PSYCHOMETRIKA—VOL. 57, NO. 1, 160
MARCH 1992
ERRATA

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Robyn M. Dawes has kindly pointed out a computational error in the illustrative example appearing on page 611 in an article by J. H. Beder and R. C. Heim, "On the use of ridit analysis", Vol. 55, No. 4. The first variance should have been

$$\hat{\sigma}^2 = .05975.$$

The estimated variance of $\bar{\bar{r}}$ should therefore be corrected to be

$$\text{est. Var } (\bar{\bar{r}}) = \frac{.05975}{360} + \frac{.0649}{282} = .0003961,$$

and the resulting value of the test statistic changed to

$$U = 1.965,$$

so that we reject H_0 at level $\alpha = .025$ in this one-tailed test. This descriptive level is still quite a bit smaller than the level of .045 that would have been computed by an earlier method, as noted in the example. Thus the claim we made there still holds, namely that the earlier method would have understated the significance of this data (albeit not as dramatically as we thought).

https://doi.org/10.1007/BF02294665 Published online by Cambridge University Press