Supplementary Table 4: Results of the Fligner-Kileen tests for variance homogeneity in the raw representation data. df = degrees of freedom. P = p-value. Cases where the alternative hypothesis (variances are not equal) is true are highlighted in bold.

Cohort	Sample	Median chi-square	df	P
1993	Electrofishing Aug 1993 0+parr	5.33	3	0.149
1994	Electrofishing Aug 1994 0+parr	1.00	3	0.801
1994	Electrofishing Jun 1995 1+parr	3.28	3	0.350
1998	Electrofishing Aug 1998 0+parr	**11.65**	**4**	**0.020**
1993	Trapped parr May 1993-May 1994	**11.93**	**3**	**0.008**
1993	Trapped pre-smolts + smolts Sep 1994-Apr 1995	1.81	3	0.613
1994	Trapped parr May 1994-May 1995	5.35	3	0.148
1994	Trapped pre-smolts + smolts Sep 1995-Apr 1996	1.98	3	0.578
1998	Trapped parr May 1998-May 1999	**56.63**	**4**	**0.000**
1998	Trapped pre-smolts + smolts 1998 cohort	1.59	4	0.810
1993	Hatchery controls 0+parr Aug 1993	3.48	3	0.323
1993	Hatchery controls mature 0+parr Nov 1993	3.54	3	0.315
1993	Hatchery controls smolts Mar 1994	5.00	3	0.172
1994	Hatchery controls smolts Mar 1995	2.09	3	0.554