

Table 4: Percentage of *Heywood* cases 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			6	10	16	6	10	16	6	10	16	
BLR	Weak		Independence	21.0	6.0	3.0	51.0	24.0	2.0	50.0	26.0	3.0	5.0	0.0	0.0
			Moderate	21.0	3.0	6.0	41.0	23.0	7.0	44.0	15.0	4.0	1.0	0.0	0.0
			Strong	14.0	4.0	2.0	42.0	9.0	1.0	28.0	6.0	1.0	0.0	0.0	0.0
	Moderate		Independence	18.0	2.0	4.0	52.0	16.0	0.0	48.0	9.0	0.0	0.0	0.0	0.0
			Moderate	9.0	3.0	1.0	33.0	7.0	0.0	26.0	1.0	0.0	0.0	0.0	0.0
			Strong	8.0	0.0	4.0	31.0	4.0	0.0	8.0	0.0	0.0	0.0	0.0	0.0
	Strong		Independence	10.0	4.0	7.0	12.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0
			Moderate	6.0	3.0	4.0	9.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
			Strong	5.0	2.0	2.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
BMR	Weak		Independence	47.0	13.0	3.0	53.0	18.0	3.0	34.0	5.0	0.0	0.0	0.0	0.0
			Moderate	45.0	20.0	2.0	37.0	13.0	1.0	12.0	0.0	0.0	0.0	0.0	0.0
			Strong	51.0	14.0	1.0	25.0	2.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0
	Moderate		Independence	41.0	10.0	1.0	38.0	6.0	0.0	11.0	0.0	0.0	0.0	0.0	0.0
			Moderate	38.0	5.0	0.0	23.0	1.0	0.0	4.0	0.0	0.0	0.0	0.0	0.0
			Strong	17.0	1.0	0.0	13.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0
	Strong		Independence	6.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
			Moderate	3.0	0.0	0.0	1.0	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
Interval	Weak		Independence	66.0	48.0	14.0	54.0	14.0	2.0	20.0	0.0	0.0	0.0	0.0	0.0
			Moderate	51.0	34.0	12.0	46.0	7.0	1.0	9.0	0.0	0.0	0.0	0.0	0.0
			Strong	38.0	18.0	6.0	13.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Moderate		Independence	60.0	22.0	2.0	40.0	2.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0
			Moderate	40.0	13.0	1.0	24.0	1.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0
			Strong	14.0	4.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Strong		Independence	8.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
			Moderate	7.0	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