Errata 8.4

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Section 8.4

The equation describing parallel regression assumptions on page 123 (middle of the page) is incorrect. Rather, we assert that the partial derivative for the \log odds that Y is in any category with respect to the covariate information should be equal:

$$\begin{split} \frac{\partial}{\partial x} \log \left(\frac{\Pr(y \leq m|x)}{\Pr(y > m|x)} \right) &= \\ \frac{\partial}{\partial x} \log \left(\frac{\Pr(y \leq m - 1|x)}{\Pr(y > m - 1|x)} \right) &= \\ \frac{\partial}{\partial x} \log \left(\frac{\Pr(y \leq m - 2|x)}{\Pr(y > m - 2|x)} \right) &= \beta X \end{split}$$

Thanks to Jeff Lewis for discovering this error.