

Corrections: Genome Biology 2003, R34

The correct formula for the error-weighted correlation on page 14 of the manuscript:

Let σ_{ge} be the error estimate of the expression level of gene g under experiment e , where $g=1, \dots, G$ and $e=1, \dots, E$. The *error-weighted correlation* between a pair of genes i and j is defined as

$$\tilde{r}_{ij} = \frac{\sum_{e=1}^E \frac{(D(i,e) - \tilde{m}_i)}{s_{ie}} \frac{(D(j,e) - \tilde{m}_j)}{s_{je}}}{\sqrt{\sum_{e=1}^E \left(\frac{D(i,e) - \tilde{m}_i}{s_{ie}} \right)^2 \sum_{e=1}^E \left(\frac{D(j,e) - \tilde{m}_j}{s_{je}} \right)^2}} \quad \text{where } \tilde{m}_i = \frac{\sum_{e=1}^E \frac{D(i,e)}{s_{ie}^2}}{\sum_{e=1}^E \frac{1}{s_{ie}^2}} \text{ is the weighted}$$

average expression level of gene i .