Corrigendum

We wish to bring to the reader's attention a correction to 'Multimodel inference in ecology and evolution: challenges and solutions' by Grueber *et al.* (2011). In the Appendix, we detailed a method for generating model averaged point estimates and their confidence intervals (Step 5: using the model for prediction). Our method for calculating confidence intervals is incorrect, and will lead to excessively wide estimates. The R package AICcmodavg (Mazerolle, 2011) can be used to generate point estimates and their unconditional standard errors from a model averaged set; the latter can be used to estimate confidence intervals (see Burnham & Anderson, 2002). AICcmodavg gives point estimates comparable with the method we describe if the final model is generated by the zero averaging method (data not shown). Conversely, in our previous analysis, we chose to use the 'NA' averaging method (also known as the 'nonshrinkage' method), as our parameter of interest may have only a weak effect relative to other fixed factors (Grueber *et al.*, 2011). At present, generating point estimates under the NA model averaging methodology is more complex, due to varying model weights of each parameter in each model to be averaged. Recently, there has been much research investigating appropriate methods for generating model averaged parameter estimates (e.g. Garamszegi, 2011), but it seems that further research into their use for prediction would be valuable, particularly under the NA method of averaging. We apologise for the erroneous description of confidence intervals presented by Grueber *et al.* (2011).

C. E. GRUEBER, S. NAKAGAWA, R. J. LAWS &
I. G. JAMIESON

Department of Zoology, University of Otago, PO Box 56,
Dunedin 9054, New Zealand
E-mail: c_grueber@yahoo.co.nz

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Corrigendum

In the paper 'Sexual selection is positively associated with ecological generalism among agamid lizards' by Östman & Stuart-Fox (2011), the authors provided the wrong article title and publication details for the reference Sharp and Agrawal (2008). The correct reference is:

Sharp, N.P. & Agrawal, A.F. 2008. Mating density and the strength of sexual selection against deleterious alleles in *Drosophila melanogaster*. *Evolution* **62**: 857–867.

Reference

Östman, Ö. & Stuart-Fox, D. 2011. Sexual selection is positively associated with ecological generalism among agamid lizards. *J. Evol. Biol.* **24**: 733–740.