

Supplementary Table 1– Prior models used for leopard demography analyses in Storz and Beaumont method. A generation time of 5 years is used.

Runs	$\log(N_0)$	$\log(N_I)$	$\log(\lambda)$	$\log(T)$	$\log(N_0)$	$\log(N_I)$	$\log(\lambda)$	$\log(T)$
Run 01	5 1	5 1	-3.5 1	3 1	3.5 2 0 0.5	6 3 0 0.5	-3.5 0.25 0 0.5	3 2 0 0.5
Run 02	5 1	5 1	-3.5 1	3 1	3.5 2 0 0.5	5 2 0 0.5	-3.5 0.25 0 0.5	3 2 0 0.5
Run 03	5 1	5 1	-3.5 1	3 1	3.5 2 0 0.5	5 1 0 0.5	-3.5 0.25 0 0.5	3 2 0 0.5
Run 04	5 1	5 1	-3.5 1	3 1	3.5 2 0 0.5	6 1 0 0.5	-3.5 0.25 0 0.5	3.5 2 0 0.5
Run 05	5 1	5 1	-3.5 1	3 1	4 2 0 0.5	6 2 0 0.5	-3.5 0.25 0 0.5	3 2 0 0.5
Run 06	5 1	5 1	-3.5 1	3 1	3.5 2 0 0.5	5 1 0 0.5	-3.5 0.25 0 0.5	3 2 0 0.5