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Corrigendum

## polymapR—linkage analysis and genetic map construction from $F_1$ populations of outcrossing polyploids

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In the original article, there was an incorrect formula.

The formula appears in section 2.2.2, 'Linkage analysis in the presence of preferential chromosomal pairing', on page 3498.

The correct formula is below in the context in which it appears.

This gives rise to the likelihood function  $\mathcal{L}(\rho) \propto \left(\frac{1}{6} - \frac{\rho}{4}\right)^{n_{00}+n_{11}} \left(\frac{1}{3} + \frac{\rho}{4}\right)^{n_{01}+n_{10}}$ , which when solved leads to the following maximum-likelihood estimate for  $\rho$ :

$$\rho = \frac{2(n_{01} + n_{10}) - 4(n_{00} + n_{11})}{3(n_{00} + n_{01} + n_{10} + n_{11})}$$

This has been corrected.