

RELAX Combined Report

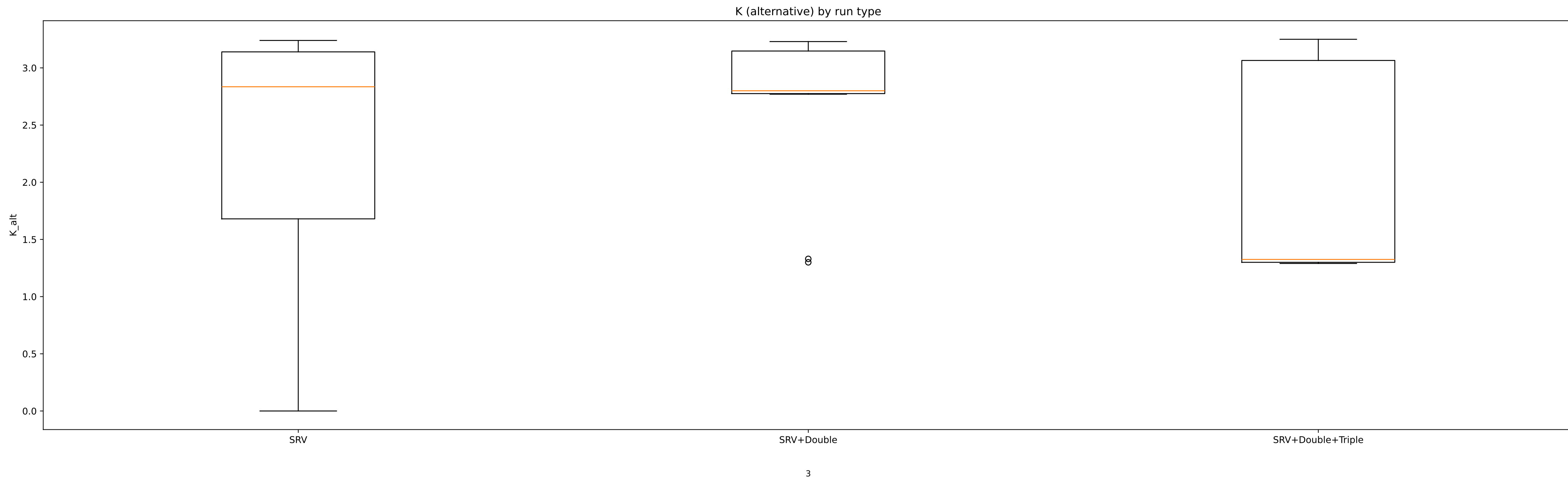
SRV vs SRV+Double vs SRV+Double+Triple

Includes:

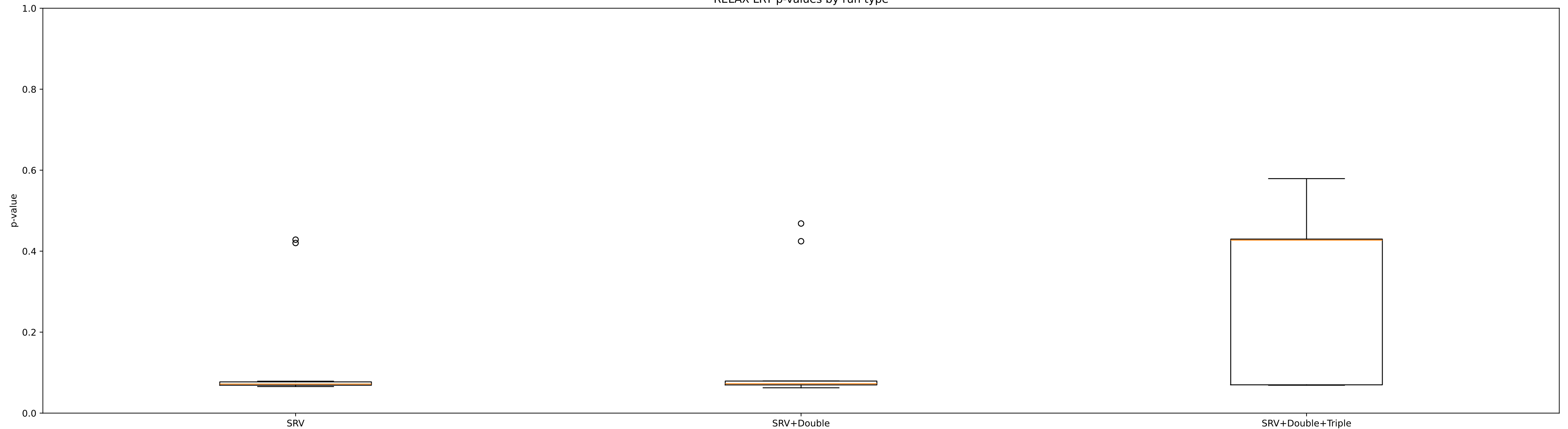
- Run-type summary
- Boxplots: K, p-values, 2H/3H
- Full omega/SRV/multihit tables (column-paged)

Run-type summary statistics

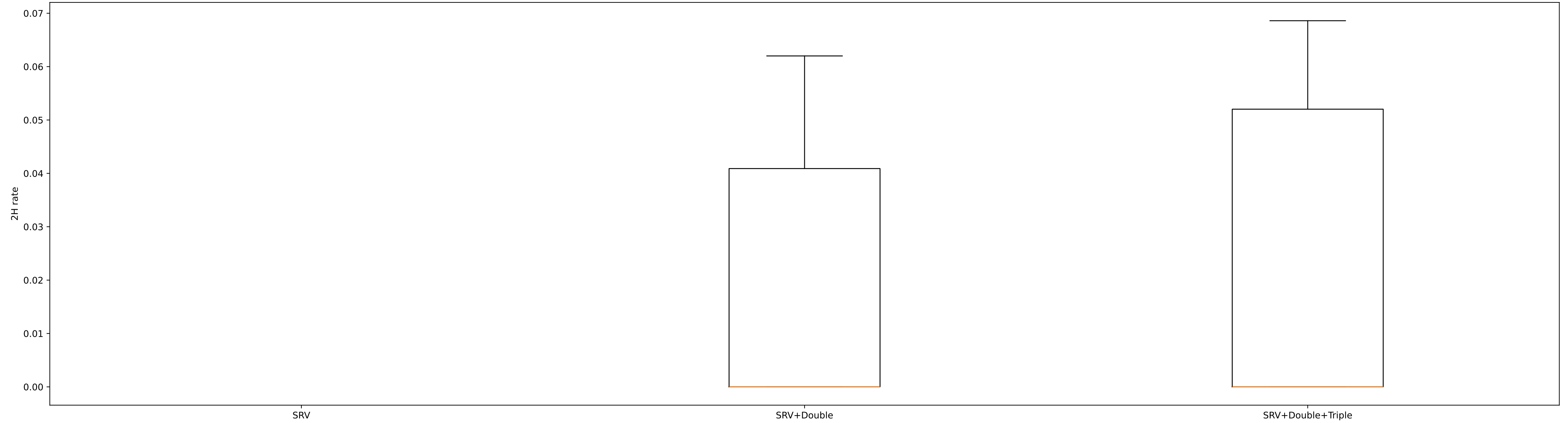
p_median	p_min	p_max	K_median	K_min	K_max	omega_ref_med ian	omega_test_med ian	warnings_count	2H_reference_m edian	2H_test_median
0.0718	0.0656	0.4284	2.835	0.0	3.24	0.2914	0.2084	10	nan	nan
0.0725	0.0626	0.4683	2.8	1.3	3.23	0.2914	0.2084	10	0.0	0.0
0.4272	0.0689	0.5792	1.325	1.29	3.25	0.2914	0.2084	10	0.0	0.0

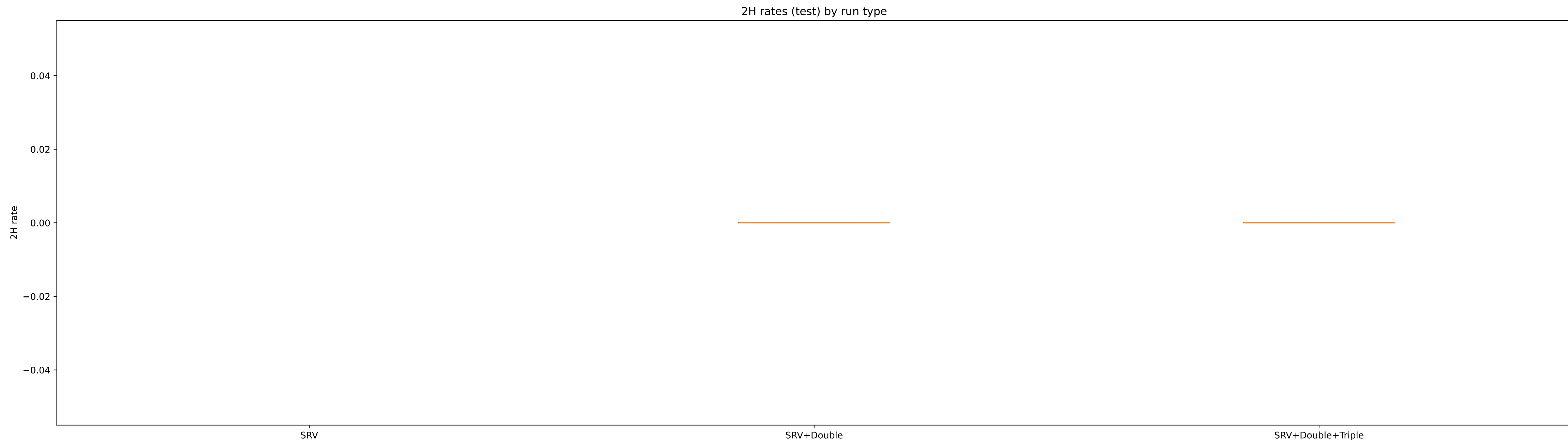


RELAX LRT p-values by run type



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	0.0788	0.0	0.2914	0.2084	
	2	0.4202	1.32	0.2914	0.2084	
	3	0.4284	1.29	0.2914	0.2084	
	4	0.0688	3.17	0.2914	0.2084	
	5	0.0717	2.85	0.2914	0.2084	
	6	0.0722	2.76	0.2914	0.2084	
	7	0.0656	2.82	0.2914	0.2084	
	8	0.0689	3.16	0.2914	0.2084	
	9	0.0689	3.24	0.2914	0.2084	
	10	0.0718	3.08	0.2914	0.2084	

	replicate	p_value	K_alt	global_dNdS_reference	global_dNdS_test	
	1	0.0795	2.81	0.2914	0.2084	
	2	0.0626	3.16	0.2914	0.2084	
	3	0.0722	2.79	0.2914	0.2084	
	4	0.0688	3.23	0.2914	0.2084	
	5	0.0727	2.79	0.2914	0.2084	
	6	0.4245	1.33	0.2912	0.2084	
	7	0.4683	1.3	0.2914	0.2084	
	8	0.0688	3.2	0.2914	0.2084	
	9	0.0783	3.11	0.2914	0.2084	
	10	0.0723	2.77	0.2914	0.2084	

	replicate	p_value	K_alt	global_dNdS_reference	global_dNdS_test	
	1	0.4267	1.3	0.2914	0.2084	
	2	0.0722	2.78	0.2914	0.2086	
	3	0.0691	3.16	0.2914	0.2084	
	4	0.069	3.25	0.2914	0.2084	
	5	0.4281	1.29	0.2914	0.2084	
	6	0.4304	1.29	0.2914	0.2084	
	7	0.0689	3.23	0.2914	0.2084	
	8	0.5792	1.32	0.2914	0.2084	
	9	0.5754	1.33	0.2914	0.2084	
	10	0.4278	1.3	0.2914	0.2087	

	test	Negative s election	0.0	63.906	SRV+Double	
	test	Negative s election	0.584	36.094	SRV+Double	
	test	Negative s election	0.0	63.906	SRV+Double	
	test	Negative s election	0.847	36.094	SRV+Double	
	reference	Diversifyi ng selecti on	Ω-class distributions (all) (cols 1-7/7)	0.0	SRV+Double	
	reference	Negative s election		64.515	SRV+Double	
	reference	Negative s election		0.801	35.485	SRV+Double
	test	Diversifyi ng selecti on		1.735	0.0	SRV+Double
	test	Negative s election		0.0	64.515	SRV+Double
	test	Negative s election		0.801	35.485	SRV+Double
	reference	Diversifyi ng selecti on		1.007	0.0	SRV+Double
	reference	Negative s election		0.0	62.745	SRV+Double
	reference	Negative s election		0.814	37.255	SRV+Double
	test	Diversifyi ng selecti on		1.019	0.0	SRV+Double
	test	Diversifyi ng selecti on	1.007	0.0	SRV+Double	
	test	Negative s election	0.0	62.745	SRV+Double	
	test	Negative s election	0.564	37.255	SRV+Double	
	test	Negative s election	0.0	62.745	SRV+Double	
	test	Negative s election	0.814	37.255	SRV+Double	
	reference	Diversifyi ng selecti on	8.751	0.106	SRV+Double	
	reference	Negative s election	0.0	63.166	SRV+Double	
	reference	Negative s election	0.754	36.728	SRV+Double	
	test	Diversifyi ng selecti on	8.751	0.106	SRV+Double	
	test	Negative s election	0.0	63.166	SRV+Double	
	test	Negative s election	0.754	36.728	SRV+Double	
	reference	Negative s election	0.0	10.088	SRV+Double	
	reference	Negative s election	0.071	65.254	SRV+Double	
	reference	Neutral ev olution	1.0	24.658	SRV+Double	
	test	Negative s election	0.0	10.088	SRV+Double	
	test	Negative s election	0.029	65.254	SRV+Double	
	test	Negative s election	0.0	10.088	SRV+Double	
	test	Negative s election	0.071	65.254	SRV+Double	
	test	Neutral ev olution	1.0	24.658	SRV+Double	
	test	Neutral ev olution	1.0	24.658	SRV+Double	
	reference	Negative s election	0.0	5.935	SRV+Double	
	reference	Negative s election	0.045	68.277	SRV+Double	
	reference	Neutral ev olution	1.0	25.788	SRV+Double	
	test	Negative s election	0.0	5.935	SRV+Double	
	test	Negative s election	0.045	68.277	SRV+Double	
	test	Neutral ev olution	1.0	25.788	SRV+Double	
	reference	Negative s election	0.0	8.365	SRV+Double	
	reference	Negative s election	0.077	67.663	SRV+Double	
	reference	Neutral ev olution	1.0	23.973	SRV+Double	
	test	Negative s election	0.0	8.365	SRV+Double	
	test	Negative s election	0.036	67.663	SRV+Double	
	test	Negative s election	0.0	8.365	SRV+Double	
	test	Negative s election	0.077	67.663	SRV+Double	
	test	Neutral ev olution	1.0	23.973	SRV+Double	
	test	Neutral ev olution	1.0	23.973	SRV+Double	
	reference	Negative s election	0.0	3.017	SRV+Double	

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

	class_id	syn_rate	proportion_per cent	run_type	
	1	0.0	2.962	SRV	
	2	0.825	90.027	SRV	
	3	3.664	7.011	SRV	
	1	0.0	2.644	SRV	
	2	0.819	89.871	SRV	
	3	3.531	7.485	SRV	
	1	0.772	90.904	SRV	
	2	3.276	8.079	SRV	
	3	3.297	1.017	SRV	
	1	0.737	74.813	SRV	
	2	0.983	16.89	SRV	
	3	3.409	8.297	SRV	
	1	0.732	68.073	SRV	
	2	0.923	23.584	SRV	
	3	3.409	8.344	SRV	
	1	0.74	71.886	SRV	
	2	0.924	19.707	SRV	
	3	3.404	8.407	SRV	
	1	0.767	89.969	SRV	
	2	1.794	2.3	SRV	
	3	3.479	7.731	SRV	
	1	0.733	73.465	SRV	
	2	0.987	18.314	SRV	
	3	3.42	8.221	SRV	
	1	0.743	77.9	SRV	
	2	0.995	13.731	SRV	
	3	3.398	8.369	SRV	
	1	0.749	78.365	SRV	
	2	0.96	13.229	SRV	
	3	3.403	8.406	SRV	

	reference	2H	0.0462	SRV+Double	
	reference	2H	0.0	SRV+Double	
	test	2H	0.0	SRV+Double	
	reference	2H	0.0	SRV+Double	
	test	2H	0.0	SRV+Double	
	reference	2H	0.0467	SRV+Double+Triple	
	reference	2H	0.0	SRV+Double+Triple	
	reference	3H	0.0	SRV+Double+Triple	
	test	2H	0.0	SRV+Double+Triple	
	test	3H	0.0	SRV+Double+Triple	
	reference	2H	0.0	SRV+Double+Triple	
	reference	3H	0.0	SRV+Double+Triple	
	test	2H	0.0	SRV+Double+Triple	
	test	3H	0.0	SRV+Double+Triple	
	reference	2H	0.0529	SRV+Double+Triple	
	reference	2H	0.0	SRV+Double+Triple	
	reference	3H	0.0	SRV+Double+Triple	
	test	2H	0.0	SRV+Double+Triple	
	test	3H	0.0	SRV+Double+Triple	
	reference	2H	0.0	SRV+Double+Triple	
	reference	3H	0.0	SRV+Double+Triple	
	test	2H	0.0	SRV+Double+Triple	
	test	3H	0.0	SRV+Double+Triple	
	reference	2H	0.0518	SRV+Double+Triple	
	reference	2H	0.0	SRV+Double+Triple	
	reference	3H	0.0	SRV+Double+Triple	
	test	2H	0.0	SRV+Double+Triple	
	test	3H	0.0	SRV+Double+Triple	
	reference	2H	0.0	SRV+Double+Triple	
	reference	3H	0.0	SRV+Double+Triple	
	test	2H	0.0	SRV+Double+Triple	
	test	3H	0.0	SRV+Double+Triple	
	reference	2H	0.0546	SRV+Double+Triple	
	reference	2H	0.0	SRV+Double+Triple	
	reference	3H	0.0	SRV+Double+Triple	
	test	2H	0.0	SRV+Double+Triple	
	test	3H	0.0	SRV+Double+Triple	
	reference	2H	0.0	SRV+Double+Triple	
	reference	3H	0.0	SRV+Double+Triple	
	test	2H	0.0	SRV+Double+Triple	
	test	3H	0.0	SRV+Double+Triple	
	reference	2H	0.0521	SRV+Double+Triple	
	reference	2H	0.0	SRV+Double+Triple	
	reference	3H	0.0	SRV+Double+Triple	
	test	2H	0.0	SRV+Double+Triple	
	test	3H	0.0	SRV+Double+Triple	
	reference	2H	0.0	SRV+Double+Triple	
	reference	3H	0.0	SRV+Double+Triple	
	test	2H	0.0	SRV+Double+Triple	
	test	3H	0.0	SRV+Double+Triple	