

What features of fertility treatment do patients value? Price elasticity and willingness-to-pay values from a discrete choice experiment

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Conflicts of interest

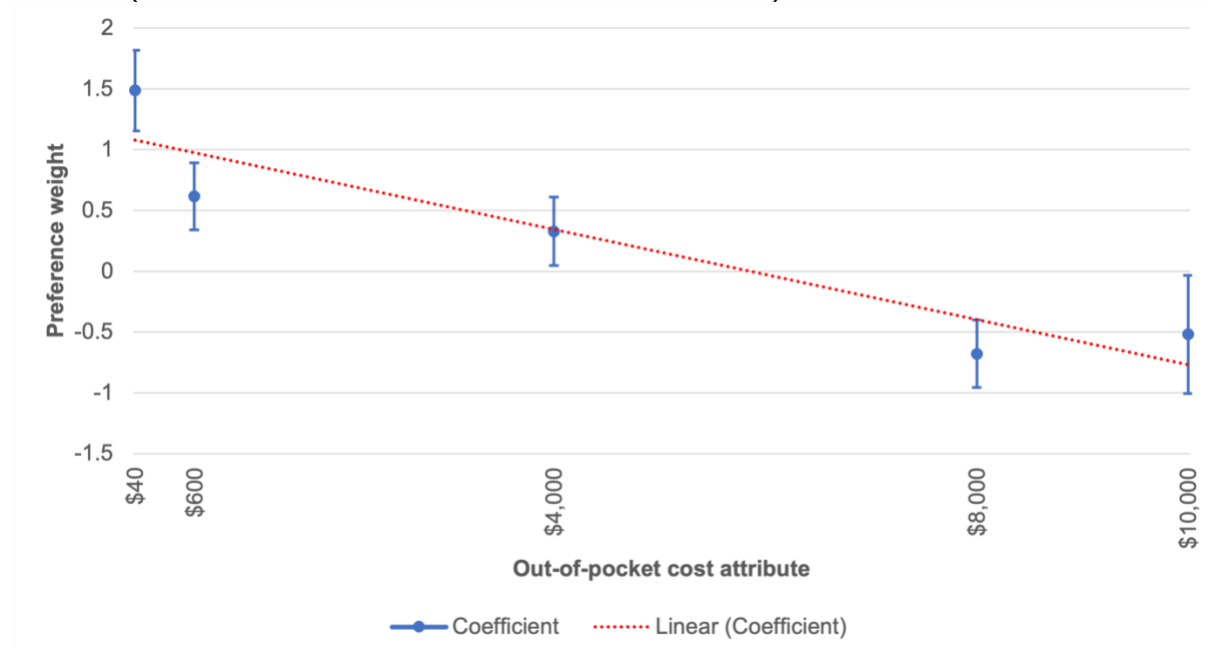
GMC declares that the Fertility Society of Australia and New Zealand provides funding for the University of New South Wales (UNSW), Sydney, to manage the Australia and New Zealand Assisted Reproduction Database (ANZARD). GMC is the Data Custodian of ANZARD and an employee of UNSW. EK and WB report no conflicts of interest.

Appendix A: Additional Tables and Figures

Appendix Table A1: Fertility treatment attributes and their levels explored in the discrete choice experiment.

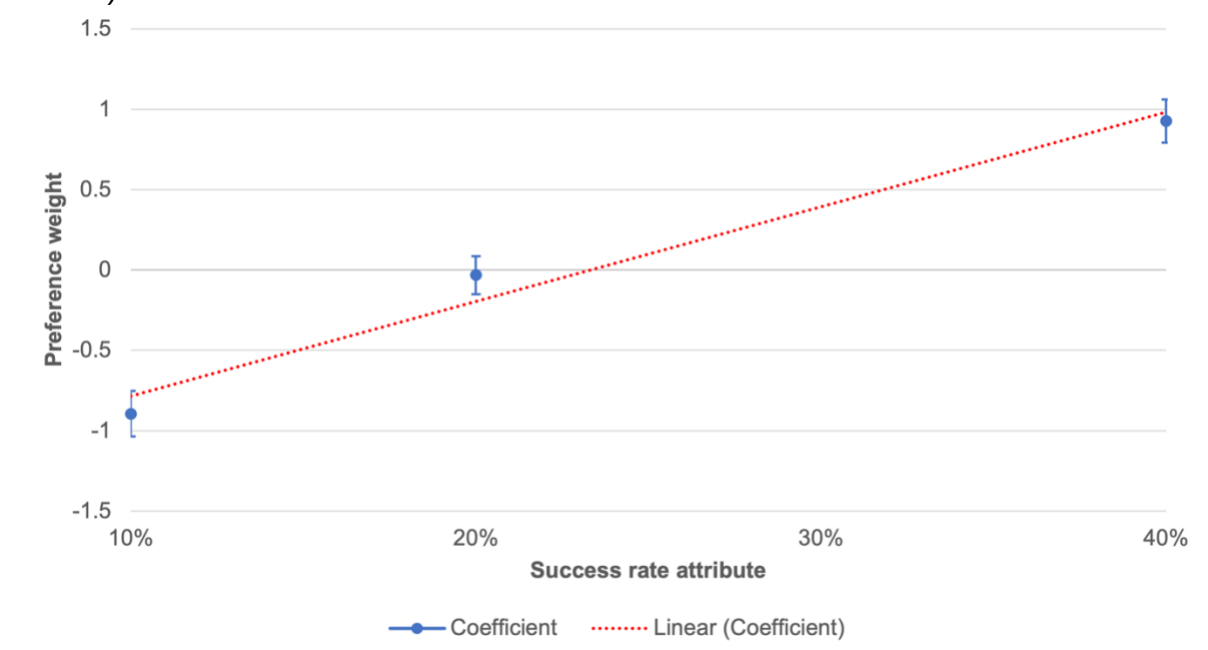
Attribute	Description	Levels
Outcome attributes		
Side effects	Severity of fertility treatment side effects	- Negligible, causing no problems performing usual activities - Moderate, causing some problems performing usual activities - Significant, causing major problems performing usual activities
Success rate per treatment cycle	Likelihood that each treatment cycle will result in the birth of a baby	- 10% chance of having a baby - 20% chance of having a baby - 40% chance of having a baby
Process attributes		
Counselling and peer support	Level of professional counselling and whether peer support groups are offered	- No information on counselling or peer support groups provided - Brochures provided on external counselling and peer support groups - Onsite clinic counsellors and peer support groups provided
Treatment journey	Extent of personalization and tailoring of the treatment journey to each patient	- Same treatment pathway for all patients - Some level of personalized treatment based on upfront tests - High level of tailored, personalized treatment based on detailed patient tests
Continuity of care of clinic staff	Whether patients are seen by the same staff during each treatment cycle	- Patients are seen by different doctors and nurses each visit - Patients are seen by the same doctor but different nurses at each visit - Patients are seen by the same team of fertility doctors and nurses at each visit
Availability of "alternative" experimental treatments	Whether there is an option to have "alternative" experimental treatment included as an add-on to standard treatment	- No "alternative" treatments available - "Alternative" treatments may be considered if requested by patient - "Alternative" treatments offered to all patients
Cost attribute		
Cost of treatment	Out-of-pocket costs for the fertility treatment program	- \$40 in out-of-pocket costs - \$600 in out-of-pocket costs - \$4,000 in out-of-pocket costs - \$8,000 in out-of-pocket costs - \$10,000 in out-of-pocket costs

Appendix Figure A1: Test for non-linearity of the cost attribute by including the cost attribute as categorical variable in the model, where the figure shows preference weights for the cost attribute (vertical bars indicate the 95% confidence interval).



Notes: The figure suggests that, taking into account the confidence interval around the preference weights, a linear relationship is a reasonable assumption and other common relationships for costs such as a log-normal relationship do not fit the data better.

Appendix Figure A2: Test for non-linearity of the success rate attribute by including the success rate attribute as categorical variable in the model, where the figure shows preference weights for the success rate attribute (vertical bars indicate the 95% confidence interval).



Notes: The figure suggests that, taking into account the confidence interval around the preference weights, a linear relationship is a reasonable assumption for the success rate attribute.

Appendix Table A2: Socio-demographic characteristics of respondents participating in the discrete choice experiment from an *ex-post* perspective.

Category	n (%)
Gender	
Female	376 (100%)
Are you currently or have you previously received fertility treatment?	
Yes	376 (100%)
Age range (years)	
18-24	20 (5.32%)
25-34	96 (25.53%)
35-40	87 (23.14%)
41-54	122 (32.45%)
55-64	46 (12.23%)
65+	5 (1.33%)
Marital status	
Never married	37 (9.84%)
Married	256 (68.09%)
De facto	43 (11.44%)
Separated/Divorced	35 (9.31%)
Widowed	4 (1.06%)
Prefer not to say	1 (0.27%)
Do you have any private insurance?	
Yes	263 (69.95%)
No	113 (30.05%)
Employment status	
Work full-time	141 (37.50%)
Work part-time	132 (35.11%)
Retired/unable to work	18 (4.79%)
Full-time student	4 (1.06%)
Unemployed	16 (4.26%)
Full-time care-giver/stay-at-home parent	65 (17.29%)
Level of education	
Did not finish year 12 (High School)	31 (8.24%)
Graduated from year 12	43 (11.44%)
Certificate/trade/TAFE	136 (36.17%)
University qualification	166 (44.15%)
Family income before tax (Australian dollars)	
<\$25,000	21 (5.59%)
\$25,000-\$49,999	43 (11.44%)
\$50,000-\$99,999	136 (36.17%)
\$100,000-\$150,000	92 (24.47%)
>\$150,000	49 (13.03%)
Prefer not to say	35 (9.31%)
Do you think fertility treatment should be subsidized by Australian government through Medicare?	
Yes	339 (90.16%)
No	37 (9.84%)
Do you think fertility treatment should be available to same-sex couples?	
Yes	219 (58.24%)
No	81 (21.54%)
Undecided	76 (20.21%)
Do you think fertility treatment should be available to single people?	
Yes	223 (59.31%)
No	81 (21.54%)
Undecided	72 (19.15%)

Appendix Table A3: Difference in preference weights between levels of each attribute based on random parameter logit (RPL) model.

Attribute	From	To	Difference in preference weights	95% Confidence interval
Side effects	Moderate	Negligible	0.4383***	0.2460, 0.6306
	Significant	Negligible	0.7172***	0.4628, 0.9716
	Significant	Moderate	0.2789*	0.0651, 0.4927
Success rate	20%	40%	1.5572***	1.2842, 1.8302
	10%	40%	2.3358***	1.9264, 2.7452
	10%	20%	0.7786***	0.6422, 0.9150
Counselling & peer support	Brochures	On-site	0.7680***	0.5957, 0.9403
	No information	On-site	0.1757*	0.0377, 0.3137
	No information	Brochures	-0.5923***	-0.7726, -0.4120
Treatment journey	Some level of personalized treatment	High level of personalized treatment	-0.5696**	-0.9144, -0.2248
	Same treatment pathway	High level of personalized treatment	0.1139	-0.0145, 0.2423
	Same treatment pathway	Some level of personalized treatment	0.6836***	0.3090, 1.0582
Continuity of care	Patients seen by same doctor but different nurses	Patients seen by same team of doctors and nurses	0.6585***	0.3335, 0.9835
	Patients seen by different doctors and nurses	Patients seen by same team of doctors and nurses	0.4098***	0.3153, 0.5043
	Patients seen by different doctors and nurses	Patients seen by same doctor but different nurses	-0.2487	-0.5792, 0.0818
Availability of experimental treatments	May be considered if requested	Offered	0.6283***	0.3304, 0.9262
	Not available	Offered	0.1069	-0.0377, 0.2515
	Not available	May be considered if requested	-0.5214**	-0.8472, -0.1956
Out-of-pocket costs ^a	\$600	\$40	0.0831**	0.0327, 0.1335
	\$4,000	\$40	0.5879**	0.2320, 0.9438
	\$8,000	\$40	1.1817**	0.4663, 1.8971
	\$10,000	\$40	1.4786**	0.5835, 2.3737
	\$4,000	\$600	0.5047**	0.1991, 0.8103
	\$8,000	\$600	1.0985**	0.4335, 1.7635
	\$10,000	\$600	1.3955**	0.5507, 2.2403
	\$8,000	\$4,000	0.5938**	0.2343, 0.9533

Attribute	From	To	Difference in preference weights	95% Confidence interval
	\$10,000	\$4,000	0.8907**	0.3515, 1.4299
	\$10,000	\$8,000	0.2969**	0.1172, 0.4766

Notes: *, p value <0.05; **, p value <0.01; ***, p value <0.001. ^a Interaction effects between family income and the treatment cost attribute were included in the RPL model, but none of the interaction effects were significant, which is why the difference in preference weights for the out-of-pocket cost attribute levels is only shown for the family income base level of <\$25,000.

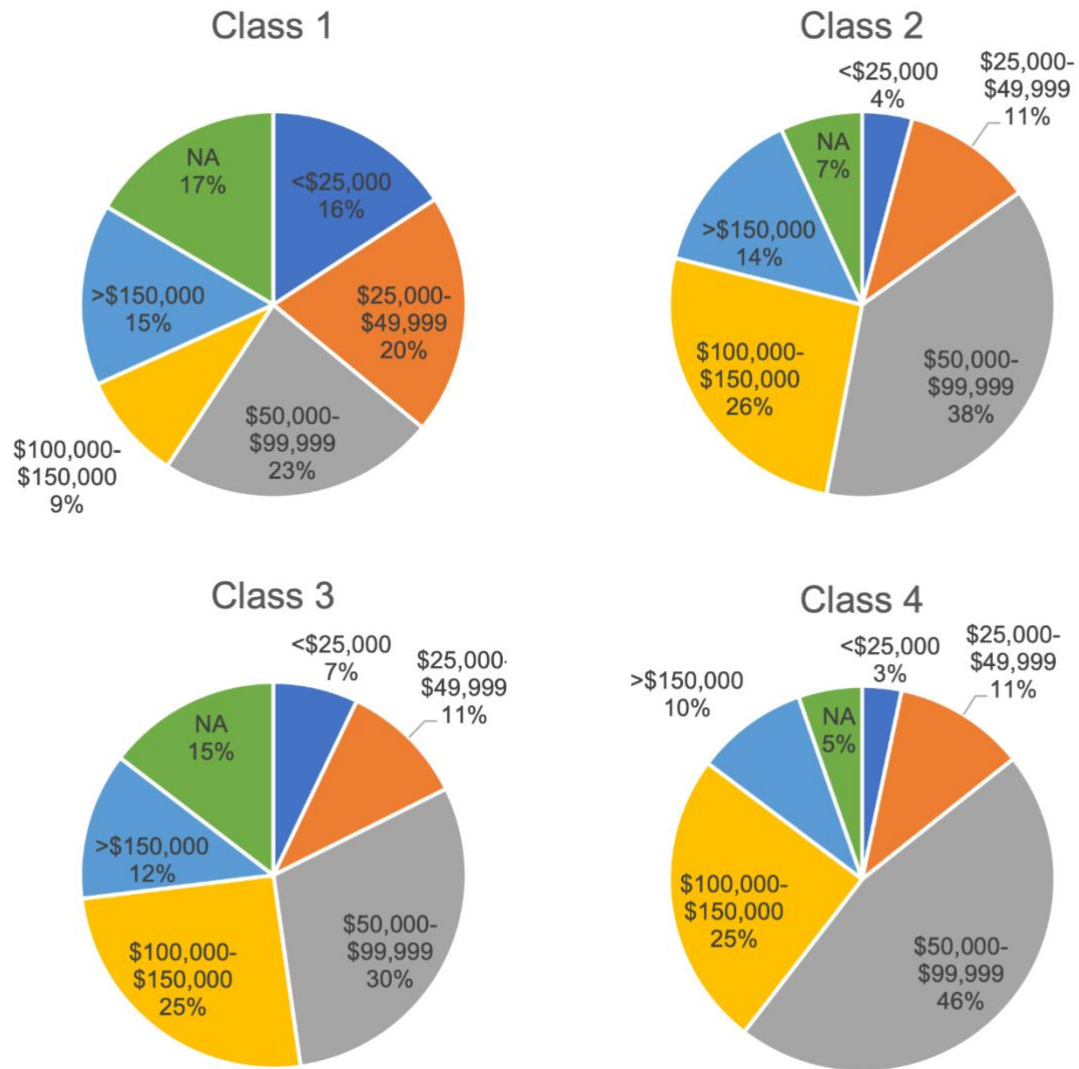
Appendix Table A4: Difference in preference weights between levels of each attribute based on latent class model with four classes.

Attribute	From	To	Class 1		Class 2		Class 3		Class 4	
			Difference	95% CI	Difference	95% CI	Difference	95% CI	Difference	95% CI
Side effects	Moderate	Negligible	-0.1983	-1.2969, 0.9003	0.1808*	0.0309, 0.3307	0.0214	-0.1609, 0.2037	0.2340	-0.5429, 1.0109
	Significant	Negligible	3.1546	-0.1758, 6.4850	0.2265*	0.0111, 0.4419	0.4979***	0.2084, 0.7874	0.6554	-0.9536, 2.2644
	Significant	Moderate	3.3529*	0.0852, 6.6206	0.0457	-0.2283, 0.3197	0.4765**	0.1351, 0.8179	0.4214	-1.7895, 2.6323
Success rate	20%	40%	1.7689	-0.2817, 3.8195	1.4676***	1.1081, 1.8271	1.3368***	0.9221, 1.7515	1.4587*	0.3007, 2.6167
	10%	40%	2.6533	-0.4225, 5.7291	2.2014***	1.6622, 2.7406	2.0052***	1.3833, 2.6271	2.1881*	0.4513, 3.9249
	10%	20%	0.8844	-0.1409, 1.9097	0.7338***	0.5541, 0.9135	0.6684***	0.4610, 0.8758	0.7294*	0.1504, 1.3084
Counselling & peer support	Brochures	On-site	0.2243	-2.0956, 2.5442	0.9221***	0.6465, 1.1977	0.3605*	0.0185, 0.7025	1.4416*	0.2364, 2.6468
	No information	On-site	0.2230	-1.5624, 2.0084	0.3293***	0.1919, 0.4667	0.2066	-0.0163, 0.4295	0.5304*	0.1143, 0.9465
	No information	Brochures	-0.0013	-1.1777, 1.1751	-0.5928***	-0.7682, -0.4174	-0.1539	-0.3360, 0.0282	-0.9112	-1.9355, 0.1131
Treatment journey	Some level of personalized treatment	High level of personalized treatment	-0.2099	-1.7558, 1.3360	-0.0141	-1.4139, 1.3857	-0.6506**	-1.0791, -0.2221	-4.9380**	-8.5450, -1.3310
	Same treatment pathway	High level of personalized treatment	0.4006	-0.4314, 1.2326	0.0008	-0.4110, 0.4126	-0.1083	-0.2871, 0.0705	-1.8321*	-3.3601, -0.3041
	Same treatment pathway	Some level of personalized treatment	0.6105	-0.5269, 1.7479	0.0149	-0.9829, 1.0127	0.5423***	0.2561, 0.8285	3.1059**	0.9785, 5.2333
Continuity of care	Patients seen by same doctor but different nurses	Patients seen by same team of doctors and nurses	-0.6961	-4.1463, 2.7541	-0.0557	-1.3863, 1.2749	0.4825	-0.0042, 0.9692	8.4422***	7.8403, 9.0441
	Patients seen by different doctors and nurses	Patients seen by same team of doctors and nurses	0.0982	-1.0945, 1.2909	0.1848	-0.1994, 0.5690	0.3135***	0.1449, 0.4821	2.2734***	1.9786, 2.5682

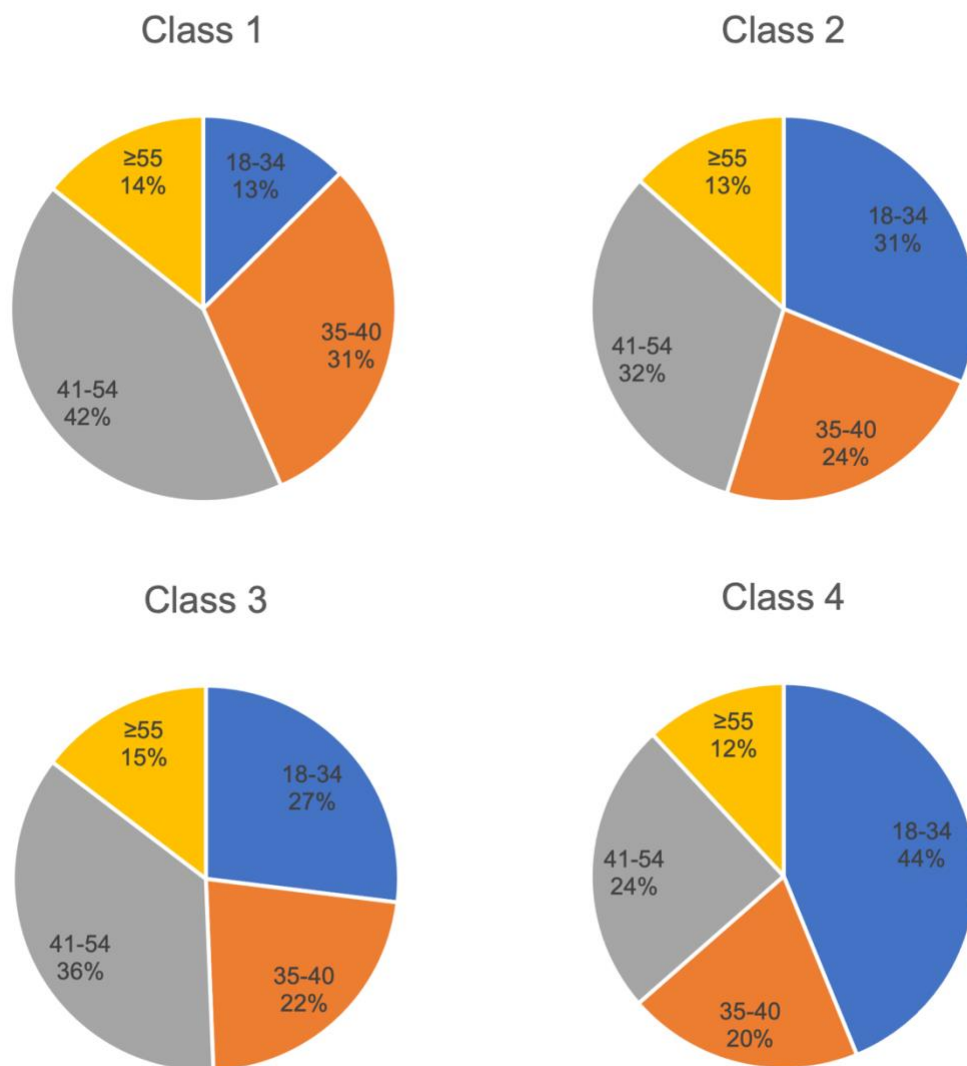
Attribute	From	To	Class 1		Class 2		Class 3		Class 4	
			Difference	95% CI	Difference	95% CI	Difference	95% CI	Difference	95% CI
	Patients seen by different doctors and nurses	Patients seen by same doctor but different nurses	0.7943	-1.7510, 3.3396	0.2405	-0.7111, 1.1921	-0.1689	-0.5137, 0.1759	-6.1688***	-6.9308, -5.4068
Availability of experimental treatments	May be considered if requested	Offered	0.5542	-1.1933, 2.3017	0.2557	-0.7125, 1.2239	0.4913*	0.0852, 0.8974	3.0841***	1.3219, 4.8463
	Not available	Offered	0.1038	-0.8931, 1.1007	0.1131	-0.1713, 0.3975	0.1040	-0.0408, 0.2488	1.4133*	0.1683, 2.6583
	Not available	May be considered if requested	-0.4504	-1.8528, 0.9520	-0.1426	-0.8451, 0.5599	-0.3873*	-0.7266, -0.0480	-1.6708*	-3.0624, -0.2792
Out-of-pocket costs	\$600	\$40	0.1901	-0.0130, 0.3932	0.0403***	0.0213, 0.0593	0.1181***	0.0899, 0.1463	0.4112**	0.1519, 0.6705
	\$4,000	\$40	1.3444	-0.0913, 2.7801	0.2850***	0.1500, 0.4200	0.8348***	0.6349, 1.0347	2.9081**	1.0741, 4.7421
	\$8,000	\$40	2.7023	-0.1836, 5.5882	0.5729***	0.3014, 0.8444	1.6780***	1.2760, 2.0800	5.8456**	2.1592, 9.5320
	\$10,000	\$40	3.3813	-0.2298, 6.9924	0.7169***	0.3772, 1.0566	2.0996***	1.5967, 2.6025	7.3143**	2.7018, 11.9268
	\$4,000	\$600	1.1543	-0.0783, 2.3869	0.2447***	0.1287, 0.3607	0.7167***	0.5450, 0.8884	2.4968**	0.9223, 4.0713
	\$8,000	\$600	2.5122	-0.1708, 5.1952	0.5326***	0.2802, 0.7850	1.5599***	1.1863, 1.9335	5.4343**	2.0072, 8.8614
	\$10,000	\$600	3.1912	-0.2168, 6.5992	0.6766***	0.3559, 0.9973	1.9816***	1.5069, 2.4563	6.9030**	2.5498, 11.2562
	\$8,000	\$4,000	1.358	-0.0922, 2.8082	0.2879***	0.1515, 0.4243	0.8432***	0.6411, 1.0453	2.9375**	1.0851, 4.7899
	\$10,000	\$4,000	2.0369	-0.1385, 4.2123	0.4319***	0.2273, 0.6365	1.2648***	0.9618, 1.5678	4.4062**	1.6275, 7.1849
	\$10,000	\$8,000	0.6790	-0.0462, 1.4042	0.1440***	0.0758, 0.2122	0.4216***	0.3207, 0.5225	1.4687**	0.5424, 2.3950

Notes: *, p value <0.05; **, p value <0.01; ***, p value <0.001. CI, Confidence Interval.

Appendix Figure A3:Class membership by annual family income category in latent class model with four classes.



Appendix Figure A4: Class membership by respondent age (in years) in latent class model with four classes.



Appendix Table A5: Price elasticities for fertility treatments.

Study	Country	Method	Type of fertility treatment	Price elasticity estimates
Darvishi, Goudarzi [1]	Iran	Contingent valuation study (WTP & WTA approach) from ex ante (couples who were not aware of their fertility status) and ex post perspectives (couples who knew they were infertile)	IUI, IVF	-1.48 (IUI); -1.32 (IVF)
Hamilton, Jungheim [2]	USA	Policy simulations using a dynamic model based on market data	IVF	-1.33 to -1.28
Connolly, Griesinger [3]	Germany	Natural experiment (introduction of a 50% co-payment)	IVF, ICSI	-0.41 to -0.38 (IVF); -0.34 to -0.09 (ICSI)
Chambers, Sullivan [4]	Australia, Scandinavia, Japan, UK, Canada, USA	Market data for autologous IVF treatment	ART	0.33 (Australia); -1.78 (Scandinavia); -1.12 (Japan); -1.55 (UK); 0.73 (Canada)
Chambers, Hoang [5]	30 high- and upper-middle income countries with gross domestic product of ≥US\$8,800 per capita	OLS regression based on market data for ART to estimate the association between consumer cost (i.e. affordability) and ART utilization	ART	-3.2
Collins [6]	25 countries	Average price elasticity calculated from the ratio of the differences in IVF cycle costs and utilization in 24 countries relative to the USA	IVF	-3.18

Notes: ART: assisted reproductive technology, ICSI: intracytoplasmic sperm injection, IUI: intra-uterine insemination, IVF: *in vitro* fertilization, OLS: ordinary least squares.

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Appendix B: Sample questionnaire

Survey to gather your opinion about which characteristics of fertility treatment are important

Thank you for taking the time to complete this survey. The survey should take about 20 minutes of your time. We want to learn about the features and characteristics of fertility treatment that people think are more or less important to them. The study will help to inform policies and practice about patient-centred fertility treatment in Australia.

Participant Information Statement

Who is conducting this research?

The National Perinatal Epidemiology and Statistics Unit (NPESU) of the University of New South Wales (UNSW Sydney) is undertaking this research with funding from the National Health and Medical Research Council (NHMRC).

The study has been approved by the University of New South Wales Human Research Ethics Committee (HEC 17255).

The study results will be published in peer-reviewed journals and presented at scientific conferences. If you would like to receive a copy of the results, contact ivfstudy@unsw.edu.au.

Do I have to take part in this research study?

Participation in this survey is completely voluntary. If you do not want to take part, you do not have to.

Are there any risks involved? What if I have a complaint or any concerns about the research study?

We don't expect the questions to cause any harm or discomfort. However, if you experience feelings of distress or have any complaints or concerns because of participation, you can contact the following:

For distress or further information	For any concerns or complaints
Associate Professor Georgina Chambers	UNSW Human Ethics Coordinator
Director of the National Perinatal Epidemiology and Statistics Unit	Telephone: [REDACTED]
	Email: [REDACTED]
	Reference Number: HC17255

Telephone: [REDACTED]

Email: [REDACTED]

What will happen to information about me?

Your data is anonymous and will be kept for an indefinite period on a secure computer in the UNSW IT repository which will be accessible by authorised UNSW personnel only. Data files in the UNSW IT repository are password protected and a robust backup strategy is in place.

The information you provide is personal information for the purposes of the Privacy and Personal Information Protection Act 1998 (NSW). You have the right of access to personal information held about you by the University, the right to request correction and amendment of it, and the right to make a complaint about a breach of the Information Protection Principles as contained in the Privacy and Personal Information Protection Act 1998 (PIIP Act). Further information on how the University protects personal information is available in the UNSW Privacy Management Plan

(<https://www.legal.unsw.edu.au/compliance/privacy/mgtplan.html>).

Before you proceed to the survey, we need to confirm you meet all the criteria below to take part. Please click the appropriate button below:

1. I am aged 18 or older ☐ Yes ☐ No
2. I am an Australian citizen or resident ☐ Yes ☐ No
3. I speak English ☐ Yes ☐ No
If 'No' in 1, 2 and 3 terminate
4. What is your gender:
☐ Female
☐ Male (do not qualify)
☒ Other (do not qualify)
5. Are you currently or have you previously received fertility treatment?
☒ Yes ☐ No (do not qualify)

[show 1, 2, 3, 4 and 5 on the same page]

To proceed, please click on the declarations below and then on " > " to start the survey.

1. I understand I am being asked to provide consent to participate in this research study and by clicking on the YES button below and commencing the survey I am providing my consent to participate
 2. I have read the Participant Information Statement about this survey
 3. I provide consent for the information collected about me to be used for the purpose of this research study only
 4. I understand that I can ask questions and the research team will respond in a timely manner
 5. I freely agree to participate in this study as described and understand that I am free to withdraw at any time during the survey (prior to submission) and that withdrawal from the study will not affect my relationship with any of the named organisations and/or research team members.
- ☐ Yes ☐ No (do not qualify)
-

Fertility treatment characteristics

Instructions

The survey presents a series of scenarios about fertility treatment and asks you to choose between two fertility treatment programs - Treatment A or Treatment B. Each of these programs will differ in the following characteristics which might make one treatment program more desirable than the other. Please reflect on all the characteristics of each treatment program before making your decision and make your choice as if you were making it in real life.

Characteristics

1. Side-effects. This is the extent of nausea, headaches, mood swings and pain associated with the fertility treatment.
2. Counselling and peer-support. This refers to the level of professional counselling provided and whether the treatment program offers peer-support groups.
3. Success rate per treatment cycle. This is the chance that each treatment cycle will result in a baby.
4. Treatment journey. This is the extent that the treatment journey is personalised and tailored for each patient.
5. Continuity of care of clinic staff. This relates to how often the patients are seen by the same fertility clinic staff during each treatment cycle.
6. Availability of 'alternative' experimental treatments. This refers to whether there is an option to have 'alternative' experimental treatment included as an add-on to standard treatment.

7. Cost of treatment. This is the cost of treatment per cycle as an out-of-pocket expense that you would have to pay.

First, we provide you with an example of a choice task. Please hold your cursor over the characteristic to remind yourself of the definition. Now, think about how the two fertility treatment programs differ from each other in terms of their characteristics.

Example:

Characteristics	Treatment A	Treatment B
Side-effects	Significant, causing major problems performing usual activities	Significant, causing major problems performing usual activities
Counselling and peer-support	Brochures provided on external counselling and peer-support groups	No information on counselling or peer-support groups provided
Success rate per treatment cycle	10% chance of having a baby	10% chance of having a baby
Treatment journey	Some level of personalised treatment based on upfront tests	Some level of personalised treatment based on upfront tests
Continuity of care of clinic staff	Patients are seen by the same doctor but different nurses at each visit	Patients are seen by the same doctor but different nurses at each visit
Availability of 'alternative' experimental treatments	'Alternative', treatments may be considered if requested by patient	'Alternative', treatments may be considered if requested by patient
Cost of treatment	\$8,000	\$4,000

Which of the treatment programs - Treatment A or Treatment B - would you prefer you had access to? You may also select 'Neither' of the options if you would not choose either.

(Choose one option only)

☐ Treatment A ☐ Treatment B ☐ Neither

Now click ">" to proceed to the 12 choice tasks that follow. Remember to reflect on all the characteristics of each treatment program before making your decision and make your choice as if you were making it in real life.

(each choice task on its own page and no backwards button)

Choice task 1

Characteristics	Treatment A	Treatment B
Side-effects	Moderate, causing some problems performing usual activities	Moderate, causing some problems performing usual activities
Counselling and peer-support	No information on counselling or peer-support groups provided	Onsite clinic counsellors and peer-support groups provided
Success rate per treatment cycle	20% chance of having a baby	20% chance of having a baby
Treatment journey	Some level of personalised treatment based on upfront tests	Some level of personalised treatment based on upfront tests
Continuity of care of clinic staff	Patients are seen by different doctors and nurses each visit	Patients are seen by the same team of fertility doctors and nurses each at visit
Availability of 'alternative' experimental treatments	'Alternative', treatments offered to all patients	No 'alternative', treatments available
Cost of treatment	\$4,000	\$600

Which fertility treatment program would you prefer you had access to?
(Choose one option only)

- ☐ Treatment A ☐ Treatment B ☐ Neither

Choice task 2

Characteristics	Treatment A	Treatment B
Side-effects	Significant, causing major problems performing usual activities	Negligible, causing no problems performing usual activities
Counselling and peer-support	Brochures provided on external counselling and peer-support groups	Brochures provided on external counselling and peer-support groups
Success rate per treatment cycle	40% chance of having a baby	20% chance of having a baby
Treatment journey	Same treatment pathway for all patients	High level of tailored, personalised treatment based on detailed patient tests
Continuity of care of clinic staff	Patients are seen by the same team of fertility doctors and nurses each at visit	Patients are seen by different doctors and nurses each visit
Availability of 'alternative' experimental treatments	'Alternative', treatments offered to all patients	No 'alternative', treatments available

Cost of treatment	\$4,000	\$4,000
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Which fertility treatment program would you prefer you had access to?
(Choose one option only)

☐ Treatment A ☐ Treatment B ☐ Neither

Choice task 3

Characteristics	Treatment A	Treatment B
Side-effects	Moderate, causing some problems performing usual activities	Moderate, causing some problems performing usual activities
Counselling and peer-support	Onsite clinic counsellors and peer-support groups provided	No information on counselling or peer-support groups provided
Success rate per treatment cycle	20% chance of having a baby	20% chance of having a baby
Treatment journey	Same treatment pathway for all patients	High level of tailored, personalised treatment based on detailed patient tests
Continuity of care of clinic staff	Patients are seen by different doctors and nurses each visit	Patients are seen by the same team of fertility doctors and nurses each at visit
Availability of 'alternative' experimental treatments	No 'alternative', treatments available	'Alternative', treatments offered to all patients
Cost of treatment	\$600	\$4,000

Which fertility treatment program would you prefer you had access to?
(Choose one option only)

☐ Treatment A ☐ Treatment B ☐ Neither

Choice task 4

Characteristics	Treatment A	Treatment B
Side-effects	Negligible, causing no problems performing usual activities	Moderate, causing some problems performing usual activities
Counselling and peer-support	Brochures provided on external counselling and peer-support groups	Brochures provided on external counselling and peer-support groups
Success rate per treatment cycle	10% chance of having a baby	40% chance of having a baby

Treatment journey	High level of tailored, personalised treatment based on detailed patient tests	Same treatment pathway for all patients
Continuity of care of clinic staff	Patients are seen by different doctors and nurses each visit	Patients are seen by the same team of fertility doctors and nurses each at visit
Availability of 'alternative' experimental treatments	'Alternative', treatments may be considered if requested by patient	'Alternative', treatments may be considered if requested by patient
Cost of treatment	\$600	\$8,000

Which fertility treatment program would you prefer you had access to?

(Choose one option only)

- ☐ Treatment A ☐ Treatment B ☐ Neither

Choice task 5

Characteristics	Treatment A	Treatment B
Side-effects	Significant, causing major problems performing usual activities	Significant, causing major problems performing usual activities
Counselling and peer-support	Brochures provided on external counselling and peer-support groups	No information on counselling or peer-support groups provided
Success rate per treatment cycle	10% chance of having a baby	10% chance of having a baby
Treatment journey	Some level of personalised treatment based on upfront tests	Some level of personalised treatment based on upfront tests
Continuity of care of clinic staff	Patients are seen by the same doctor but different nurses at each visit	Patients are seen by the same doctor but different nurses at each visit
Availability of 'alternative' experimental treatments	'Alternative', treatments may be considered if requested by patient	'Alternative', treatments may be considered if requested by patient
Cost of treatment	\$8,000	\$4,000

Which fertility treatment program would you prefer you had access to?

(Choose one option only)

- ☐ Treatment A ☐ Treatment B ☐ Neither

Choice task 6

Characteristics	Treatment A	Treatment B
Side-effects	Significant, causing major problems performing usual activities	Negligible, causing no problems performing usual activities
Counselling and peer-support	Onsite clinic counsellors and peer-support groups provided	No information on counselling or peer-support groups provided
Success rate per treatment cycle	40% chance of having a baby	10% chance of having a baby
Treatment journey	High level of tailored, personalised treatment based on detailed patient tests	Same treatment pathway for all patients
Continuity of care of clinic staff	Patients are seen by the same doctor but different nurses at each visit	Patients are seen by the same doctor but different nurses at each visit
Availability of 'alternative' experimental treatments	No 'alternative', treatments available	'Alternative', treatments offered to all patients
Cost of treatment	\$8,000	\$600

Which fertility treatment program would you prefer you had access to?

(Choose one option only)

- ☐ Treatment A ☐ Treatment B ☐ Neither

Choice task 7

Characteristics	Treatment A	Treatment B
Side-effects	Negligible, causing no problems performing usual activities	Moderate, causing some problems performing usual activities
Counselling and peer-support	Brochures provided on external counselling and peer-support groups	Onsite clinic counsellors and peer-support groups provided
Success rate per treatment cycle	20% chance of having a baby	20% chance of having a baby
Treatment journey	Same treatment pathway for all patients	High level of tailored, personalised treatment based on detailed patient tests
Continuity of care of clinic staff	Patients are seen by the same team of fertility doctors and nurses each at visit	Patients are seen by different doctors and nurses each visit
Availability of 'alternative' experimental treatments	No 'alternative', treatments available	'Alternative', treatments offered to all patients

Cost of treatment	\$600	\$8,000
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Which fertility treatment program would you prefer you had access to?

(Choose one option only)

☐ Treatment A ☐ Treatment B ☐ Neither

Choice task 8

Characteristics	Treatment A	Treatment B
Side-effects	Moderate, causing some problems performing usual activities	Negligible, causing no problems performing usual activities
Counselling and peer-support	Onsite clinic counsellors and peer-support groups provided	Brochures provided on external counselling and peer-support groups
Success rate per treatment cycle	10% chance of having a baby	40% chance of having a baby
Treatment journey	High level of tailored, personalised treatment based on detailed patient tests	Same treatment pathway for all patients
Continuity of care of clinic staff	Patients are seen by the same team of fertility doctors and nurses each at visit	Patients are seen by different doctors and nurses each visit
Availability of 'alternative' experimental treatments	'Alternative', treatments offered to all patients	No 'alternative', treatments available
Cost of treatment	\$600	\$8,000

Which fertility treatment program would you prefer you had access to?

(Choose one option only)

☐ Treatment A ☐ Treatment B ☐ Neither

Choice task 9

Characteristics	Treatment A	Treatment B
Side-effects	Negligible, causing no problems performing usual activities	Significant, causing major problems performing usual activities
Counselling and peer-support	No information on counselling or peer-support groups provided	Onsite clinic counsellors and peer-support groups provided
Success rate per treatment cycle	40% chance of having a baby	40% chance of having a baby
Treatment journey	High level of tailored, personalised treatment based on detailed patient tests	Same treatment pathway for all patients

Continuity of care of clinic staff	Patients are seen by the same team of fertility doctors and nurses each at visit	Patients are seen by different doctors and nurses each visit
Availability of 'alternative' experimental treatments	No 'alternative', treatments available	'Alternative', treatments offered to all patients
Cost of treatment	\$8,000	\$600

Which fertility treatment program would you prefer you had access to?

(Choose one option only)

- ☐ Treatment A ☐ Treatment B ☐ Neither

Choice task 10

Characteristics	Treatment A	Treatment B
Side-effects	Negligible, causing no problems performing usual activities	Significant, causing major problems performing usual activities
Counselling and peer-support	Onsite clinic counsellors and peer-support groups provided	No information on counselling or peer-support groups provided
Success rate per treatment cycle	20% chance of having a baby	40% chance of having a baby
Treatment journey	Same treatment pathway for all patients	High level of tailored, personalised treatment based on detailed patient tests
Continuity of care of clinic staff	Patients are seen by the same doctor but different nurses at each visit	Patients are seen by the same doctor but different nurses at each visit
Availability of 'alternative' experimental treatments	'Alternative', treatments offered to all patients	No 'alternative', treatments available
Cost of treatment	\$8,000	\$600

Which fertility treatment program would you prefer you had access to?

(Choose one option only)

- ☐ Treatment A ☐ Treatment B ☐ Neither

Choice task 11

Characteristics	Treatment A	Treatment B
Side-effects	Moderate, causing some problems performing usual activities	Negligible, causing no problems performing usual activities

Counselling and peer-support	No information on counselling or peer-support groups provided	Onsite clinic counsellors and peer-support groups provided
Success rate per treatment cycle	40% chance of having a baby	10% chance of having a baby
Treatment journey	Some level of personalised treatment based on upfront tests	Some level of personalised treatment based on upfront tests
Continuity of care of clinic staff	Patients are seen by different doctors and nurses each visit	Patients are seen by the same team of fertility doctors and nurses each at visit
Availability of 'alternative' experimental treatments	'Alternative', treatments may be considered if requested by patient	'Alternative', treatments may be considered if requested by patient
Cost of treatment	\$4,000	\$4,000

Which fertility treatment program would you prefer you had access to?

(Choose one option only)

- ☐ Treatment A ☐ Treatment B ☐ Neither

Choice task 12

Characteristics	Treatment A	Treatment B
Side-effects	Significant, causing major problems performing usual activities	Significant, causing major problems performing usual activities
Counselling and peer-support	No information on counselling or peer-support groups provided	Brochures provided on external counselling and peer-support groups
Success rate per treatment cycle	10% chance of having a baby	10% chance of having a baby
Treatment journey	Some level of personalised treatment based on upfront tests	Some level of personalised treatment based on upfront tests
Continuity of care of clinic staff	Patients are seen by the same doctor but different nurses at each visit	Patients are seen by the same doctor but different nurses at each visit
Availability of 'alternative' experimental treatments	'Alternative', treatments may be considered if requested by patient	'Alternative', treatments may be considered if requested by patient
Cost of treatment	\$4,000	\$8,000

Please indicate how easy or difficult it was to make your choices.

- ☐ Very easy

- ☐ Easy
- ☐ OK
- ☐ Difficult
- ☐ Very difficult

Do you have any additional comments?

- ☐ Yes ☐ No

If yes, please specify below:

About you

To understand your answers better, it is important that we ask a few questions about you. All this information will remain anonymous.

What is your age?

- ☐ 18-24
- ☐ 25-34
- ☐ 35-40
- ☐ 41-54
- ☐ 55-64
- ☐ 65+

What is your marital status?

- ☐ Never married
- ☐ Married
- ☐ De facto
- ☐ Separated/Divorced
- ☐ Widowed
- ☐ Prefer not to say

Do you have any private health insurance?

- ☐ Yes ☐ No

What is your employment status? (Please tick the one that applies to you most)

- ☐ Work full-time
- ☐ Work part-time
- ☐ Retired/unable to work
- ☐ Full time student
- ☐ Unemployed
- ☐ Full time care giver/stay-at-home parent

What is your highest level of education?

- ☐ Did not finish year 12
- ☐ Graduated from year 12

- ☐ Certificate/Trade/TAFE
- ☐ University Qualification

What is your family income per annum before any tax deductions?

- ☐ Less than \$25,000
- ☐ Between \$25,000 and \$49,999
- ☐ Between \$50,000 and \$99,999
- ☐ Between \$100,000 and \$150,000
- ☐ More than \$150,000
- ☐ Prefer not to say

Do you think fertility treatment should be subsidised by the Australian government through Medicare?

- ☐ Yes
- ☐ No

Do you think fertility treatment should be available to same-sex couples?

- ☐ Yes
- ☐ No
- ☐ Undecided

Do you think fertility treatment should be available to single people?

- ☐ Yes
 - ☐ No
 - ☐ Undecided
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