES FROM COLUMN 1 AND COLUMN 3 AS FOLLOWS. IF OWNERSHIP IS UNSELECTED, THE VALUE IS 1 AND NO FRACTION CAN BE SPECIFIED. IF OWNERSHIP IS SELECTED, THE VALUE OF THE VARIABLE IS EITHER 2, 3, 4, OR 5, DEPENDING ON THE SELECTION IN COLUMN 3: 1 OWNERSHIP UNCHECKED, 2 Zero, 3 A quarter, 4 Half, 5 Almost all. THE SECOND VARIABLE Q27a2-Q27e2 TAKES ITS VALUE FROM COLUMN 2 (NUMERIC BETWEEN 0 AND 2,000,000). ALTERNATIVELY, IF THE PROGRAMMING OF Q27a1-Q27e1 IS TOO COMPLICATED, WE COULD CREATE 3 VARIABLES PER SUB-QUESTION, ONE FOR EACH COLUMN. THEN, THE FIRST ONE FOR THE OWNERSHIP SELECTION IN COLUMN 1 IS BINARY, THE ACCOUNT BALANCE VALUE IN COLUMN 2 IS NUMERIC (BETWEEN 0 AND 2,000,000) AND THE FRACTION IN COLUMN 3 IS CATEGORICAL (2, 3, 4, or 5).]

9999999 Don't know or prefer not to say

Q31. Please provide your best estimate of any outstanding debt that you have.
Numeric (0-9999998) [ADD A "$" BEHIND THE INPUT SPACE]
9999999 Don't know or prefer not to say

[ASK IF Q31==9999999; DISPLAY ON SAME SCREEN]
Q31a
Is it more than [NUMERICAL ANSWER TO Q27, MINIMUM $100,000; IF Q27==9999999, SET TO $500,000; IF SKIPPED Q27, SET TO $100,000]?
1 Yes
2 No
9999999 Don't know or prefer not to say

[ASK IF Q31a==2; DISPLAY ON SAME SCREEN]
Q31b
Is it less than [0.5*AMOUNT USED IN Q31a]?
1 Yes
2 No
9999999 Don't know or prefer not to say

Q32. What do you expect the return of the Canadian stock market to be over the next 12 months? (Think of a broad index, such as the TSX.)
Percent (-1000.00-1000.00) [BOX WITH % SIGN NEXT TO IT; ALLOW AT MOST TWO DECIMALS]
7777777 Don't know

Q33. How confident are you about your response to the previous question?
1 Extremely confident
2 Very confident
3 Somewhat confident
4 Not very confident
5 Not at all confident
7777777 Don't know
8888888 Prefer not to say

Q34. In this question, we present you with ten possible outcomes below for stock market returns over the next 12 months, and we ask you to indicate the chances that each scenario will occur.

Please type in the number to indicate the percentage probability that you attach to each outcome. The probabilities of the ten possible outcomes have to sum up to 100%. (Please answer only with values between 0 and 100 with at most two decimals.)

The Canadian stock market return (think of a broad index, such as the TSX) over the next year will be…

more than 40%	Percent [BOX WITH % SIGN NEXT TO IT] (RANGE: 0% TO 100%, ALLOW AT MOST TWO DECIMALS)
between 30% and 40%	Percent [BOX WITH % SIGN NEXT TO IT] (RANGE: 0% TO 100%, ALLOW AT MOST TWO DECIMALS)
between 20% and 30%	Percent [BOX WITH % SIGN NEXT TO IT] (RANGE: 0% TO 100%, ALLOW AT MOST TWO DECIMALS)
between 10% and 20%	Percent [BOX WITH % SIGN NEXT TO IT] (RANGE: 0% TO 100%, ALLOW AT MOST TWO DECIMALS)
between 0% and 10%	Percent [BOX WITH % SIGN NEXT TO IT] (RANGE: 0% TO 100%, ALLOW AT MOST TWO DECIMALS)
between -10% and 0 %	Percent [BOX WITH % SIGN NEXT TO IT] (RANGE: 0% TO 100%, ALLOW AT MOST TWO DECIMALS)
between -20% and -10 %	Percent [BOX WITH % SIGN NEXT TO IT] (RANGE: 0% TO 100%, ALLOW AT MOST TWO DECIMALS)
between -30% and -20 %	Percent [BOX WITH % SIGN NEXT TO IT] (RANGE: 0% TO 100%, ALLOW AT MOST TWO DECIMALS)
between -40% and -30 %	Percent [BOX WITH % SIGN NEXT TO IT] (RANGE: 0% TO 100%, ALLOW AT MOST TWO DECIMALS)
less than -40%	Percent [BOX WITH % SIGN NEXT TO IT] (RANGE: 0% TO 100%, ALLOW AT MOST TWO DECIMALS)
Total	["CELL A" SEE INSTRUCTIONS BELOW]

[CELL A SHOULD DISPLAY THE AUTOMATICALLY CALCULATED SUM OF THE CELLS ABOVE. IF THIS SUM IN CELL A IS SMALLER THAN 100% WHEN THE PARTICIPANT CONTINUES TO THE NEXT SECTION, THERE SHOULD BE AN ERROR MESSAGE SAYING "YOU HAVE NOT ALLOCATED 100%. " IF THE SUM IS GREATER THAN 100% WHEN THE PARTICIPANT CONTINUES TO THE NEXT SECTION, THERE

SHOULD BE AN ERROR MESSAGE SAYING "YOU HAVE ALLOCATED MORE THAN 100%.".]

Q35. Please indicate how you would assess your own financial advice compared to other financial planners.

1 It is better than average
2 It is about the same
3 It is worse than the average
7777777 Don't know
8888888 Prefer not to say

Q36. When considering your own investments in the next three months, do you have confidence in beating the market as a whole?

1 Yes, very much
2 Yes, I have some confidence
3 No, I have no confidence at all
7777777 Don't know
8888888 Prefer not to say

[SECTION 6. SHOW THE FOLLOWING TITLE TO RESPONDENTS:] **Prizes**

We thank you for your participation in this survey.

Congratulations: you are now eligible for the random draw of 20 Amazon e-gift cards, ranging from $50 to $500 in value. Odds of winning depend on the total number of survey respondents who take part in the draw; please allow 4 to 6 weeks before receiving your e-gift card should you win.

Q37. Please provide your email address below for the purpose of transferring your Amazon e-gift card **in the event you are selected by the computer once the survey is closed**. Your email address will only be used for this purpose and will not be kept on file nor shared with the research team.

String [THE INPUT MUST CONTAIN A "@" AND A ".". OTHERWISE, THERE SHOULD BE AN ERROR MESSAGE SAYING "Please provide a valid email address."]

1 I do not want to provide my email address and I do not want to be eligible to receive an Amazon e-gift card.

[ASK IF Q37 IS NOT 1]

Q38. Please repeat your email address below for the purpose of transferring the Amazon e-gift card.

String [THE INPUT MUST EQUAL THE INPUT FOR Q37. OTHERWISE, THERE SHOULD BE AN ERROR MESSAGE SAYING "The email address must match the email address provided above."]

[NEXT SCREEN]

Independently from, and in addition to, the random draw previously mentioned, FP Canada is offering 0.5 continuing education credit to all survey participants on a voluntary basis. Your decision on whether to claim this credit will have no impact on any current or future relationships between you and FP Canada.

Q39. Please indicate whether you wish to obtain 0.5 continuing education credit. If you claim the credit, FP Canada will be informed of your participation in this survey in order to record your credit, but **neither FP Canada nor the research team at HEC Montréal will ever be able to identify your individual survey responses. These will remain completely anonymous.**

1 I wish to obtain 0.5 continuing education credit, and I understand that FP Canada will be informed of my participation in this survey.

2 I **do not** wish to obtain 0.5 continuing education credit.

[APPENDIX: THE FOLLOWING TABLES ARE INTENDED FOR PROGRAMMERS ONLY AND SHOULD NOT BE SHOWN TO THE PARTICIPANTS]

TABLE 1 VARIABLES

VARIABLES	POSSIBLE OUTCOMES	PROBABILITIES OF OUTCOMES	VALUES OF OUTCOMES
NAME_S	1, 2, 3, 4	$1/4, 1/4, 1/4, 1/4$	James, Peter, Sally, Monica
APR	1, 2, 3	$1/3, 1/3, 1/3$	2.5%, 5%, 7.5%
MTR	1, 2	$1/2, 1/2$	30%, 50%
SOLICIT_S	0, 1	$1/2, 1/2$	0: No prompt; 1: "The client inquires about the option of investing the money in the UL policy."
NAME_L	1, 2, 3, 4	$1/4, 1/4, 1/4, 1/4$	John, Paul, Suzie, Mary
BEQUEST_L	1, 2	$1/2, 1/2$	alone and has no children, with his/her partner who is 10 years younger
RATE_L	1, 2, 3	$1/3, 1/3, 1/3$	4%, 6%, 10%
HEALTH_L	1, 2, 3	$1/3, 1/3, 1/3$	excellent (above average), good (average), poor (below average)
SOLICIT_L	0, 1	$1/2, 1/2$	0: No prompt; 1: "The client inquires about the option of investing in mutual funds."
PAYOUT	1, 2	$1/2, 1/2$	1: 15,750 2: 14,000

COMP	0, 1	$1/2, 1/2$	0: No prompt; 1: "where the investment sale contributes towards your compensation."
NAME_C	1, 2, 3, 4	$1/4, 1/4, 1/4, 1/4$	Joe, Justin, Sophie, Isabelle
BORROW	1, 2, 3	$1/3, 1/3, 1/3$	1.5%, 2.5%, 3.5%
HEALTH_C	1, 2, 3	$1/3, 1/3, 1/3$	excellent (above average), good (average), poor (below average)
RATE_C	1, 2, 3	$1/3, 1/3, 1/3$	2%, 3%, 5%
SOLICIT_C	0, 1	$1/2, 1/2$	0: No prompt; 1: "The client inquires about the option of clearing mortgage with his retirement savings."
NAME_I	1, 2, 3, 4	$1/4, 1/4, 1/4, 1/4$	Mike, Greg, Linda, Kate
MUTFEES	1, 2, 3	$1/3, 1/3, 1/3$	1%, 2%, 3%
SEGFEES	1, 2, 3	$1/3, 1/3, 1/3$	2%, 3%, 4%
SOLICIT_I	0, 1	$1/2, 1/2$	0: No prompt; 1: "The client inquires about the option of investing in an exchange-traded fund (ETF)."