Page 355: the expression currently reads:

$$prob \{ \hat{p} - \sigma_p z_{2.5\%}$$

There are many ways to write this out correctly, but this is not one of them. What we meant to write was either:

$$\operatorname{prob}\left\{\widehat{p} + \sigma_p z_{2.5\%}$$

or

$$\operatorname{prob}\left\{\widehat{p} - \sigma_p z_{97.5\%}$$

Thanks to Esben Høg