1 Summaries of Reliability Analysis

1.1 Exploratory and Confirmatory Factor Analysis

Table 1: Summary of exploratory and confirmatory factor analysis for the adapted Portuguese IMMS

	MR1	MR3	MR2	MR4
Item12A	0.863	0.222	−0.219	−0.069
Item19A	0.788	0.351	0.076	−0.090
Item04A	0.795	0.167	−0.106	0.127
Item20A	0.574	0.430	0.034	0.338
Item16A	0.667	0.398	−0.114	0.064
Item01A	0.539	0.287	−0.184	0.380
Item15R	−0.034	0.114	0.523	−0.493
Item21R	−0.127	−0.125	0.588	−0.067
Item10R	−0.279	−0.002	0.701	−0.033
Item08R	0.188	−0.249	0.599	0.010
Item13S	0.330	0.774	−0.204	0.029
Item14S	0.360	0.837	−0.115	0.187
Item17S	0.343	0.667	−0.112	−0.252
SS loadings	3.549	2.460	1.649	0.640
Cumulative Var	0.273	0.462	0.589	0.638
Proportion Explained	0.428	0.297	0.199	0.077

CFI: 0.947; TLI: 0.973; df: 14.077; chi^2: 16.547; p-value: 0.286; RMSEA: 0.059 [0, 0.143];

p-value(RMSEA): 1

1.2 Reliability Analysis

Table 2: Result of reliability analysis for the adapted Portuguese IMMS

	Global	Ont.Gamified	W.O.Gamified
Level of Motivation	0.874	0.886	0.866
Attention	0.900	0.924	0.881
Relevance	0.696	0.725	0.684
Satisfaction	0.876	0.884	0.889