

Supplemental Tables

Supplemental Table 1. Multivariable regression tables for the outcome of pregnancy loss A) Initial preliminary analysis B) Multivariable regression results following backwards stepwise approach to feature selection, with significant characteristics displayed. Note relationship status was excluded for this outcome due to the issue of perfect separation. Significant p-values are bolded. OR = Odds ratio, CI = confidence interval.

Supplemental Table 1A)

Characteristic		OR	95% CI	p-value
Gender	Cis Man	-	-	
	Cis Woman	0.68	0.28, 1.76	0.4
Sexual Orientation	Heterosexual	-	-	
	Not heterosexual	0.58	0.02, 2.29	0.5
Age		1.34	1.19, 1.51	<0.001
Role	Resident	-	-	
	Fellow	0.49	0.13, 1.65	0.3
Postgraduate Year (PGY) Level	PGY1	-	-	
	PGY2	0.28	0.03, 1.76	0.2
	PGY3	1.17	0.24, 5.96	0.8
	PGY4	2.07	0.51, 9.52	0.3
	PGY5	2.58	0.62, 12.2	0.2
	PGY6	1.69	0.24, 11.1	0.6
	PGY7	3.36	0.44, 25.6	0.2
	PGY8	1.69	0.13, 17.8	0.7
	Other	1.34	0.16, 10.4	0.8
Program of Study	Non-surgical	-	-	
	Obstetrics & Gynaecology	0.46	0.18, 1.10	0.086
	Surgical	0.65	0.15, 2.27	0.5

Supplemental Table 1B)

Characteristic		OR	95% CI	p-value
Age		1.29	1.18, 1.42	<0.001

Supplemental Table 2. Multivariable regression tables for the outcome of infertility A) Initial preliminary analysis B) Multivariable regression results following backwards stepwise approach to feature selection, with significant characteristics displayed. Note relationship status and postgraduate year of training were excluded for this outcome due to the issue of perfect separation. Significant p-values are bolded. OR = Odds ratio, CI = confidence interval.

Supplemental Table 2A)

Characteristic		OR	95% CI	p-value
Gender	Cis Man	-	-	
	Cis Woman	0.66	0.25, 1.94	0.4
Sexual Orientation	Heterosexual	-	-	
	Not heterosexual	0.80	0.12, 3.01	0.8
Age		1.19	1.08, 1.32	<0.001
Role	Resident	-	-	
	Fellow	0.41	0.14, 1.32	0.10
Program of Study	Non-surgical	-	-	
	Obstetrics & Gynaecology	1.13	0.45, 2.88	0.8
	Surgical	2.76	0.78, 8.82	0.094

Supplemental Table 2B)

Characteristic		OR	95% CI	p-value
Age		1.19	1.08, 1.32	<0.001

Supplemental Table 3. Multivariable regression tables for the outcome of fertility treatment A) Initial preliminary analysis B) Multivariable regression results following backwards stepwise approach to feature selection, with significant characteristics displayed. Significant p-values are bolded. OR = Odds ratio, CI = confidence interval.

Supplemental Table 3A)

Characteristic		OR	95% CI	p-value
Gender	Cis Man	-	-	
	Cis Woman	0.93	0.43, 2.19	0.9
Sexual Orientation	Heterosexual	-	-	
	Not heterosexual	2.43	0.93, 6.04	0.06
Age		1.16	1.06, 1.27	0.002
Relationship Status	Single	-	-	
	In a relationship, not married	1.00	0.30, 4.02	>0.9
	Married	2.62	0.89, 9.80	0.11
Role	Resident	-	-	
	Fellow	0.58	0.19, 1.67	0.3
Postgraduate Year (PGY) Level	PGY1	-	-	
	PGY2	1.30	0.42, 4.34	0.7
	PGY3	1.51	0.47, 5.11	0.5
	PGY4	1.71	0.54, 5.78	0.4
	PGY5	0.90	0.25, 3.36	0.9
	PGY6	2.20	0.47, 10.5	0.3
	PGY7	1.20	0.16, 8.02	0.9
	PGY8	1.42	0.14, 11.1	0.7
	Other	0.36	0.03, 2.81	0.4
Program of Study	Non-surgical	-	-	
	Obstetrics & Gynaecology	0.84	0.41, 1.74	0.6
	Surgical	3.09	1.15, 8.19	0.023

Supplemental Table 3B)

Characteristic		OR	95% CI	p-value
Sexual Orientation	Heterosexual	-	-	
	Not heterosexual	2.46	0.98, 5.88	0.047
Age		1.10	1.02, 1.19	0.016
Relationship Status	Single	-	-	
	In a relationship, not married	1.14	0.36, 4.41	0.8
	Married	3.36	1.19, 12.1	0.037
Program of Study	Non-surgical	-	-	
	Obstetrics & Gynaecology	0.78	0.41, 1.50	0.5
	Surgical	3.31	1.30, 8.26	0.011