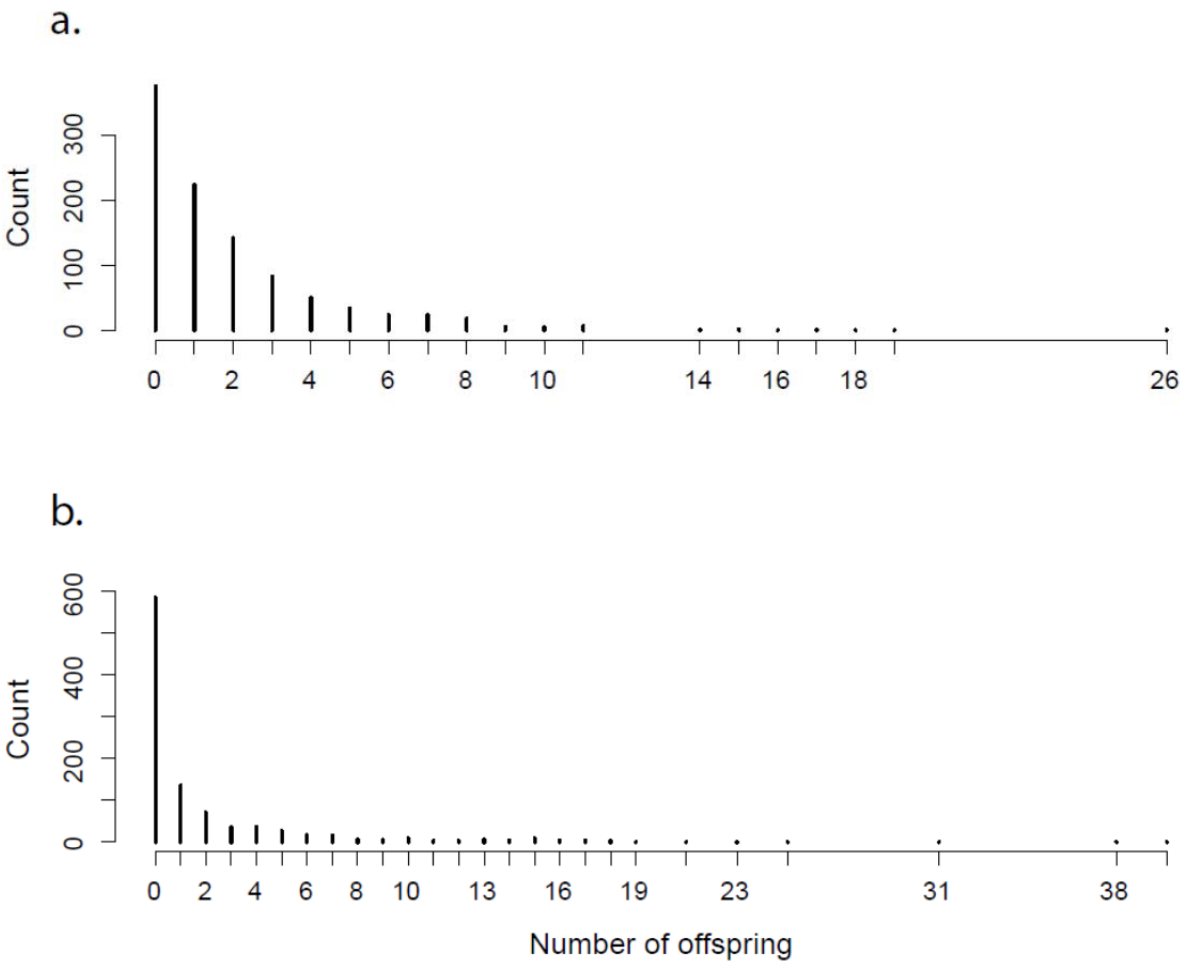


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663 **Additional file 4. Assumed lifetime reproductive success of Burrishoole Atlantic**
664 **salmon for females (a), and males (b).** The distributions are negative binomial distributions
665 with dispersion parameters 0.25 and 0.75 for males and females, respectively. In the above
666 example, the average reproductive success for each gender is assumed to be two (i.e. stable
667 population size), while in the simulations average reproductive success is adjusted for
668 empirical census population size (Table 1).