

Table 3: Percentage of nonconvergence in the CFA model under different experimental settings. Each cell result is based on  $R = 100$  simulated replications.

			Sample Size												
			50			100			300			3000			
			Number of Indicators												
			6	10	16	6	10	16	6	10	16	6	10	16	
Type of Indicators	Factor structure	Communality <sup>haile</sup>	Correlation between factors												
BLR	Weak		Independence	73.0	52.0	54.0	81.0	69.0	43.0	79.0	58.0	7.0	13.0	0.0	0.0
			Moderate	78.0	70.0	51.0	81.0	71.0	41	76.0	33.0	10.0	2.0	0.0	0.0
			Strong	72.0	73.0	76.0	87.0	65.0	48.0	64.0	36.0	23.0	15.0	2.0	0.0
	Moderate		Independence	79.0	58.0	50.0	83.0	65.0	31.0	75.0	24.0	5.0	5.0	0.0	0.0
			Moderate	76.0	63.0	42.0	82.0	48.0	21.0	56.0	10.0	1.0	0.0	0.0	0.0
			Strong	79.0	63.0	62.0	81.0	56.0	35.0	45.0	21.0	12.0	6.0	1.0	0.0
	Strong		Independence	67.0	56.0	36.0	66.0	26.0	9.0	27.0	1.0	0.0	0.0	0.0	0.0
			Moderate	74.0	58.0	41.0	69.0	33.0	21.0	12.0	1.0	0.0	0.0	0.0	0.0
			Strong	71.0	62.0	42.0	54.0	38.0	25.0	7.0	1.0	0.0	0.0	0.0	0.0
BMR	Weak		Independence	79.0	51.0	27.0	75.0	41.0	7.0	48.0	8.0	0.0	0.0	0.0	0.0
			Moderate	85.0	60.0	31.0	68.0	47.0	6.0	31.0	2.0	0.0	0.0	0.0	0.0
			Strong	79.0	56.0	46.0	66.0	33.0	27.0	29.0	17.0	6.0	4.0	0.0	0.0
	Moderate		Independence	82.0	49.0	15.0	73.0	23.0	2.0	32.0	0.0	0.0	0.0	0.0	0.0
			Moderate	75.0	30.0	12.0	56.0	7.0	0.0	7.0	0.0	0.0	0.0	0.0	0.0
			Strong	66.0	52.0	24.0	50.0	20.0	8.0	18.0	3.0	0.0	0.0	0.0	0.0
	Strong		Independence	52.0	22.0	7.0	22.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0
			Moderate	52.0	14.0	2.0	26.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0
			Strong	28.0	9.0	5.0	10.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Interval	Weak		Independence	36.0	25.0	7.0	16.0	3.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0
			Moderate	27.0	22.0	5.0	11.0	4.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0
			Strong	23.0	15.0	2.0	6.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Moderate		Independence	32.0	9.0	1.0	9.0	1.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0
			Moderate	12.0	4.0	0.0	7.0	1.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0
			Strong	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Strong		Independence	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
			Moderate	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
			Strong	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0