

RELAX Combined Report

SRV vs SRV+Double vs SRV+Double+Triple

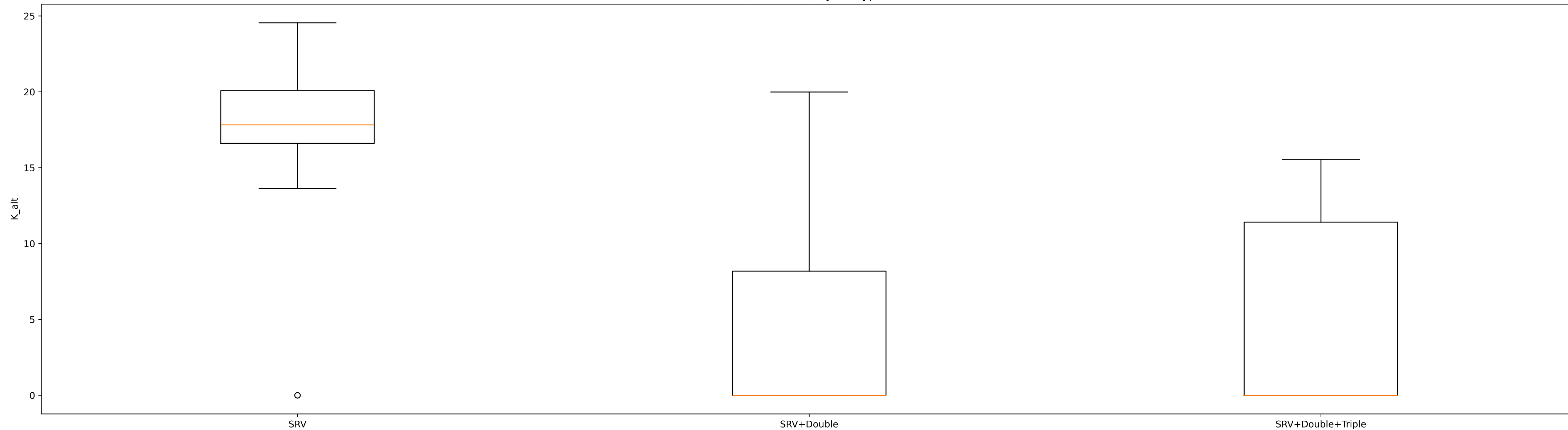
Includes:

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

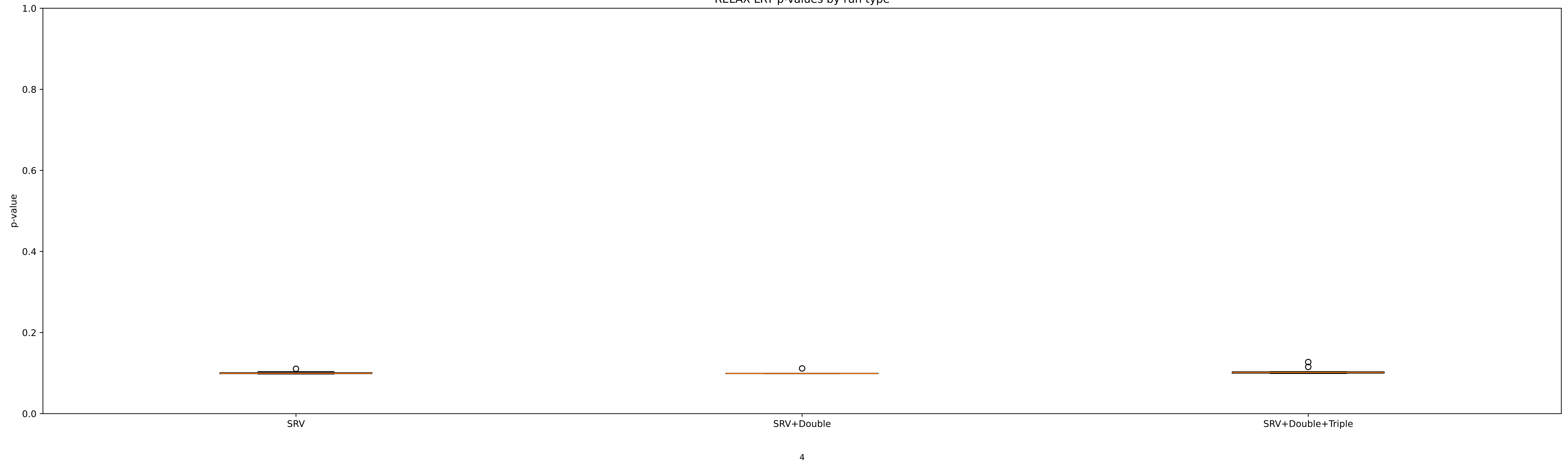
Run-type summary statistics

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
0.0995	0.0978	0.1106	17.82	0.0	24.55	0.2682	1.4927	10	nan	nan
0.0992	0.0987	0.1115	0.0	0.0	19.99	0.2682	1.4927	10	0.0	0.0
0.1016	0.0991	0.1272	0.0	0.0	15.55	0.2682	1.4927	10	0.0	0.0

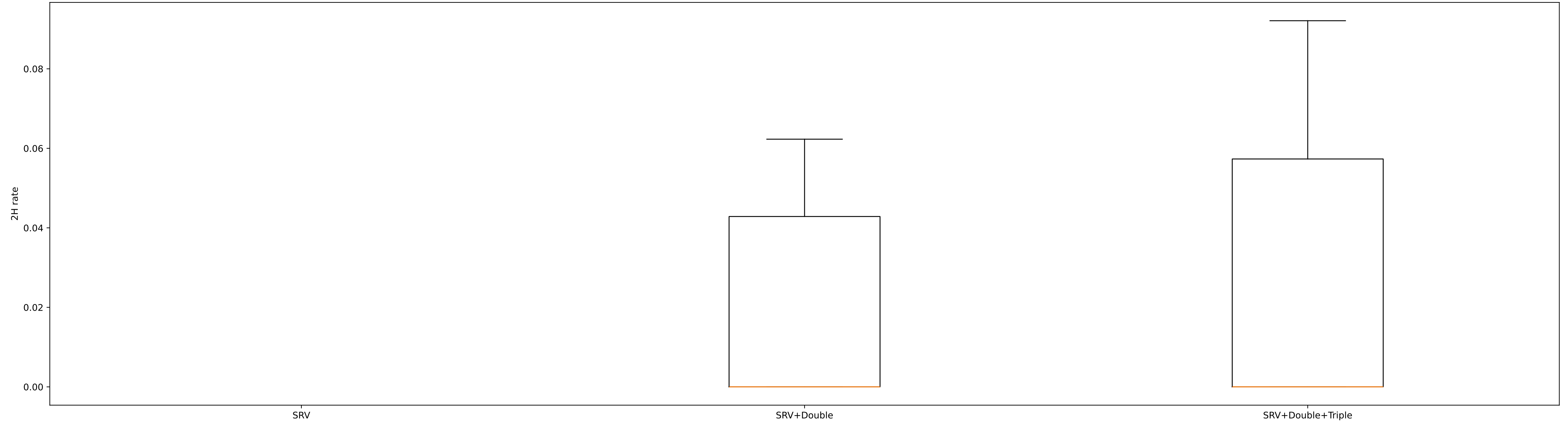
K (alternative) by run type

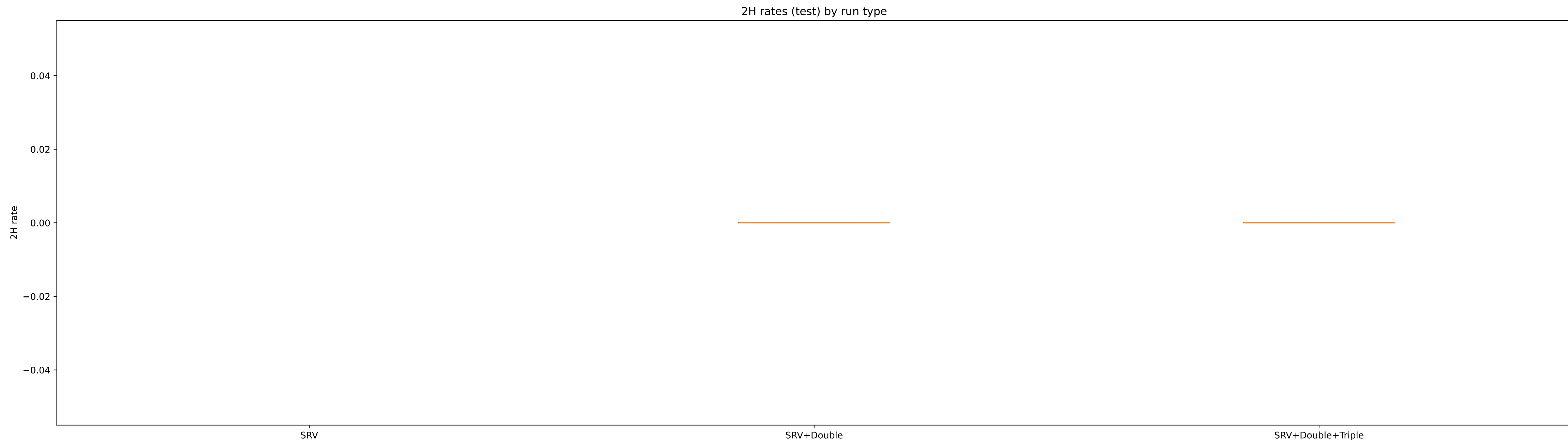


RELAX LRT p-values by run type



2H rates (reference) by run type





3H rates (reference) by run type



3H rates (test) by run type



	replicate	p_value	K_alt	global_dNdS_reference	global_dNdS_test	
	1	0.1009	16.52	0.2682	1.4927	
	2	0.098	24.55	0.2682	1.4927	
	3	0.1035	0.0	0.2682	1.4927	
	4	0.099	20.14	0.2682	1.4927	
	5	0.1106	17.36	0.2682	1.4927	
	6	0.1007	16.88	0.2682	1.4927	
	7	0.0986	13.62	0.2682	1.4927	
	8	0.0995	20.82	0.2682	1.4927	
	9	0.0995	18.28	0.2682	1.4927	
	10	0.0978	19.89	0.2682	1.4927	

	replicate	p_value	K_alt	global_dNdS_reference	global_dNdS_test	
	1	0.0994	0.0	0.2682	1.4927	
	2	0.099	15.9	0.2682	1.4927	
	3	0.0996	0.0	0.2682	1.4927	
	4	0.0987	19.99	0.2682	1.4927	
	5	0.1115	0.0	0.2682	1.4927	
	6	0.0993	0.0	0.2682	1.4927	
	7	0.0988	0.0	0.2682	1.4927	
	8	0.0995	0.0	0.2682	1.4927	
	9	0.0988	10.91	0.2682	1.4927	
	10	0.0989	0.0	0.2682	1.4927	

	replicate	p_value	K_alt	global_dNdS_reference	global_dNdS_test	
	1	0.1035	0.0	0.2682	1.4927	
	2	0.0993	0.0	0.2682	1.4927	
	3	0.1019	11.15	0.2682	1.4927	
	4	0.0991	12.01	0.2682	1.4927	
	5	0.101	0.0	0.2682	1.4927	
	6	0.1016	0.0	0.2682	1.4927	
	7	0.1152	15.55	0.2682	1.4927	
	8	0.1272	0.0	0.2682	1.4927	
	9	0.0996	11.5	0.2682	1.4927	
	10	0.1017	0.0	0.2682	1.4927	

	test	Negative s election	0.0	62.765	SRV+Double	
	test	Negative s election	0.0	28.975	SRV+Double	
	test	Negative s election	0.0	62.765	SRV+Double	
	test	Negative s election	0.643	28.975	SRV+Double	
	reference	Negative s election	0.0	63.773	SRV+Double	
	reference	Negative s election	0.718	28.074	SRV+Double	
	reference	Neutral ev olution	1.0	8.152	SRV+Double	
	test	Negative s election	0.0	63.773	SRV+Double	
	test	Negative s election	0.718	28.074	SRV+Double	
	test	Neutral ev olution	1.0	8.152	SRV+Double	
	reference	Negative s election	0.0	63.732	SRV+Double	
	reference	Negative s election	0.694	26.524	SRV+Double	
	reference	Neutral ev olution	1.0	9.743	SRV+Double	
	test	Negative s election	0.0	63.732	SRV+Double	
	test	Negative s election	0.694	26.524	SRV+Double	
	test	Neutral ev olution	1.0	26.524	SRV+Double	
	test	Neutral ev olution	1.0	63.732	SRV+Double	
	test	Neutral ev olution	1.0	9.743	SRV+Double	
	test	Neutral ev olution	1.0	9.743	SRV+Double	
	reference	Negative s election	0.0	63.831	SRV+Double	
	reference	Negative s election	0.706	26.583	SRV+Double	
	reference	Neutral ev olution	1.0	9.586	SRV+Double	
	test	Negative s election	0.0	63.831	SRV+Double	
	test	Negative s election	0.706	26.583	SRV+Double	
	test	Neutral ev olution	1.0	9.586	SRV+Double	
	reference	Negative s election	0.0	63.68	SRV+Double	
	reference	Negative s election	0.675	25.136	SRV+Double	
	reference	Neutral ev olution	1.0	11.184	SRV+Double	
	test	Negative s election	0.0	63.68	SRV+Double	
	test	Negative s election	0.675	25.136	SRV+Double	
	test	Neutral ev olution	1.0	25.136	SRV+Double	
	test	Neutral ev olution	1.0	63.68	SRV+Double	
	test	Neutral ev olution	1.0	11.184	SRV+Double	
	test	Neutral ev olution	1.0	11.184	SRV+Double	
	reference	Negative s election	0.0	63.488	SRV+Double	
	reference	Negative s election	0.677	25.294	SRV+Double	
	reference	Neutral ev olution	1.0	11.218	SRV+Double	
	test	Negative s election	0.0	63.488	SRV+Double	
	test	Negative s election	0.677	25.294	SRV+Double	
	test	Neutral ev olution	1.0	11.218	SRV+Double	
	reference	Negative s election	0.0	63.829	SRV+Double	
	reference	Negative s election	0.71	27.82	SRV+Double	
	reference	Neutral ev olution	1.0	8.351	SRV+Double	
	test	Negative s election	0.0	63.829	SRV+Double	
	test	Negative s election	0.71	27.82	SRV+Double	
	test	Neutral ev olution	1.0	27.82	SRV+Double	
	test	Neutral ev olution	1.0	63.829	SRV+Double	
	test	Neutral ev olution	1.0	8.351	SRV+Double	
	test	Neutral ev olution	1.0	8.351	SRV+Double	
	reference	Negative s election	0.0	63.73	SRV+Double	

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

	class_id	syn_rate	proportion_per cent	run_type	
	1	0.742	67.222	SRV	
	2	0.867	23.841	SRV	
	3	3.297	8.937	SRV	
	1	0.733	87.309	SRV	
	2	2.502	12.214	SRV	
	3	11.504	0.477	SRV	
	1	0.754	77.752	SRV	
	2	0.887	13.281	SRV	
	3	3.297	8.967	SRV	
	1	0.765	87.276	SRV	
	2	0.984	3.917	SRV	
	3	3.335	8.807	SRV	
	1	0.0	2.638	SRV	
	2	0.818	89.887	SRV	
	3	3.538	7.475	SRV	
	1	0.772	90.853	SRV	
	2	3.227	0.741	SRV	
	3	3.273	8.406	SRV	
	1	0.731	71.955	SRV	
	2	0.969	19.741	SRV	
	3	3.407	8.304	SRV	
	1	0.0	3.078	SRV	
	2	0.826	89.903	SRV	
	3	3.663	7.019	SRV	
	1	0.441	15.384	SRV	
	2	0.871	77.525	SRV	
	3	3.622	7.092	SRV	
	1	0.711	62.942	SRV	
	2	0.945	28.954	SRV	
	3	3.443	8.103	SRV	

