

Corrigendum

In the two articles by S. Glémin (GENETICS 185: 939–959 and 187: 217–227), a factor “2” is lacking in two equations. This is only a typographical error and the rest of the derivations are correct.

In Glémin (2010), Equation 5a must read (factor in bold face)

$$\Phi(x) = Kx^{4(\alpha N/(1+F))u-1}(1-x)^{4(\alpha N/(1+F))\lambda u-1} \times e^{-2(\alpha N/(1+F))x(-2b(1-F)+2s(h+F-hF)+sx(1-F)(1-2h))}$$

instead of

$$\Phi(x) = Kx^{4(\alpha N/(1+F))u-1}(1-x)^{4(\alpha N/(1+F))\lambda u-1} \times e^{-2(\alpha N/(1+F))x(-b(1-F)+s(h+F-hF)+sx(1-F)(1-2h))}.$$

Similarly, Equation 5b must read

$$\Phi(x) = Kx^{4(\alpha N/(1+F))\lambda u-1}(1-x)^{4(\alpha N/(1+F))u-1} \times e^{-2(\alpha N/(1+F))x(2b(1-F)+2s(h+F-hF)+sx(1-F)(1-2h))}$$

instead of

$$\Phi(x) = Kx^{4(\alpha N/(1+F))\lambda u-1}(1-x)^{4(\alpha N/(1+F))u-1} \times e^{-2(\alpha N/(1+F))x(b(1-F)+s(h+F-hF)+sx(1-F)(1-2h))}.$$

In Glémin (2011) the same error has been transferred. Equation 5a must read

$$\Phi(x_i) = K_{x_i}^{4Nu+4Nmx-1}(1-x_i)^{4N\lambda u+4Nm(1-x)-1}e^{-2Nx_i(-2b+2hs+(1-2h)sx_i)}$$

instead of

$$\Phi(x_i) = K_{x_i}^{4Nu+4Nmx-1}(1-x_i)^{4N\lambda u+4Nm(1-x)-1}e^{-2Nx_i(-b+hs+(1-2h)sx_i)}$$

and Equation 5b must read

$$\Phi(x_i) = K_{x_i}^{4N\lambda u+4Nmx-1}(1-x_i)^{4Nu+4Nm(1-x)-1}e^{-2Nx_i(2b+2hs+(1-2h)sx_i)}$$

instead of

$$\Phi(x_i) = K_{x_i}^{4N\lambda u+4Nmx-1}(1-x_i)^{4Nu+4Nm(1-x)-1}e^{-2Nx_i(b+hs+(1-2h)sx_i)}.$$

Acknowledgments

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Literature Cited

- Glémin, S., 2010 Surprising fitness consequences of GC-biased gene conversion: I. Mutation load and inbreeding depression. *Genetics* 185: 939–959.
- Glémin, S., 2011 Surprising fitness consequences of GC-biased gene conversion. II. Heterosis. *Genetics* 187: 217–227.