

Multivariate statistics: Assignment 1

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1 Task 1

1.1 CFA to construct a measurement model for the Attitude items

There are 9 attitude items that are scored on a five-point Likert scale.

1.2 CFA to construct a measurement model for the Behavior-Intention items

There are 9 attitude items that are scored on a five-point Likert scale.

1.3 Structural equation model to evaluate the impact of attitude on behavior intention

2 Task 2

2.1 Canonical correlation analysis

2.2 Split-half approach