

**Table 1***Overview of the individual simulation studies of Leonard Kosanke*

| Study    | Model          | Correct specification included? | Unmodelled RC               | Unmodelled CL               | N<br>Sizes | $\varphi/\beta$       | $\lambda$ | Estimators     |
|----------|----------------|---------------------------------|-----------------------------|-----------------------------|------------|-----------------------|-----------|----------------|
| Study 1  | 2-factor-CFA   | Yes                             | 1 and 2, both pos. and neg. | x                           | 7          | $\varphi = 0.6$       | Fixed     | 2 SEM<br>4 SAM |
| Study 1b | 2-factor-CFA   | Yes                             | x                           | x                           | 2          | $\varphi = 0.2 - 0.8$ | Varied    | 2 LSAM         |
| Study 2  | 2-factor-CFA   | x                               | x                           | 1 and 2, both pos. and neg. | 7          | $\varphi = 0.6$       | Fixed     | 2 SEM<br>4 SAM |
| Study 3  | 2-factor-CFA   | x                               | 1, pos.                     | 1, pos.                     | 7          | $\varphi = 0.6$       | Fixed     | 2 SEM<br>4 SAM |
| Study 4  | 5-factor-model | Yes                             | 20, all pos.                | 4, all pos.                 | 7          | $\beta = 0.1$         | Fixed     | 2 SEM<br>1 SAM |
| Study 4a | 5-factor-model | Yes                             | 20, all pos.                | 4, all pos.                 | 7          | $\beta = 0.1 - 0.4$   | Fixed     | 2 SEM<br>1 SAM |

*Note.* CFA = Confirmatory Factor Analysis, pos. = Positive values, neg. = Negative values, RC = Residual correlation, CL = Cross-loading, N = Sample,  $\varphi$  = Factor correlation,  $\beta$  = regression weights,  $\lambda$  = Factor loadings.