

Suppl Table 1. Summary of CFA fit indices for online advertisement sample

Model tested	Fit indices								
	χ^2	AIC	BIC	aBIC	CFI	TLI	SRMR	RMSEA	90% CI
3-Factor Model	533.972*** (<i>df</i> =186)	20941.00	21225.70	21016.18	0.931	0.922	0.041	0.058	0.052–0.064
2-Factor Model	657.990*** (<i>df</i> =188)	21061.02	21337.09	21133.92	0.907	0.896	0.051	0.067	0.062–0.073

Note. AIC: Akaike information criterion, BIC: Bayesian information criterion, aBIC: Sample-size adjusted BIC, CFI: Comparative fit index, TLI: Tucker-Lewis Index, SRMR: Standardized root mean squared residual, RMSEA: Root mean square error of approximation, CI: Confidence interval, *** < 0.001 ,

Suppl Table 2. Summary of CFA fit indices for hospital visitor sample

Model tested	Fit indices								
	χ^2	AIC	BIC	aBIC	CFI	TLI	SRMR	RMSEA	90% CI
3-Factor Model	598.591*** (<i>df</i> =186)	22678.87	22967.96	22758.43	0.951	0.944	0.035	0.061	0.056–0.067
2-Factor Model	636.509*** (<i>df</i> =188)	22712.79	22993.11	22789.93	0.946	0.940	0.037	0.064	0.058–0.069

Note. AIC: Akaike information criterion, BIC: Bayesian information criterion, aBIC: Sample-size adjusted BIC, CFI: Comparative fit index, TLI: Tucker-Lewis Index, SRMR: Standardized root mean squared residual, RMSEA: Root mean square error of approximation, CI: Confidence interval, *** < 0.001 ,

Suppl Table 3. Information value for each area for each group

Θ area	Online advertisement sample		Hospital visitor sample	
	Information	Proportion (%)	Information	Proportion (%)
–2 ~ –1.5	1.32	1.44	1.07	0.89
–1.5 ~ –1	2.67	2.92	2.99	2.49

-1 ~ -0.5	4.87	5.33	6.98	5.81
-0.5 ~ 0	7.29	7.97	11.82	9.83
0 ~ 0.5	8.70	9.51	15.01	12.48
0.5 ~ 1	9.02	9.81	16.26	13.5
1 ~ 1.5	9.31	10.19	16.90	14.06
1.5 ~ 2	9.24	10.11	17.05	14.18
2 ~ 2.5	9.25	10.11	15.18	12.62
2.5 ~ 3	9.04	9.89	9.51	7.91
Total area	91.422	100	120.20	100

Suppl Figure 1. Item characteristic curve for each item of BDI-II.

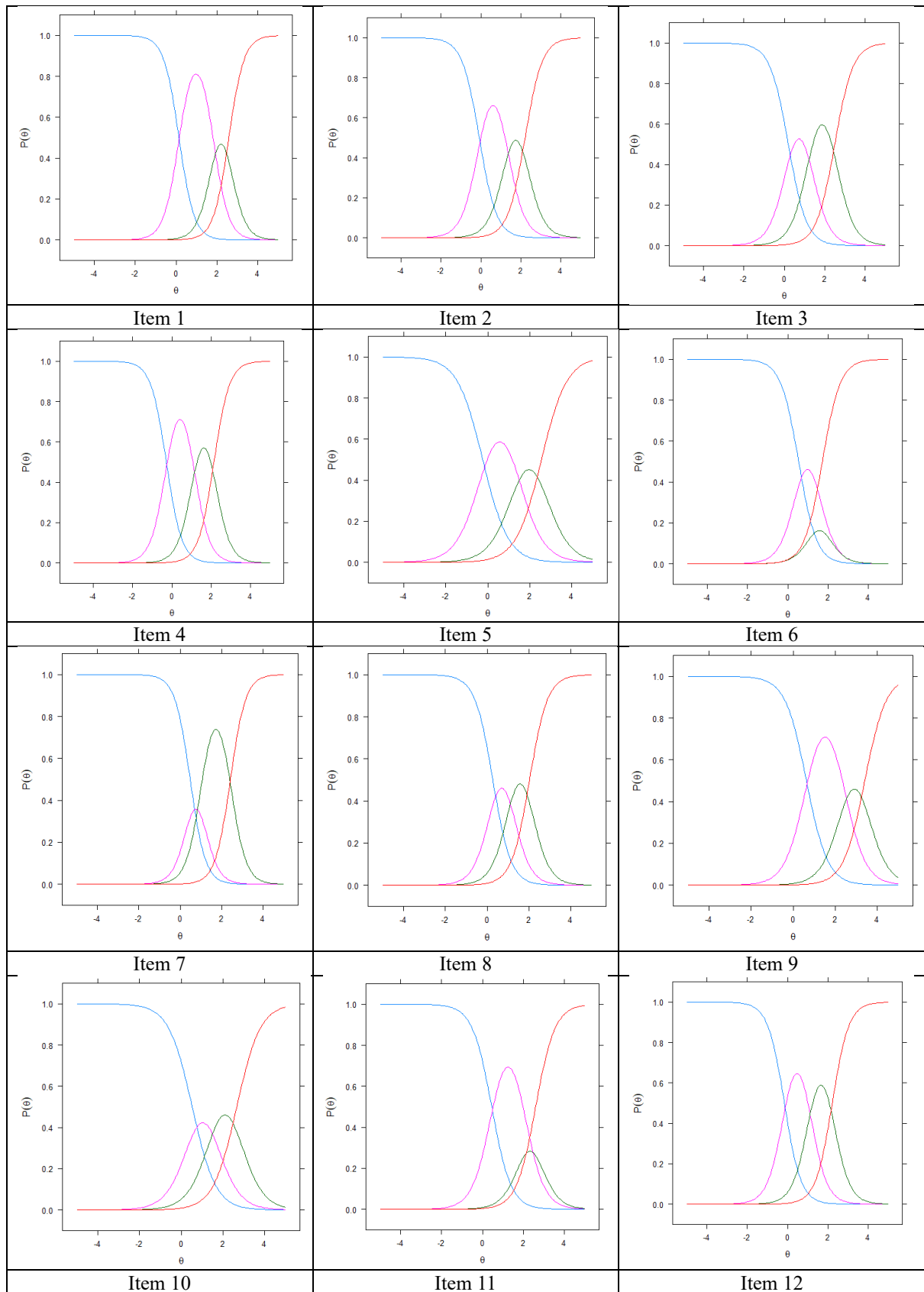
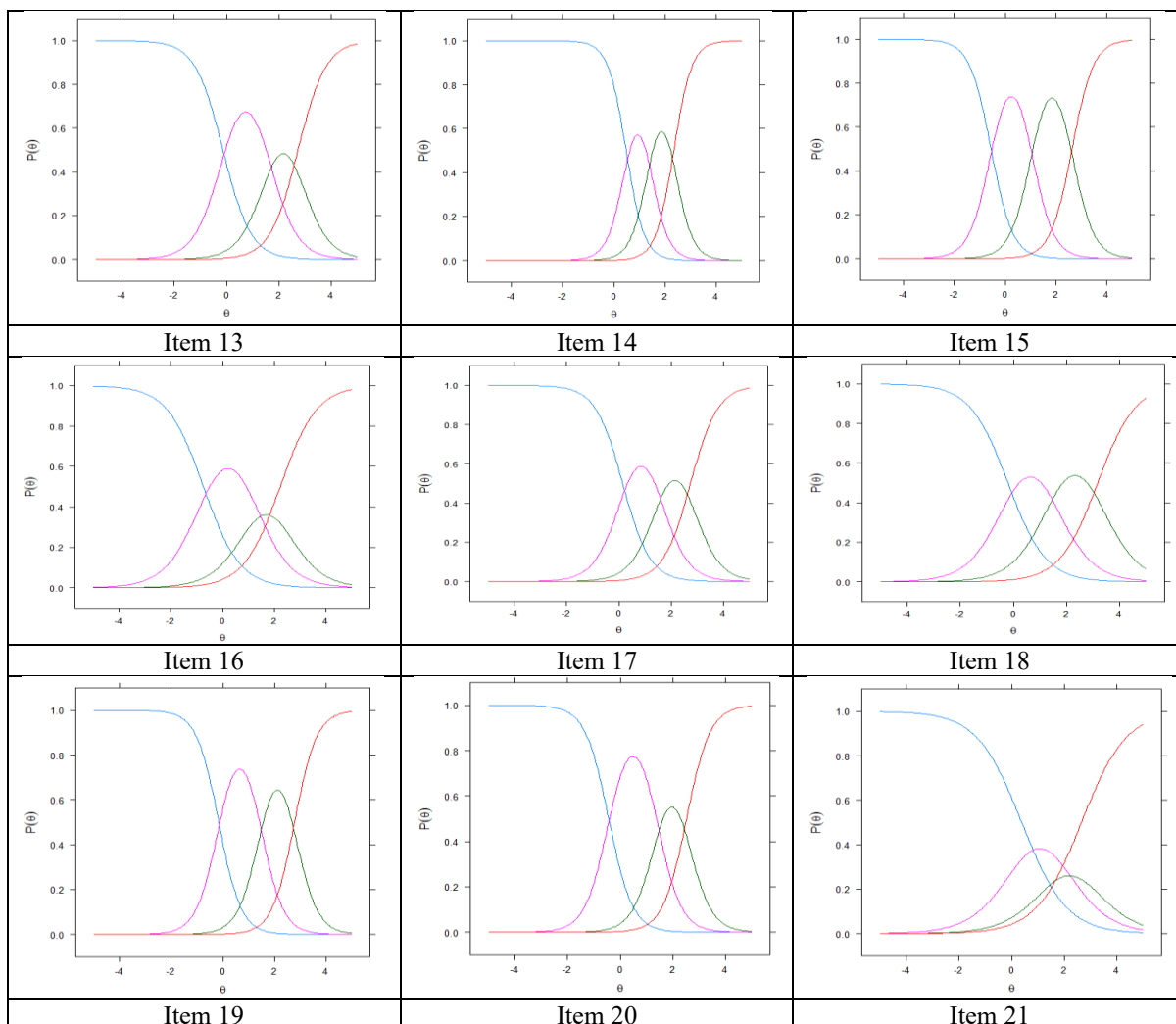


Figure continued



Suppl Figure 2. Item information curve for each item of BDI-II.

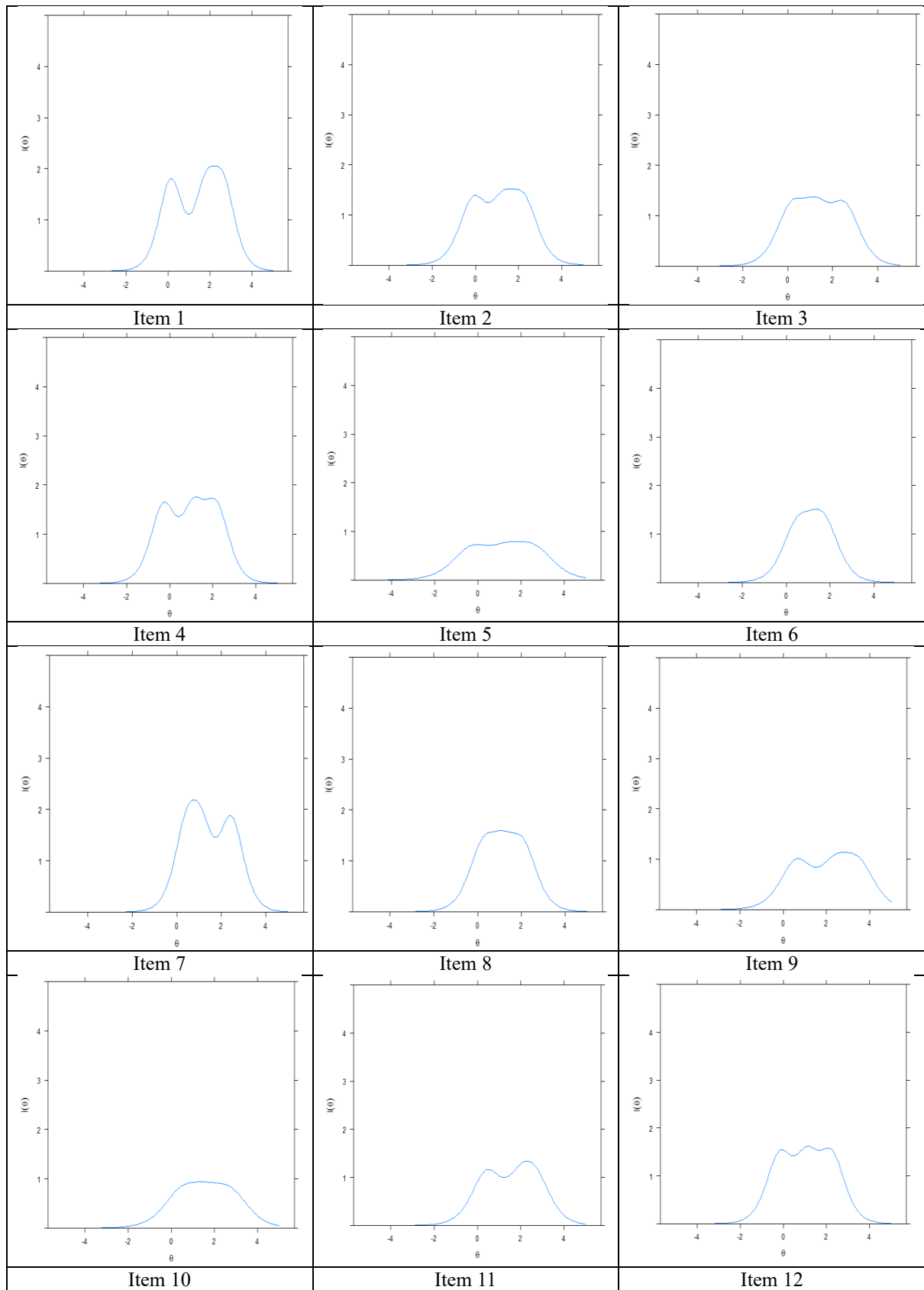


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