# Erratum to: Differentiating Response Styles and Construct-Related Responses: A New IRT Approach Using Bifactor and Second-Order Models

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The original version of Chapter 30 was inadvertently published without updating the following corrections

On page 475, last paragraph, values for AIC and BIC in lines 2, 3 and 4 reads

$AIC = 257,970.67; BIC = 259,671.66$
$AIC = 265,681.48; BIC = 267,421.77$
$AIC = 253,446.90; BIC = 255,209.64$

**It should read:**

$AIC = 1,772,369.82; BIC = 1,775,044.07$
$AIC = 1,758,257.81; BIC = 1,760,983.63$
$AIC = 1,730,146.41; BIC = 1,732,901.70$

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On page 476, Table 3 had wrong data in it as below

**Table 3** Results of the three-dimensional, five-dimensional, and seven-dimensional simple-structure IRT models with multidimensional RS factors, including all BPI types (180 items in total) — *NEO-FFI dataset* (*German sample*)

| All five scales, items: *e, d, m* | Seven-dimensional model | Five-dimensional model | Three-dimensional model |
|---|---|---|---|
| AIC index | 253,446.90 | 265,681.48 | 257,970.67 |
| BIC index | 255,209.64 | 267,421.77 | 259,671.66 |
| Log-penalty (model based, per item) | 0.499 | 0.523 | 0.508 |

**It should read :**

**Table 3** Results of the three-dimensional, five-dimensional, and seven-dimensional simple-structure IRT models with multidimensional RS factors, including all BPI types (180 items in total) — *NEO-FFI dataset* (*German sample*)

| All five scales, items: *e, d, m* | Seven-dimensional model | Five-dimensional model | Three-dimensional model |
|---|---|---|---|
| AIC index | 1,730,146.41 | 1,758,257.81 | 1,772,369.82 |
| BIC index | 1,732,901.70 | 1,760,983.63 | 1,775,044.07 |
| Log-penalty (model based, per item) | 0.475 | 0.483 | 0.486 |