

RELAX Combined Report

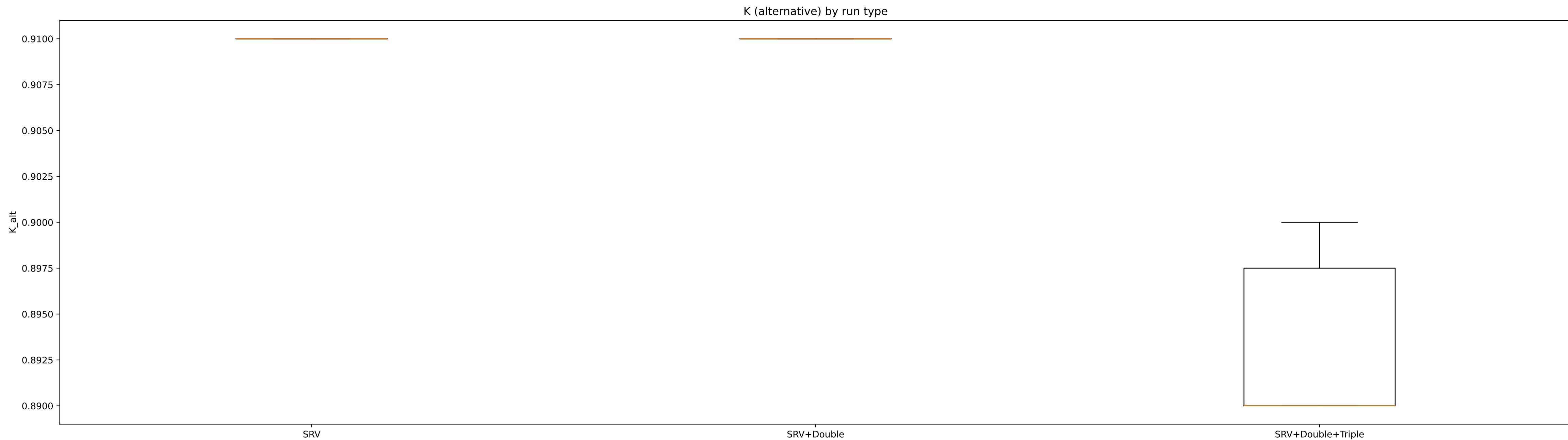
SRV vs SRV+Double vs SRV+Double+Triple

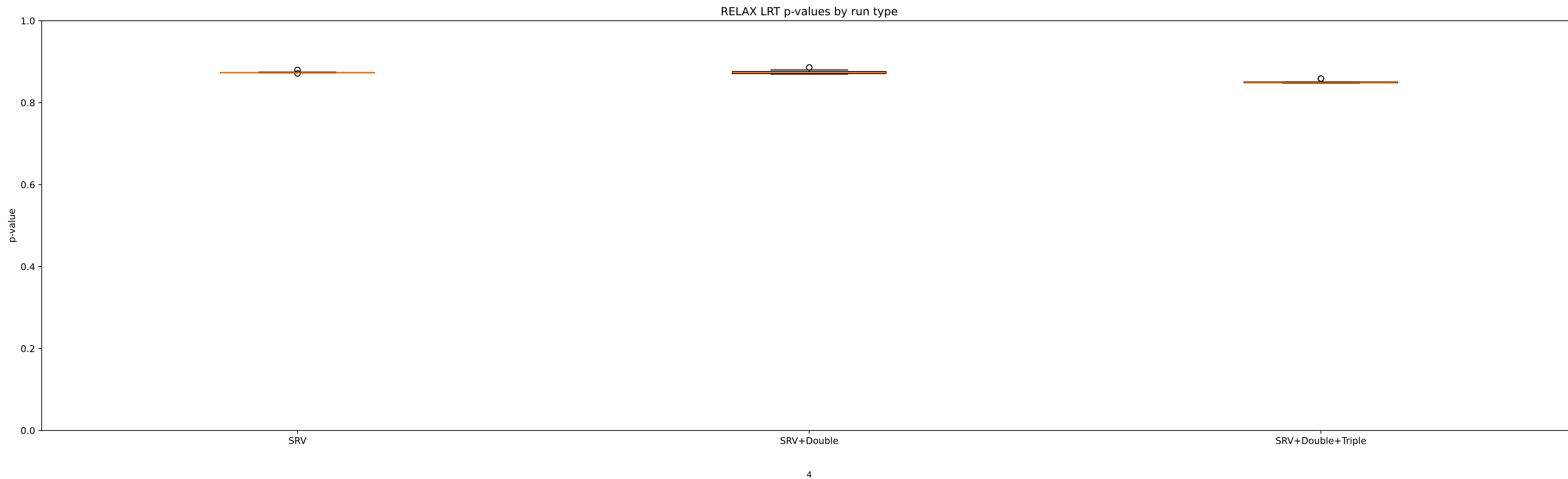
Includes:

- 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
0.8734	0.8714	0.88	0.91	0.91	0.91	0.2658	0.2699	10	nan	nan
0.8733	0.8698	0.886	0.91	0.91	0.91	0.2658	0.2699	10	0.0	0.0
0.8496	0.8479	0.859	0.89	0.89	0.9	0.2658	0.2699	10	0.0	0.0



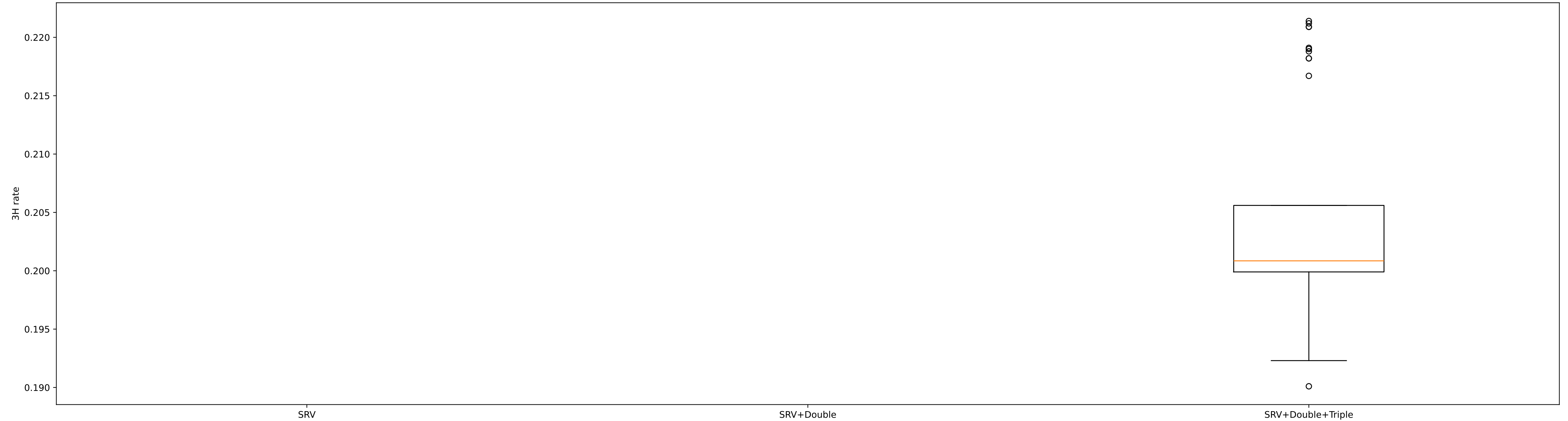


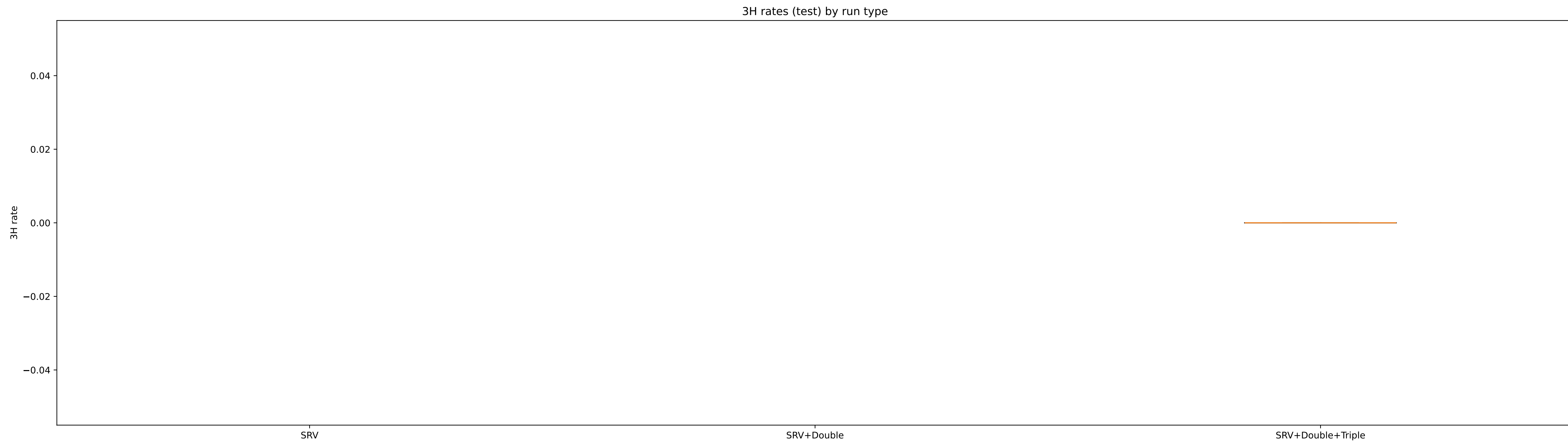
2H rates (reference) by run type





3H rates (reference) by run type





	replicate	p_value	K_alt	global_dNdS_reference	global_dNdS_test	
	1	0.873	0.91	0.2658	0.2699	
	2	0.8734	0.91	0.2658	0.2699	
	3	0.8733	0.91	0.2658	0.2699	
	4	0.8735	0.91	0.2658	0.2699	
	5	0.873	0.91	0.2658	0.2699	
	6	0.8727	0.91	0.2658	0.2699	
	7	0.8738	0.91	0.2658	0.2699	
	8	0.8747	0.91	0.2658	0.2699	
	9	0.88	0.91	0.2658	0.2699	
	10	0.8714	0.91	0.2658	0.2699	

	replicate	p_value	K_alt	global_dNdS_reference	global_dNdS_test	
	1	0.8764	0.91	0.2658	0.2699	
	2	0.8741	0.91	0.2658	0.2699	
	3	0.8725	0.91	0.2658	0.2699	
	4	0.8707	0.91	0.2658	0.2699	
	5	0.8751	0.91	0.2658	0.2699	
	6	0.8704	0.91	0.2658	0.2699	
	7	0.886	0.91	0.2658	0.2699	
	8	0.8799	0.91	0.2658	0.2699	
	9	0.8698	0.91	0.2658	0.2699	
	10	0.8722	0.91	0.2658	0.2699	

	replicate	p_value	K_alt	global_dNdS_reference	global_dNdS_test	
	1	0.8502	0.9	0.2658	0.2699	
	2	0.8484	0.89	0.2658	0.2699	
	3	0.8495	0.89	0.2658	0.2699	
	4	0.8496	0.89	0.2658	0.2699	
	5	0.849	0.89	0.2658	0.2699	
	6	0.8479	0.89	0.2658	0.2699	
	7	0.8486	0.89	0.2658	0.2699	
	8	0.8587	0.9	0.2658	0.2699	
	9	0.8509	0.89	0.2658	0.2699	
	10	0.859	0.9	0.2658	0.2699	

	test	Negative s election	0.267	0.0	SRV+Double	
	test	Negative s election	0.29	100.0	SRV+Double	
	test	Negative s election	0.233	0.0	SRV+Double	
	test	Negative s election	0.255	100.0	SRV+Double	
	reference	Diversifyi ng selecti on	0.183	0.0	SRV+Double	
	reference	Negative s election	0.183	0.0	SRV+Double	
	reference	Negative s election	0.256	100.0	SRV+Double	
	test	Diversifyi ng selecti on	1.081	0.0	SRV+Double	
	test	Negative s election	0.183	0.0	SRV+Double	
	test	Negative s election	0.256	100.0	SRV+Double	
	reference	Diversifyi ng selecti on	3.735	0.0	SRV+Double	
	reference	Negative s election	0.237	0.384	SRV+Double	
	reference	Negative s election	0.256	99.616	SRV+Double	
	test	Diversifyi ng selecti on	3.301	0.0	SRV+Double	
	test	Diversifyi ng selecti on	3.735	0.0	SRV+Double	
	test	Negative s election	0.271	0.384	SRV+Double	
	test	Negative s election	0.291	99.616	SRV+Double	
	test	Negative s election	0.237	0.384	SRV+Double	
	test	Negative s election	0.256	99.616	SRV+Double	
	reference	Diversifyi ng selecti on	1.15	0.0	SRV+Double	
	reference	Negative s election	0.186	0.0	SRV+Double	
	reference	Negative s election	0.257	100.0	SRV+Double	
	test	Diversifyi ng selecti on	1.15	0.0	SRV+Double	
	test	Negative s election	0.186	0.0	SRV+Double	
	test	Negative s election	0.257	100.0	SRV+Double	
	reference	Diversifyi ng selecti on	1.345	0.0	SRV+Double	
	reference	Negative s election	0.251	6.491	SRV+Double	
	reference	Negative s election	0.256	93.509	SRV+Double	
	test	Diversifyi ng selecti on	1.309	0.0	SRV+Double	
	test	Diversifyi ng selecti on	1.345	0.0	SRV+Double	
	test	Negative s election	0.285	6.491	SRV+Double	
	test	Negative s election	0.29	93.509	SRV+Double	
	test	Negative s election	0.251	6.491	SRV+Double	
	test	Negative s election	0.256	93.509	SRV+Double	
	reference	Diversifyi ng selecti on	2.825	0.0	SRV+Double	
	reference	Negative s election	0.256	10.458	SRV+Double	
	reference	Negative s election	0.257	89.542	SRV+Double	
	test	Diversifyi ng selecti on	2.825	0.0	SRV+Double	
	test	Negative s election	0.256	10.458	SRV+Double	
	test	Negative s election	0.257	89.542	SRV+Double	
	reference	Diversifyi ng selecti on	2.879	0.0	SRV+Double	
	reference	Negative s election	0.001	0.0	SRV+Double	
	reference	Negative s election	0.257	100.0	SRV+Double	
	test	Diversifyi ng selecti on	2.623	0.0	SRV+Double	
	test	Diversifyi ng selecti on	2.879	0.0	SRV+Double	
	test	Negative s election	0.001	0.0	SRV+Double	
	test	Negative s election	0.29	100.0	SRV+Double	
	test	Negative s election	0.001	0.0	SRV+Double	
	test	Negative s election	12 0.257	100.0	SRV+Double	
	reference	Diversifyi ng selecti on	1.011	0.0	SRV+Double	

Ω-class distributions (all) (cols 1-7/7)

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

	class_id	syn_rate	proportion_per cent	run_type	
	1	0.876	15.121	SRV	
	2	0.878	83.769	SRV	
	3	11.894	1.109	SRV	
	1	0.877	88.191	SRV	
	2	0.878	10.7	SRV	
	3	11.934	1.109	SRV	
	1	0.877	87.764	SRV	
	2	0.877	11.108	SRV	
	3	11.8	1.128	SRV	
	1	0.334	0.0	SRV	
	2	0.877	98.859	SRV	
	3	11.695	1.141	SRV	
	1	0.877	86.819	SRV	
	2	0.878	12.066	SRV	
	3	11.865	1.114	SRV	
	1	0.874	11.217	SRV	
	2	0.878	87.668	SRV	
	3	11.856	1.115	SRV	
	1	0.877	91.699	SRV	
	2	0.877	7.188	SRV	
	3	11.947	1.113	SRV	
	1	0.876	8.737	SRV	
	2	0.878	90.156	SRV	
	3	11.951	1.107	SRV	
	1	0.877	89.401	SRV	
	2	0.877	9.468	SRV	
	3	11.785	1.131	SRV	
	1	0.874	11.207	SRV	
	2	0.878	87.691	SRV	
	3	11.975	1.102	SRV	

	reference	2H	0.0	SRV+Double+Triple	
	reference	3H	0.1996	SRV+Double+Triple	
	reference	3H	0.2019	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	0.2191	SRV+Double+Triple	
	reference	3H	0.1999	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	0.2006	SRV+Double+Triple	
	reference	3H	0.2016	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	0.2167	SRV+Double+Triple	
	reference	3H	0.2004	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	0.2006	SRV+Double+Triple	
	reference	3H	0.2014	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	0.2212	SRV+Double+Triple	
	reference	3H	0.2003	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	0.2009	SRV+Double+Triple	
	reference	3H	0.2018	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	0.2209	SRV+Double+Triple	
	reference	3H	0.2008	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	0.1991	SRV+Double+Triple	
	reference	3H	0.201	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	0.2214	SRV+Double+Triple	
	reference	3H	0.2005	SRV+Double+Triple	
	test	2H	0.0	SRV+Double+Triple	
	test	3H	0.0	SRV+Double+Triple	