

Bayesian Psychometric Modeling Errata

Location	Erratum
p. 158, equation (8.14)	The expression should appear as: $T_i x_i, \mu_T, \sigma_T^2, \sigma_E^2 \sim N(\mu_{T_i x_i}, \sigma_{T_i x_i}^2)$. Thanks to Seo-eun Choi for pointing this out.
p. 166, equation (8.31)	The expression in the second line should appear as: $= \prod_{i=1}^n \prod_{j=1}^J p(x_{ij} T_i, \sigma_E^2) p(T_i \mu_T, \sigma_T^2)$. Thanks to Seo-eun Choi for pointing this out.
p. 168, equation (8.34)	The expression should appear as: $T_i \mathbf{x}_i, \mu_T, \sigma_T^2, \sigma_E^2 \sim N(\mu_{T_i \mathbf{x}_i}, \sigma_{T_i \mathbf{x}_i}^2)$. Thanks to Seo-eun Choi for pointing this out.
p. 168, equation (8.39)	The expression should appear as: $T_i \mathbf{x}_i, \mu_T, \tau_T, \tau_E \sim N(\mu_{T_i \mathbf{x}_i}, \tau_{T_i \mathbf{x}_i})$. Thanks to Seo-eun Choi for pointing this out.
p. 198, equation (9.31)	In the second line, the fourth term should be $p(\Phi)$, where the p is not bolded. Thanks to Seo-eun Choi for pointing this out.
p. 241, equation (10.15)	The equation should read $LR = (n-1) \left[\ln \Sigma(\theta) + \text{tr}(\mathbf{S}\Sigma(\theta)^{-1}) - \log \mathbf{S} - J \right]$, with the leading $(n-1)$ term multiplying the rest of the expression. Thanks to Javier Revuelta for pointing this out.
p. 255, Figure 11.1	In the first line of the legend for the graph, it should appear as $a = 2$, rather than $a = -2$. Thanks to Armel Brizuela Rodríguez for pointing this out.
p. 324, 2 nd line after (13.17)	It should read "...are counts of the number of examinees...". Thanks to Seo-eun Choi for pointing this out.
p. 360, 4 th line after (14.21)	It should read "...Skill 5 is about .8...". Thanks to Seo-eun Choi for pointing this out.