

Table 4. Comparison of scale reliability (Coefficient Alpha) under different imputation conditions.

Scale	No. of Items in Scale	Pairwise Deletion	SPSS EM Imputed Data	SAS EM Imputed Data	MVIS avg 5 imputations
Motherhood	4	0.85	0.87	0.83	0.85
Life Satisfaction	4	0.81	0.84	0.80	0.81
Medical Locus of Control	6	0.78	0.81	0.77	0.78
Social Support	4	0.82	0.86	0.83	0.84
CESD	10	0.80	0.83	0.79	0.80
Medical Science and Pregnancy	3	0.71	0.77	0.71	0.72
Infertility Stigma	3	0.74	0.78	0.72	0.73
ART Ethics	8	0.86	0.87	0.84	0.85
Self-Esteem	3	0.73	0.80	0.71	0.75
Religiosity	4	0.78	0.82	0.76	0.78
Economic Hardship	3	0.81	0.85	0.80	0.82

Table 6. Regression model with Ethics of ART as the dependent variable tested in three imputed data sets.

	SPSS EM Data				SAS EM Data				MVIS MI (5) Data				Available items model			
	Coef.	SE	t	P>t	Coef.	SE	t	P>t	Coef.	SE	z	P>z	Coef.	SE	z	P>z
Age in years	-0.001	0.003	-0.46	0.64	-0.002	0.003	-0.540	0.59	-0.002	0.003	-0.750	0.46	-0.002	0.003	-0.490	0.62
Had Children? (1=yes; 0=no)	-0.060	0.052	-1.16	0.25	-0.062	0.054	-1.160	0.25	-0.065	0.056	-1.160	0.25	-0.041	0.056	-0.730	0.47
Married	0.167 **	0.040	4.21	0.00	0.171 **	0.041	4.140	0.00	0.164 **	0.045	3.620	0.00	0.157 **	0.043	3.650	0.00
Education in years	-0.004	0.007	-0.52	0.60	-0.002	0.008	-0.240	0.81	-0.006	0.008	-0.790	0.43	-0.005	0.008	-0.640	0.52
Race White	-0.158 **	0.040	-3.93	0.00	-0.139 **	0.042	-3.330	0.00	-0.160 **	0.043	-3.710	0.00	-0.162 **	0.044	-3.700	0.00
Religiosity (high = more religious)	0.204 **	0.023	8.79	0.00	0.209 **	0.024	8.820	0.00	0.196 **	0.025	7.740	0.00	0.184 **	0.024	7.700	0.00
Possible infertility problems (1=yes; 0=no)	-0.119	0.079	-1.50	0.14	-0.120	0.082	-1.460	0.14	-0.083	0.084	-0.980	0.33	-0.077	0.086	-0.890	0.38
Social Support	-0.207 **	0.057	-3.66	0.00	-0.251 **	0.059	-4.230	0.00	-0.200 **	0.060	-3.330	0.00	-0.177 **	0.059	-3.000	0.00
CESD-10 (depression)	0.124 **	0.040	3.14	0.00	0.150 **	0.042	3.590	0.00	0.122 *	0.050	2.420	0.02	0.104 **	0.040	2.630	0.01
Children * infertility problems	0.242 **	0.090	2.69	0.01	0.228 *	0.093	2.430	0.02	0.208 *	0.096	2.170	0.03	0.209 *	0.098	2.130	0.03
Constant	0.446	0.200	2.23	0.03	0.503	0.208	2.420	0.02	0.523	0.206	2.540	0.01	0.332	0.228	1.450	0.15
R-Square	0.113				0.108				0.109				0.090			

Note: * p<.05 ** p<.01