

RELAX Combined Report

SRV vs SRV+Double vs SRV+Double+Triple

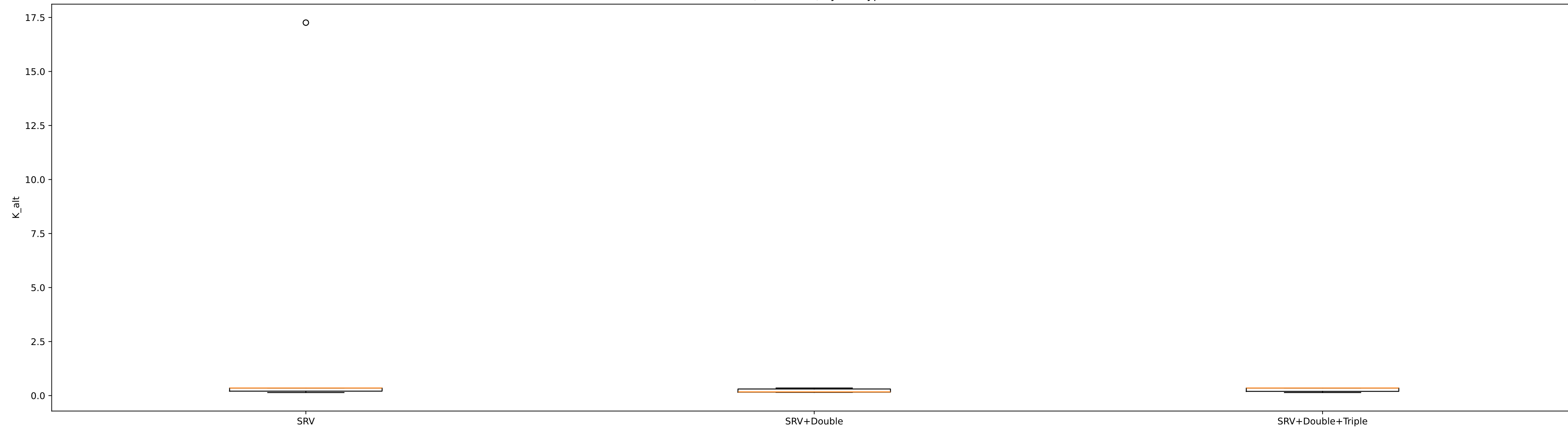
Includes:

- Run-type summary
- Boxplots: K, p-values, 2H/3H
- Full omega/SRV/multihit tables (column-paged)

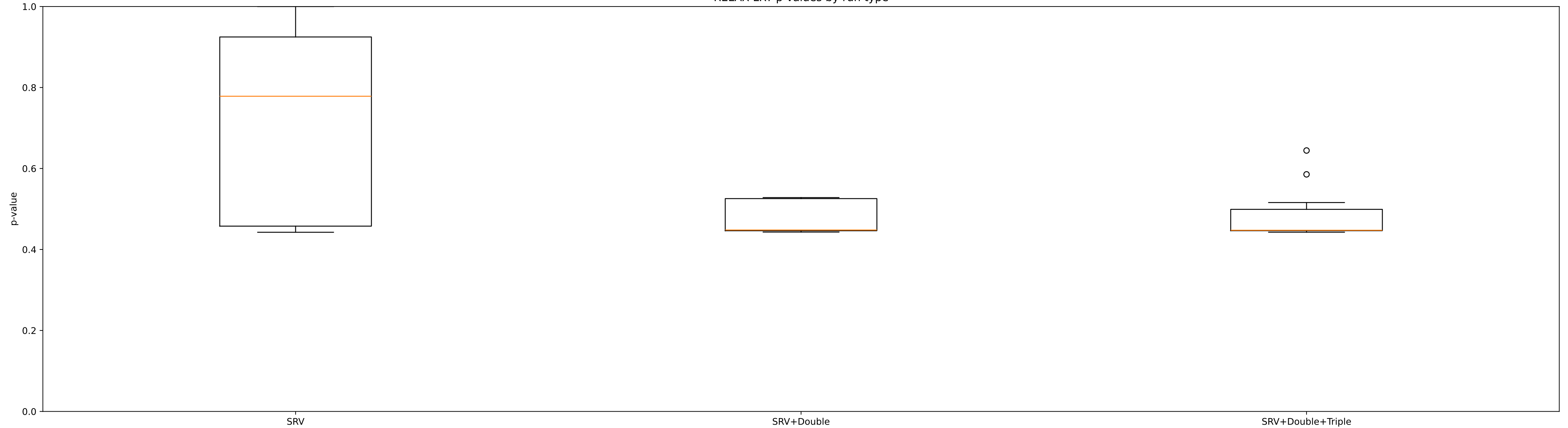
Run-type summary statistics

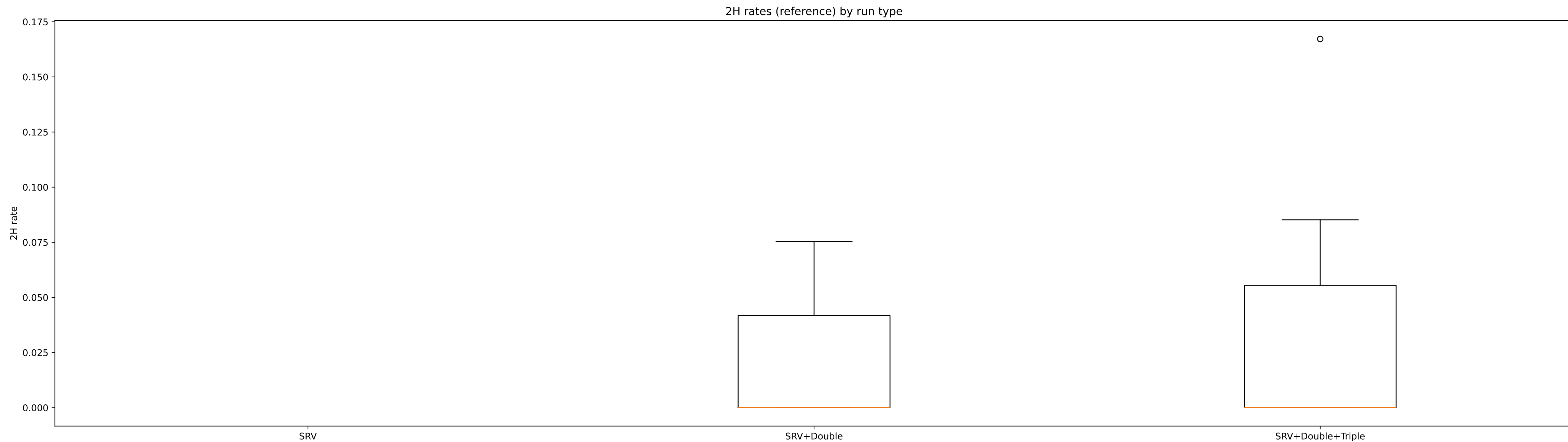
p_median	p_min	p_max	K_median	K_min	K_max	omega_ref_med ian	omega_test_med ian	warnings_count	2H_reference_m edian	2H_test_median
0.7784	0.4425	1.0	0.35	0.14	17.26	0.2695	0.511	10	nan	nan
0.448	0.443	0.5281	0.17	0.15	0.35	0.2695	0.511	10	0.0	0.0
0.4474	0.4427	0.6444	0.35	0.14	0.35	0.2695	0.511	10	0.0	0.0

K (alternative) by run type

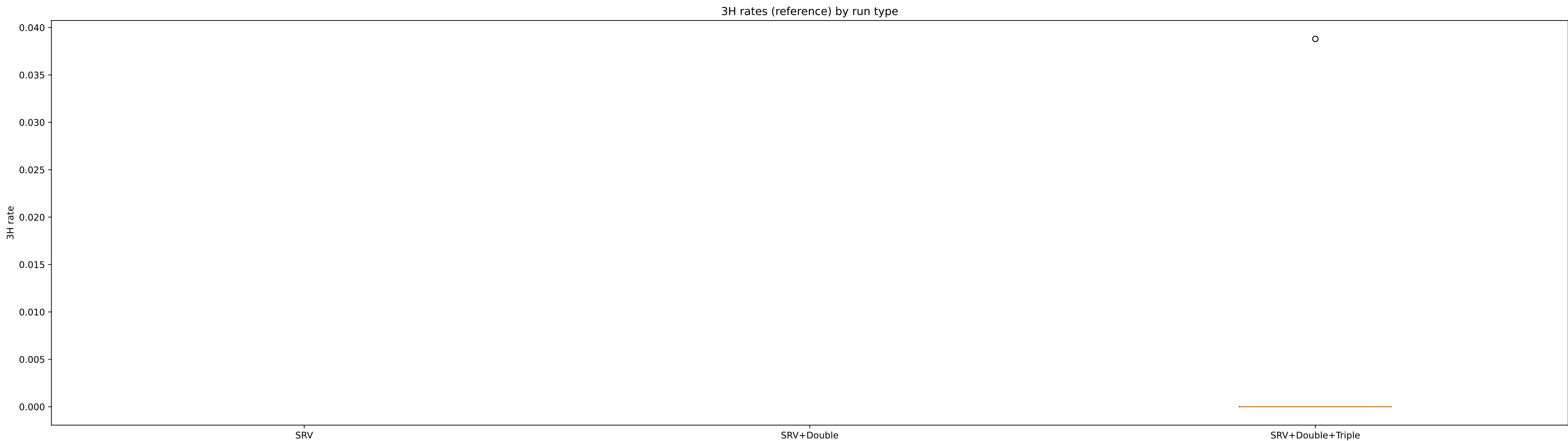


RELAX LRT p-values by run type











	replicate	p_value	K_alt	global_dNdS_reference	global_dNdS_test	
	1	1.0	0.34	0.2695	0.511	
	2	0.4916	0.16	0.2695	0.511	
	3	0.8681	0.35	0.2695	0.511	
	4	0.6887	0.35	0.2695	0.511	
	5	0.934	0.35	0.2695	0.511	
	6	0.4425	0.16	0.2695	0.511	
	7	0.4445	17.26	0.2695	0.511	
	8	0.8973	0.35	0.2695	0.511	
	9	0.4463	0.14	0.2695	0.511	
	10	1.0	0.35	0.2695	0.511	

	replicate	p_value	K_alt	global_dNdS_reference	global_dNdS_test	
	1	0.4431	0.16	0.2695	0.511	
	2	0.4475	0.35	0.2695	0.511	
	3	0.5275	0.17	0.2695	0.511	
	4	0.4484	0.35	0.2695	0.511	
	5	0.443	0.15	0.2695	0.511	
	6	0.4459	0.16	0.2695	0.511	
	7	0.5248	0.17	0.2695	0.511	
	8	0.5281	0.17	0.2695	0.511	
	9	0.5259	0.16	0.2695	0.511	
	10	0.4477	0.35	0.2695	0.511	

	replicate	p_value	K_alt	global_dNdS_reference	global_dNdS_test	
	1	0.4466	0.35	0.2695	0.511	
	2	0.4481	0.35	0.2695	0.511	
	3	0.4488	0.35	0.2695	0.511	
	4	0.6444	0.35	0.2695	0.511	
	5	0.4463	0.35	0.2695	0.511	
	6	0.5855	0.3	0.2695	0.511	
	7	0.4446	0.16	0.2695	0.511	
	8	0.4427	0.16	0.2695	0.511	
	9	0.4468	0.35	0.2695	0.511	
	10	0.5159	0.14	0.2695	0.511	

	test	Negative s election	0.0	0.0	SRV+Double	
	test	Negative s election	0.045	74.76	SRV+Double	
	test	Neutral evolution	1.0	25.24	SRV+Double	
	test	Neutral evolution	1.0	25.24	SRV+Double	
	reference	Negative s election	Ω-class distributions (all) (cols 1-7/7)		0.084	SRV+Double
	reference	Negative s election	0.045	74.52	SRV+Double	
	reference	Neutral evolution	1.0	25.396	SRV+Double	
	test	Negative s election	0.0	0.084	SRV+Double	
	test	Negative s election	0.045	74.52	SRV+Double	
	test	Neutral evolution	1.0	25.396	SRV+Double	
	reference	Negative s election	0.0	64.052	SRV+Double	
	reference	Negative s election	0.725	28.084	SRV+Double	
	reference	Neutral evolution	1.0	7.864	SRV+Double	
	test	Negative s election	0.254	64.052	SRV+Double	
	test	Negative s election	0.954	28.084	SRV+Double	
	test	Negative s election	0.0	64.052	SRV+Double	
	test	Negative s election	0.725	28.084	SRV+Double	
	test	Neutral evolution	1.0	7.864	SRV+Double	
	test	Neutral evolution	1.0	7.864	SRV+Double	
	reference	Negative s election	0.0	63.962	SRV+Double	
	reference	Negative s election	0.727	28.148	SRV+Double	
	reference	Neutral evolution	1.0	7.89	SRV+Double	
	test	Negative s election	0.0	63.962	SRV+Double	
	test	Negative s election	0.727	28.148	SRV+Double	
	test	Neutral evolution	1.0	7.89	SRV+Double	
	reference	Negative s election	0.0	63.949	SRV+Double	
	reference	Negative s election	0.72	27.83	SRV+Double	
	reference	Neutral evolution	1.0	8.222	SRV+Double	
	test	Negative s election	0.255	63.949	SRV+Double	
	test	Negative s election	0.949	27.83	SRV+Double	
	test	Negative s election	0.0	63.949	SRV+Double	
	test	Negative s election	0.72	27.83	SRV+Double	
	test	Neutral evolution	1.0	8.222	SRV+Double	
	test	Neutral evolution	1.0	8.222	SRV+Double	
	reference	Negative s election	0.0	63.888	SRV+Double	
	reference	Negative s election	0.725	28.094	SRV+Double	
	reference	Neutral evolution	1.0	8.018	SRV+Double	
	test	Negative s election	0.0	63.888	SRV+Double	
	test	Negative s election	0.725	28.094	SRV+Double	
	test	Neutral evolution	1.0	8.018	SRV+Double	
	reference	Negative s election	0.0	63.537	SRV+Double	
	reference	Negative s election	0.62	21.353	SRV+Double	
	reference	Neutral evolution	1.0	15.109	SRV+Double	
	test	Negative s election	0.253	63.537	SRV+Double	
	test	Negative s election	0.921	21.353	SRV+Double	
	test	Negative s election	0.0	63.537	SRV+Double	
	test	Negative s election	0.62	21.353	SRV+Double	
	test	Neutral evolution	1.0	15.109	SRV+Double	
	test	Neutral evolution	1.0	15.109	SRV+Double	
	reference	Negative s election	0.0	63.372	SRV+Double	

SRV rate classes (all) (cols 1-6/6)

	class_id	syn_rate	proportion_per cent	run_type	
	1	0.733	87.28	SRV	
	2	2.483	12.241	SRV	
	3	11.788	0.479	SRV	
	1	0.767	88.056	SRV	
	2	0.986	3.147	SRV	
	3	3.336	8.797	SRV	
	1	0.0	3.031	SRV	
	2	0.827	90.047	SRV	
	3	3.683	6.922	SRV	
	1	0.0	3.058	SRV	
	2	0.828	90.009	SRV	
	3	3.68	6.934	SRV	
	1	0.0	3.073	SRV	
	2	0.828	89.981	SRV	
	3	3.675	6.946	SRV	
	1	0.0	3.114	SRV	
	2	0.827	89.862	SRV	
	3	3.66	7.025	SRV	
	1	0.767	87.642	SRV	
	2	0.981	3.619	SRV	
	3	3.348	8.739	SRV	
	1	0.0	3.015	SRV	
	2	0.827	90.034	SRV	
	3	3.679	6.951	SRV	
	1	0.0	3.016	SRV	
	2	0.825	89.896	SRV	
	3	3.641	7.088	SRV	
	1	0.716	62.477	SRV	
	2	0.924	29.288	SRV	
	3	3.427	8.235	SRV	

