

Factors of Meta-Mood: Attention, Clarity, Repair, and What Else?

INTRO:

- Trait Meta-Mood Scale (TMMS; Salovey et al. 1995) was created to measure meta-mood.
- Salovey et al. found support for a three-factor model which includes Attention, Clarity, and Repair
- Palmer et al. (2003) found support for a four-factor model which includes Attention, Clarity, Repair, and a fourth unnamed factor. We interpret this fourth factor as Emotional Fortitude.
- Neither study took censoring into account data point censoring.
- Data point censoring occurs when researchers only have some information about the value of the variable, knowing that the value is at least as large as (or no larger than) a given limit of detection.
- We compared the one-, three-, and four-factor models, while taking into account censoring.

METHOD

Participants: 202 undergraduates (137 female)
 Analyses: Confirmatory factor analysis using R package lava

RESULTS

- The four-factor model to fit the data the best

DISCUSSION

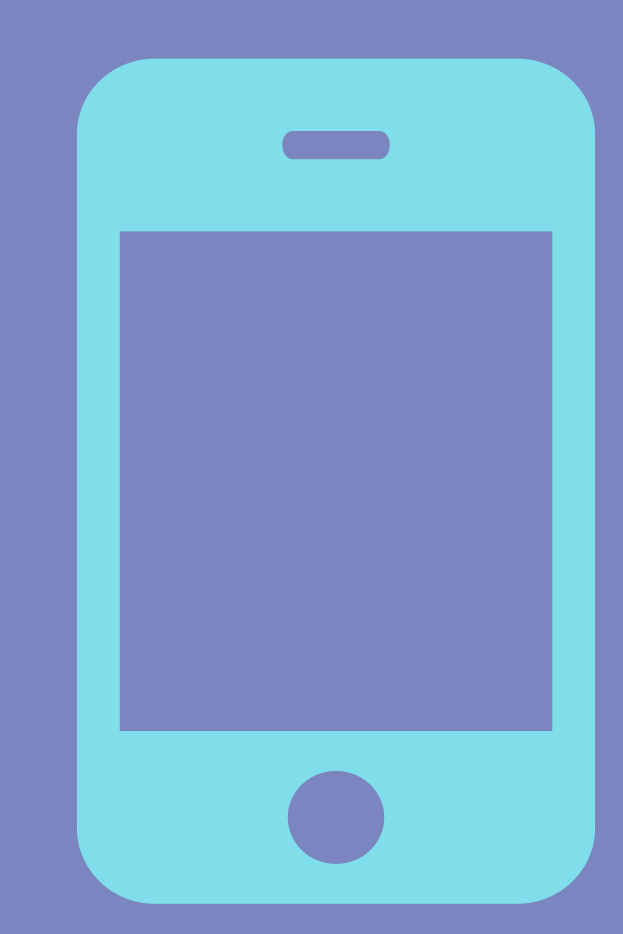
- Future test users may wish to calculate a scale score for Emotional Fortitude, in addition to scale scores for Attention, Clarity and Repair.

Table 1
 Fit Statistics for TMMS Factor Models

	One Factor	Three Factor	Four Factor
AIC	15084.6	14604.03	14040.44
BIC	15084.6	15241.43	14707.99

Emotional Fortitude as the fourth factor of the TMMS

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Figure 1
 General Factor Model

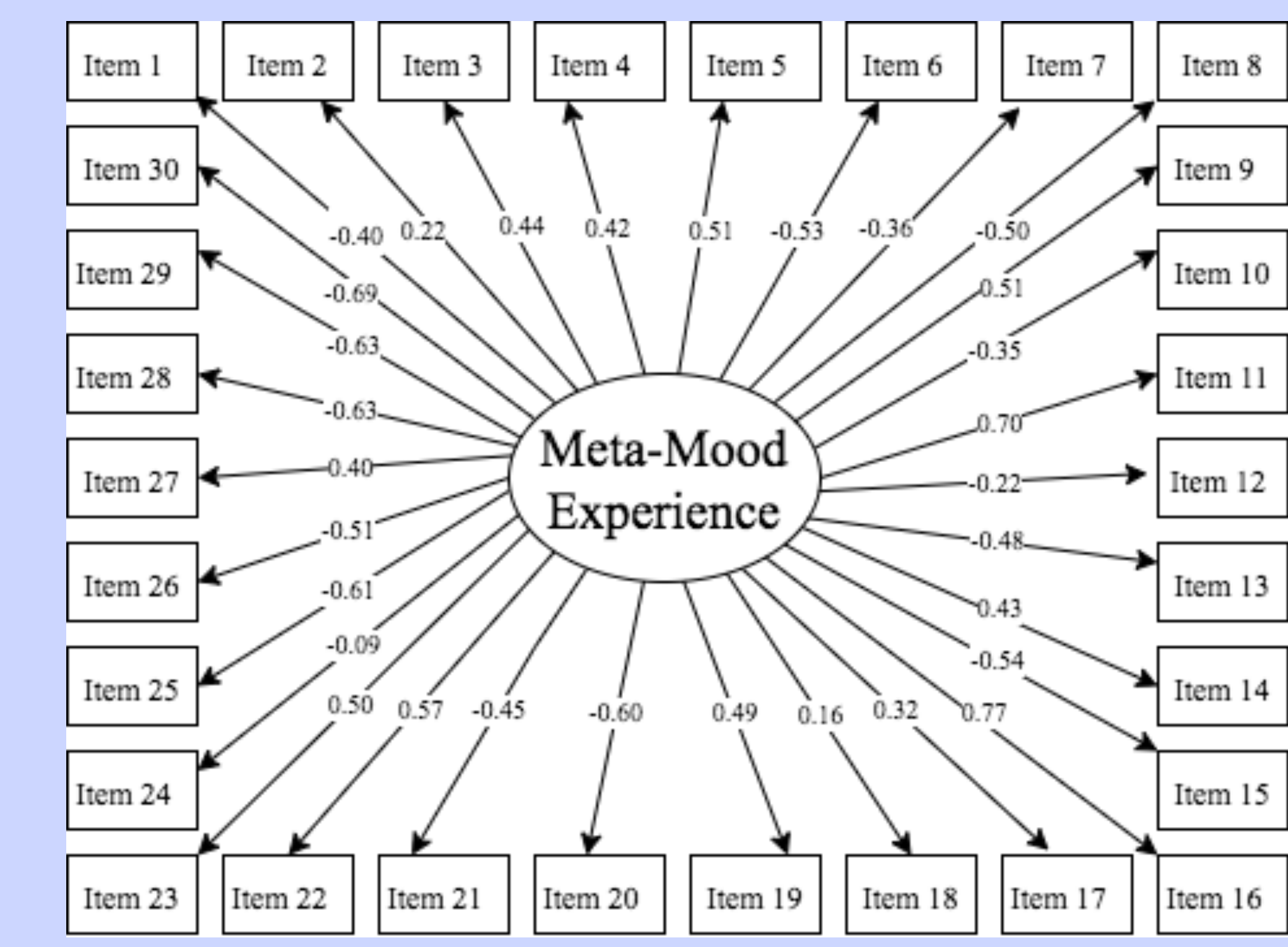


Figure 2
 Three-Factor Model (Salovey et al., 1995)

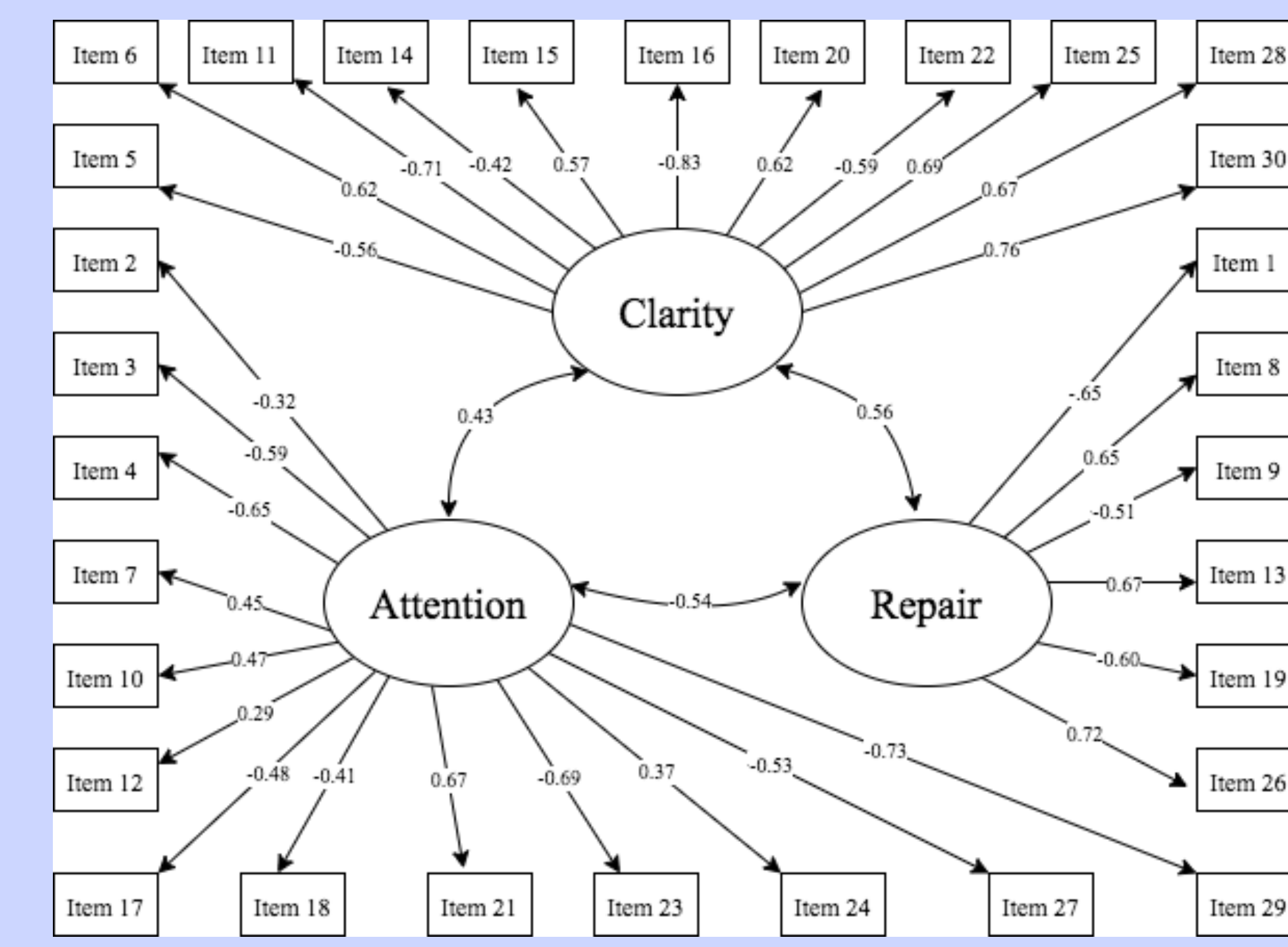


Figure 3
 Four-Factor Model (Palmer et al., 2003)

