

Appendix Table 1

Description

	Small Sample				Large Sample			
	% Reduc. KL Div.	ARIV	Class Mean Coverage	Class Prop. Coverage	% Reduc. KL Div.	ARIV	Class Mean Coverage	Class Prop. Coverage
Unequal Mixing & Weakly Separated								
<i>Complete Data</i>	100	-	0.87	0.78	100	-	0.94	0.94
FIML	0	-	0.76	0.70	0	-	0.68	0.85
EMS-MVN	79.90	6.44	0.96	0.98	57.50	0.65	0.88	0.90
MICE-PMM	67.39	5.68	0.95	0.96	59.79	0.64	0.85	0.92
MICE-CART	36.02	6.71	0.95	0.93	73.34	0.99	0.94	0.96
MICE-RF	51.89	6.42	0.96	0.94	72.76	0.69	0.92	0.96
Pattern Mix.	-1309.04	N/A	N/A	N/A	-1767.52	N/A	N/A	N/A
Unequal Mixing & Strongly Separated								
<i>Complete Data</i>	100	-	0.93	0.96	100	-	0.95	0.99
FIML	0	-	0.82	0.92	0	-	0.61	0.88
EMS-MVN	57.0	1.4	0.95	0.99	14.3	0.7	0.83	0.74
MICE-PMM	57.42	1.30	0.93	0.99	37.18	0.64	0.80	0.85
MICE-CART	50.91	1.60	0.94	0.98	73.63	0.73	0.93	0.96
MICE-RF	56.30	1.54	0.95	0.98	68.28	0.78	0.90	0.95
Pattern Mix.	-583.22	N/A	N/A	N/A	-513.65	N/A	N/A	N/A
Equal Mixing & Weakly Separated								
<i>Complete Data</i>	100	-	0.92	0.93	100	-	0.95	0.99
FIML	0	-	0.82	0.87	0	-	0.64	0.82
EMS-MVN	74.67	1.09	0.96	0.98	42.04	0.60	0.82	0.81
MICE-PMM	60.68	1.20	0.95	0.98	40.74	0.54	0.81	0.85
MICE-CART	44.73	1.75	0.95	0.98	71.27	0.63	0.93	0.95
MICE-RF	57.47	1.47	0.95	0.98	68.89	0.52	0.89	0.91
Pattern Mix.	-1450.22	N/A	N/A	N/A	-1914.61	N/A	N/A	N/A
Equal Mixing & Strongly Separated								
<i>Complete Data</i>	100	-	0.94	1.00	100	-	0.94	1.00
FIML	0	-	0.82	0.95	0	-	0.54	0.78
EMS-MVN	36.02	0.88	0.93	0.93	-8.95	0.77	0.74	0.70
MICE-PMM	33.87	0.74	0.91	0.93	10.21	0.60	0.72	0.75
MICE-CART	46.09	0.71	0.93	0.97	73.93	0.63	0.91	0.92
MICE-RF	48.11	0.78	0.93	0.97	66.38	0.59	0.86	0.87
Pattern Mix.	-720.05	N/A	N/A	N/A	-766.95	N/A	N/A	N/A

Notes: Increase in variance attributable to missingness (ARIV) and coverage rates not computed for pattern mixture models due to poor performance of point estimates.