Erratum to "Statistical hypothesis testing of factor loading in principal component analysis and its application to metabolite set enrichment analysis" [BMC. Bioinformatics. 2014, 15:51]

The equation (1-6)

$$\mathrm{corr}(t, x_p) = \frac{\lambda \mathbf{w}' \mathbf{c}}{\sqrt{var(t)}\sqrt{var(x_p)}} = \frac{\lambda w_p}{\sqrt{\lambda \sigma_p}} = \frac{\sqrt{\lambda} w_p}{\sigma_p}$$

should be corrected as

$$\mathrm{corr}(t, x_p) = \frac{\lambda \mathbf{w}' \mathbf{c}}{\sqrt{var(t)}\sqrt{var(x_p)}} = \frac{\lambda w_p}{\sqrt{\lambda \sigma_p}} = \frac{\sqrt{\lambda} w_p}{\sigma_p}$$