

**Appendix 5. Kaiser-Meyer-Olkin test, Bartlett's test of sphericity, and Determinant value used to verify data's appropriateness for factor analysis.**

In order to perform factor analysis, the KMO measure  $> 0.7$ , the Bartlett's test of sphericity should be significant ( $p < .05$ ), and the Determinant value  $> 0.0001$  (Leech et al. 2005).

Items		Motivations	Attitudes
Kaiser-Meyer-Olkin Measure of Sampling Adequacy		0.789	0.816
Bartlett's Test of Sphericity	Approx. Chi-Square	209.27	366.07
	Df	10	45
	Sig.	0.000	0.000
Determinant value		0.067	0.008

**Reference**

Leech, N. L., K. C. Barrett, and G. Morgan. 2005. SPSS for intermediate statistics: Use and interpretation. Lawrence Erlbaum Associates, Publishers. Mahwa, New Jersey, London.