

Appendix 4. Results of ANCOVAs for effect of distribution (marble trout in sympatry with rainbow trout vs marble trout in allopatry) on \ln final weight ($\ln W_2$) as the dependent variable and \ln initial weight ($\ln W_1$) as the covariate for each interval. Subscripts indicate d.f. associated with the F-statistics. Interaction between distribution and $\ln W_1$ was never significant in the ANCOVAs. Therefore, the interaction term was removed from the model and adjusted mean (at a common initial mass) and R^2 were computed for the reduced model. Sampling intervals were from June (J) to September (S) of year t (summer) or from September of year t to June of year $t+1$ (winter).

Interval	Year of birth of the cohort	Age	Distribution (F)	$\ln W_1$ (F)	Interaction (F)	Adjusted mean (F)	R^2
S 04 to J 05	2003	1 to 2	2.86 _{1,13}	23.9543 _{1,13}	0.32 _{1,13}	3.01 _{1,14}	0.62
J 05 to S 05	2003	2	0.55 _{1,9}	54.88 _{1,9}	0.46 _{1,9}	0.59 _{1,10}	0.82
S 05 to J 06	2003	2 to 3	4.01 _{1,10}	37.41 _{1,10}	0.01 _{1,10}	4.40 _{1,11}	0.77
	2004	1 to 2	0.86 _{1,14}	46.73 _{1,14}	0.03 _{1,14}	0.92 _{1,15}	0.74
J 06 to S 06	2003	3	0.12 _{1,15}	66.58 _{1,15}	0.26 _{1,15}	0.13 _{1,16}	0.79
	2004	2	0.21 _{1,22}	91.98 _{1,22}	0.04 _{1,22}	0.23 _{1,23}	0.79
S 06 to J 07	2004	2 to 3	0.08 _{1,8}	86.09 _{1,8}	0.18 _{1,8}	0.09 _{1,9}	0.89
J 07 to S 07	2003	4	0.09 _{1,6}	152,13 _{1,6}	2.48 _{1,6}	0.07 _{1,7}	0.93
	2004	3	0.48 _{1,13}	450.56 _{1,13}	1.53 _{1,13}	0.46 _{1,14}	0.97
	2005	2	3.59 _{1,14}	44.60 _{1,14}	1.29 _{1,14}	3.52 _{1,15}	0.72

S 07 to J 08	2005	2 to 3	0.93 _{1,4}	19.59 _{1,4}	0.01 _{1,4}	1.16 _{1,5}	0.77
	2006	1 to 2	0.19 _{1,12}	91.55 _{1,12}	1.76 _{1,12}	0.18 _{1,13}	0.85
J 08 to S 08	2006	2	0.18 _{1,9}	45.55 _{1,9}	0.04 _{1,9}	0.19 _{1,10}	0.80
	2007	1	0.42 _{1,10}	45.10 _{1,10}	0.17 _{1,10}	0.46 _{1,11}	0.78
S 08 to J 09	2006	2 to 3	0.15 _{1,5}	21.68 _{1,5}	0.04 _{1,5}	0.18 _{1,6}	0.75
	2007	1 to 2	7.28 _{1,22}	194.33 _{1,22}	7.28 _{1,22}	6.67* _{1,23}	0.88
