Supplementary Figures:

Meta-population Modeling of Narwhals, *Monodon monoceros*, in East Canada and West Greenland

Lars Witting, Thomas Doniol-Valcroze, Roderick C. Hobbs,
Susanne Ditlevsen, and Mads Peter Heide-Jørgensen

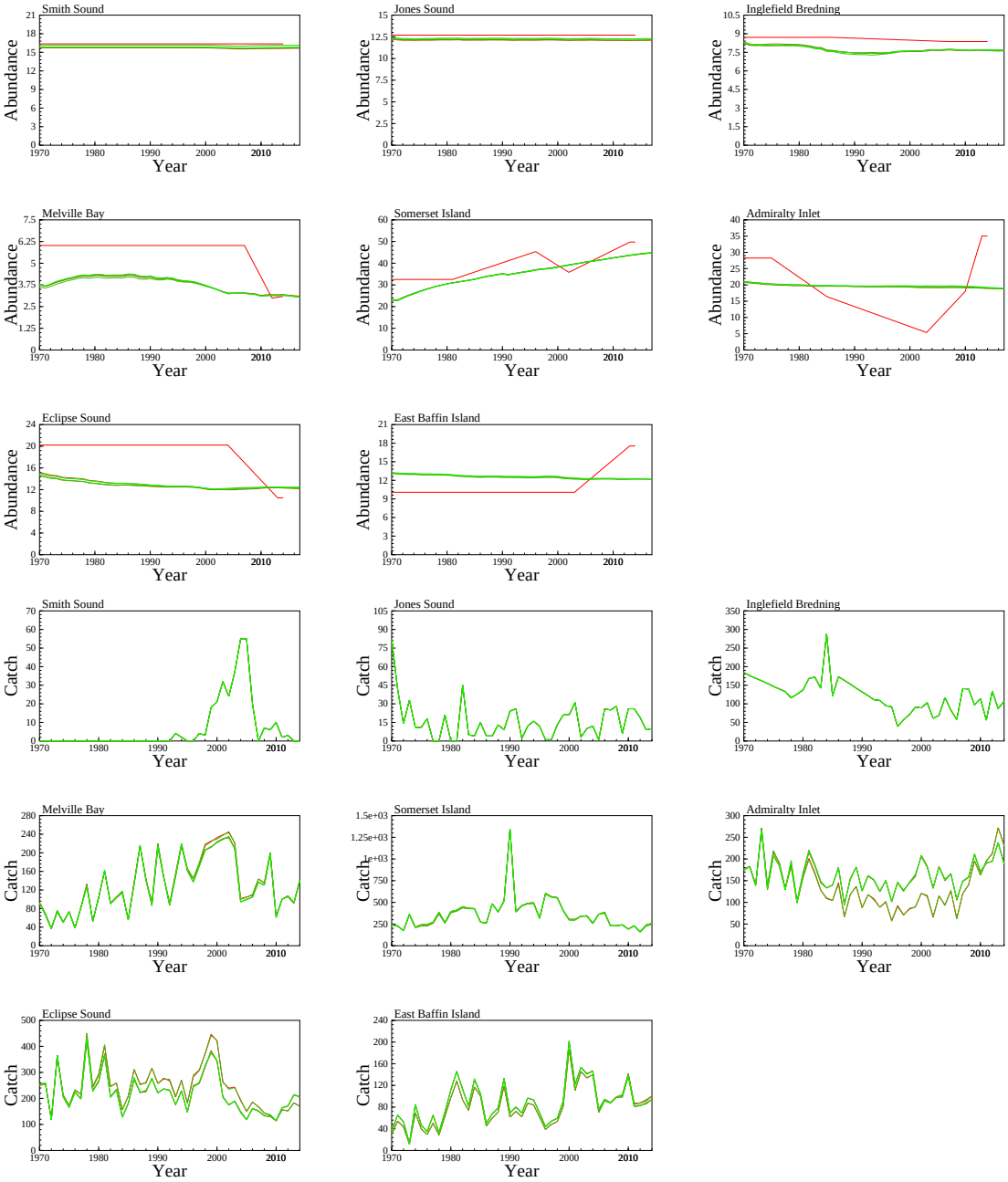

Figure S1: The convergence of the abundance trajectories and catch histories as a function of the number of iterations of the complete meta population model, with iteration number increasing with colour transitions from clear red to clear green. Abundance in thousands.

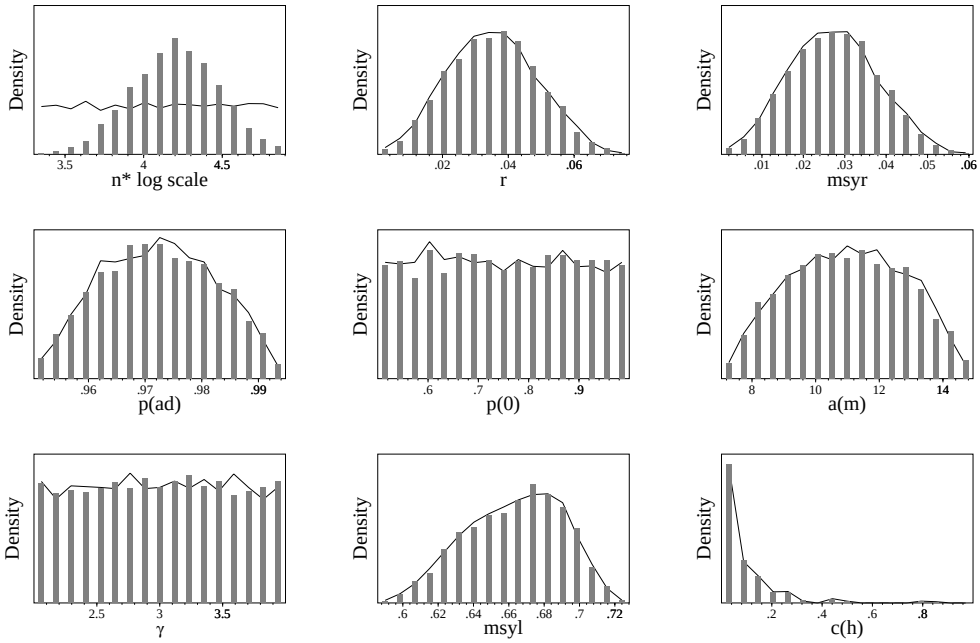

Figure S2: **Smith Sound** Realised prior (curve) and posterior (bars) distributions.

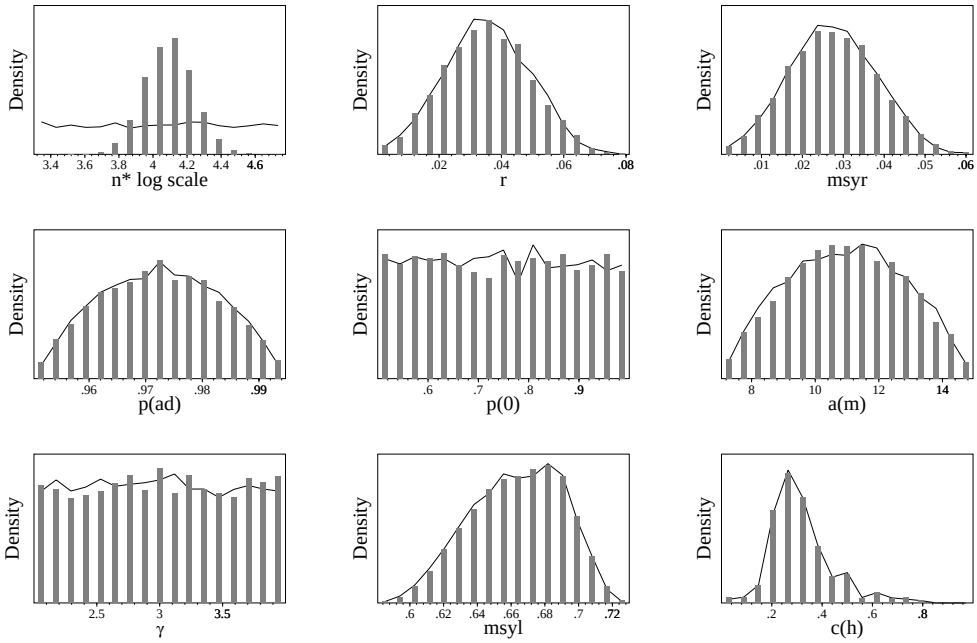

Figure S3: **Jones Sound** Realised prior (curve) and posterior (bars) distributions.

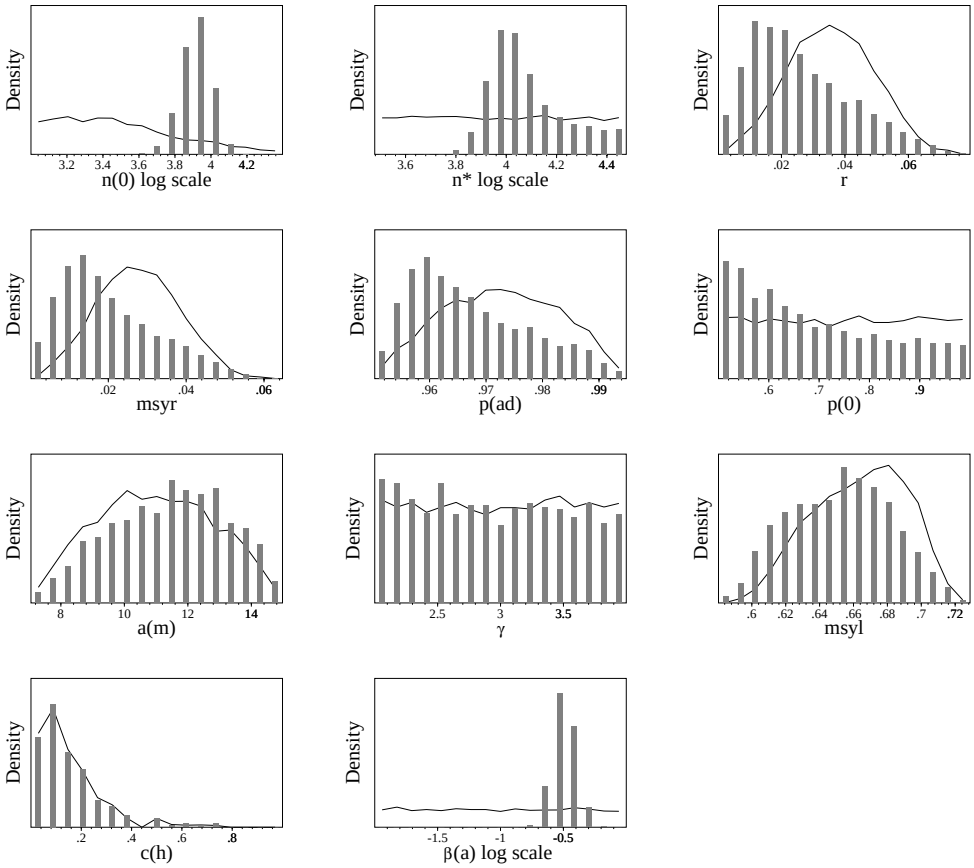

Figure S4: **Inglefield Bredning** Realised prior (curve) and posterior (bars) distributions.

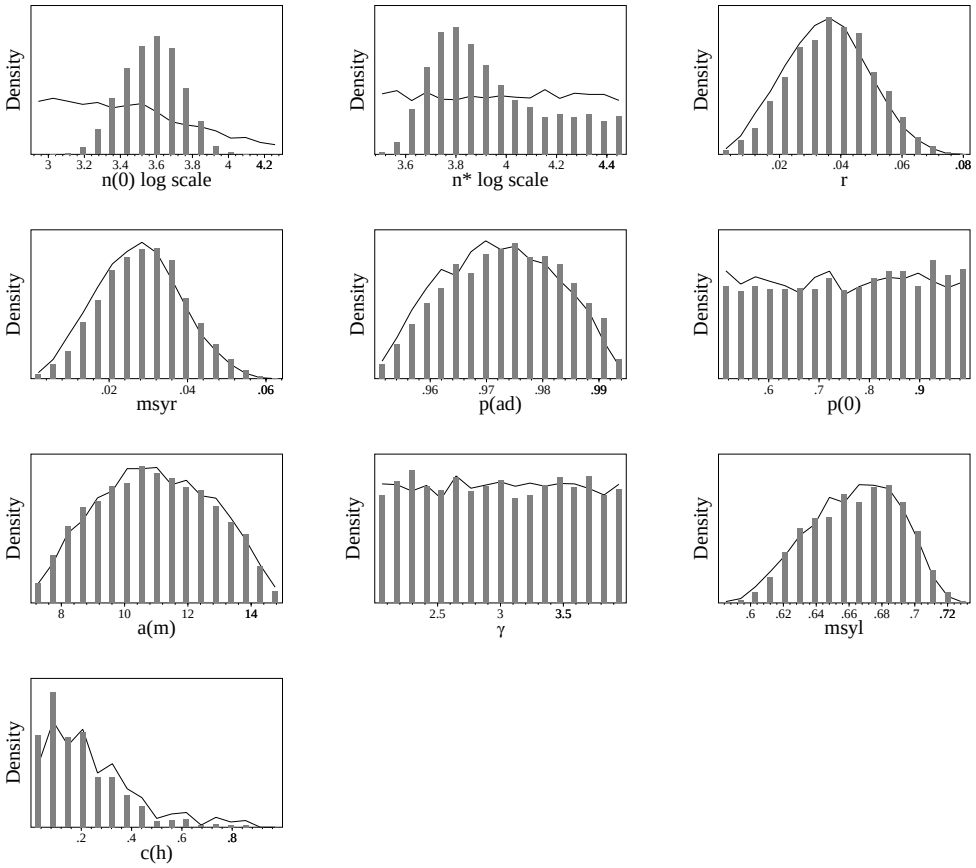

Figure S5: **Melville Bay** Realised prior (curve) and posterior (bars) distributions.

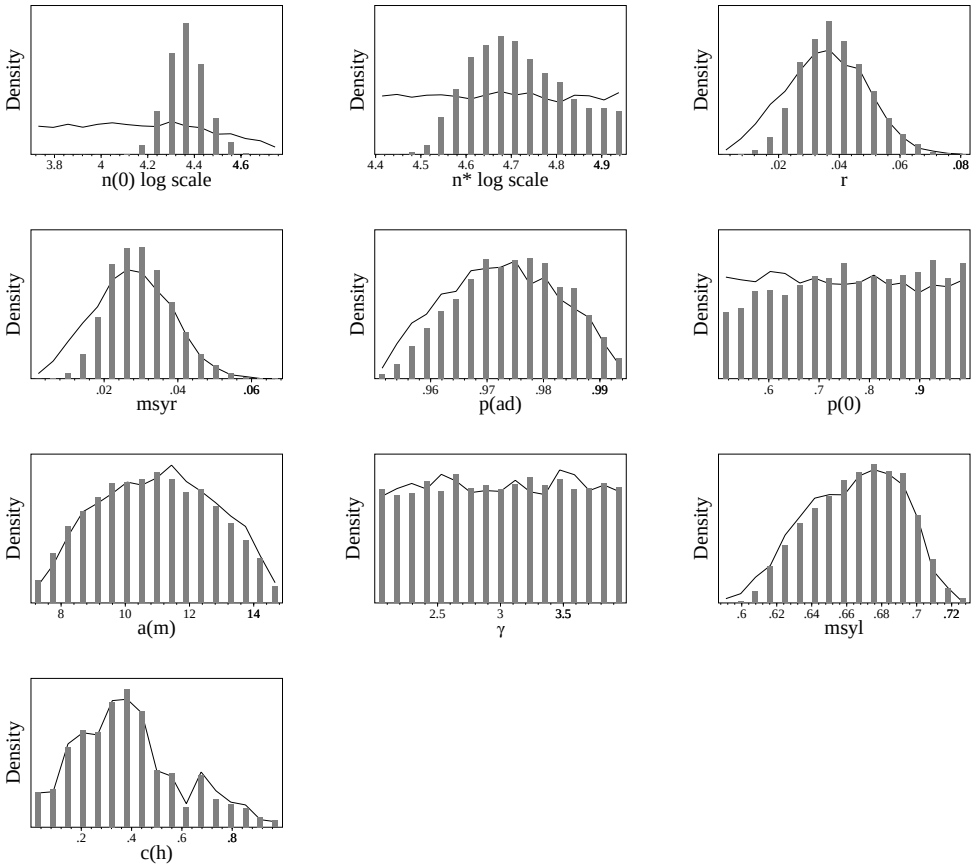

Figure S6: **Somerset Island** Realised prior (curve) and posterior (bars) distributions.

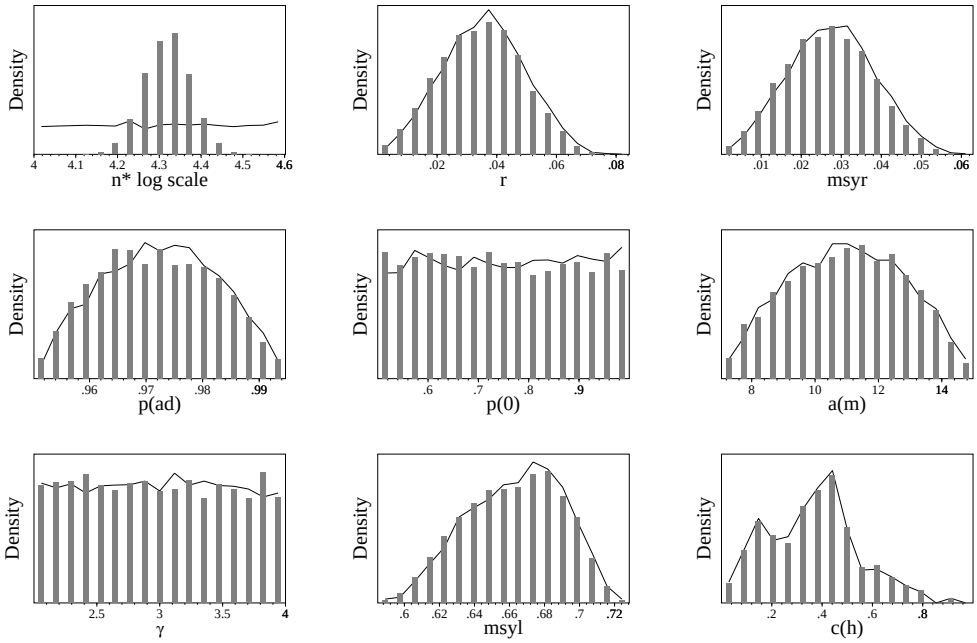

Figure S7: **Admiralty Inlet** Realised prior (curve) and posterior (bars) distributions.

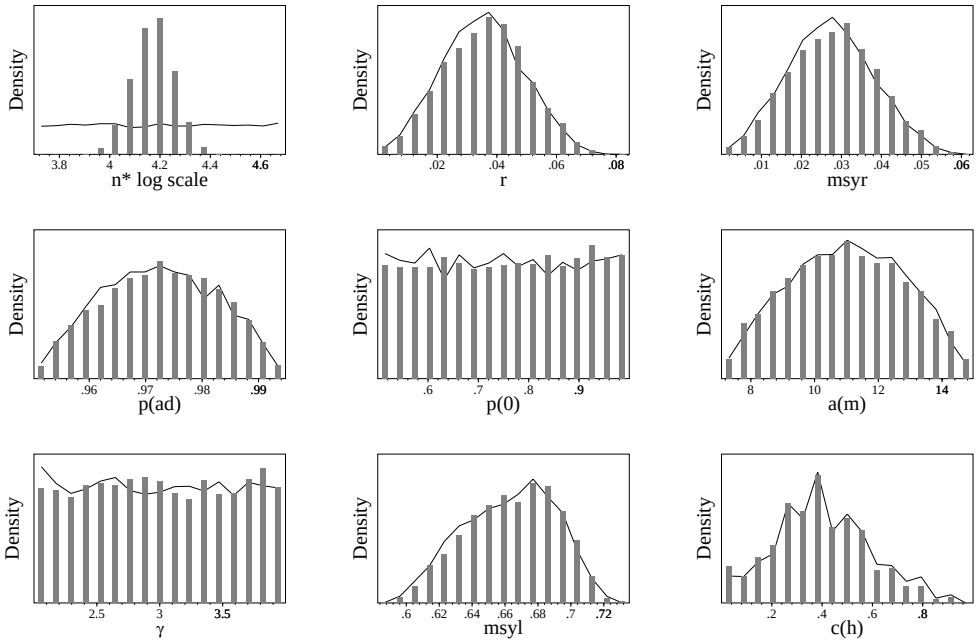

Figure S8: **Eclipse Sound** Realised prior (curve) and posterior (bars) distributions.

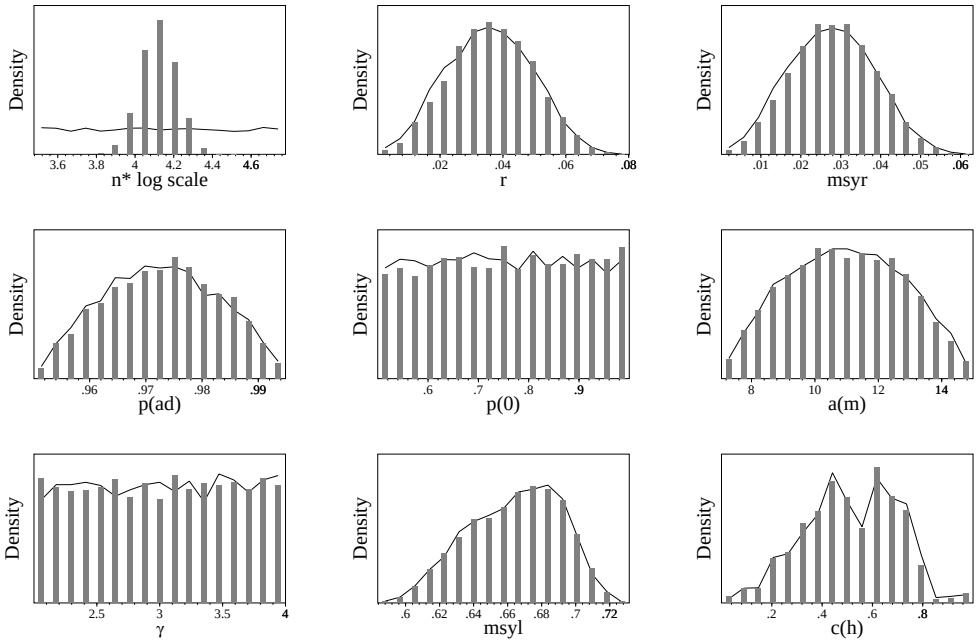

Figure S9: **East Baffin Island** Realised prior (curve) and posterior (bars) distributions.