

RELAX Combined Report

SRV vs SRV+Double vs SRV+Double+Triple

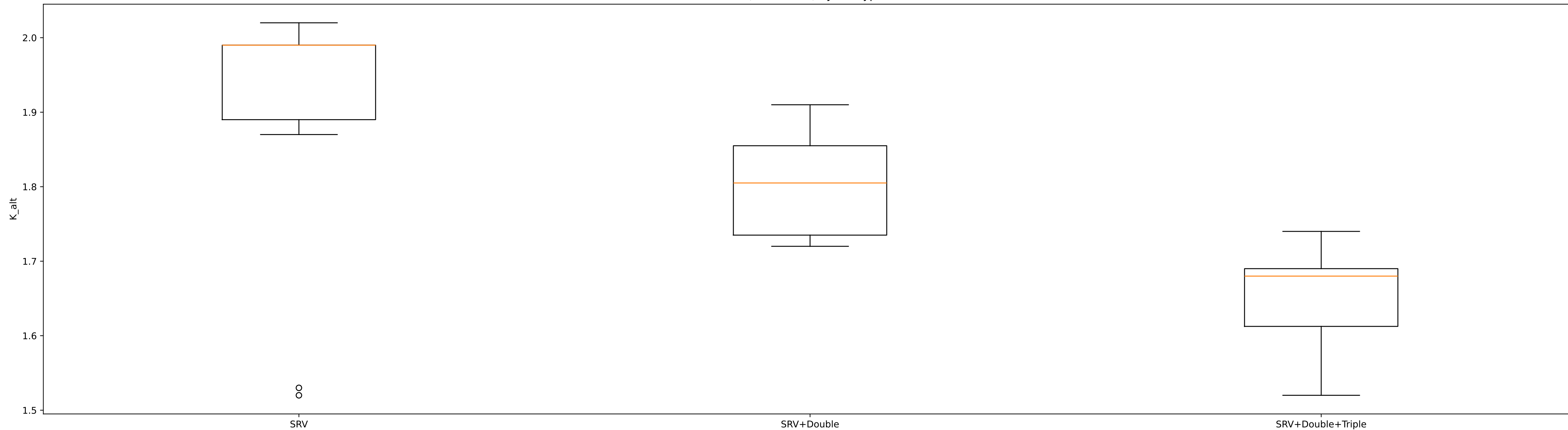
Includes:

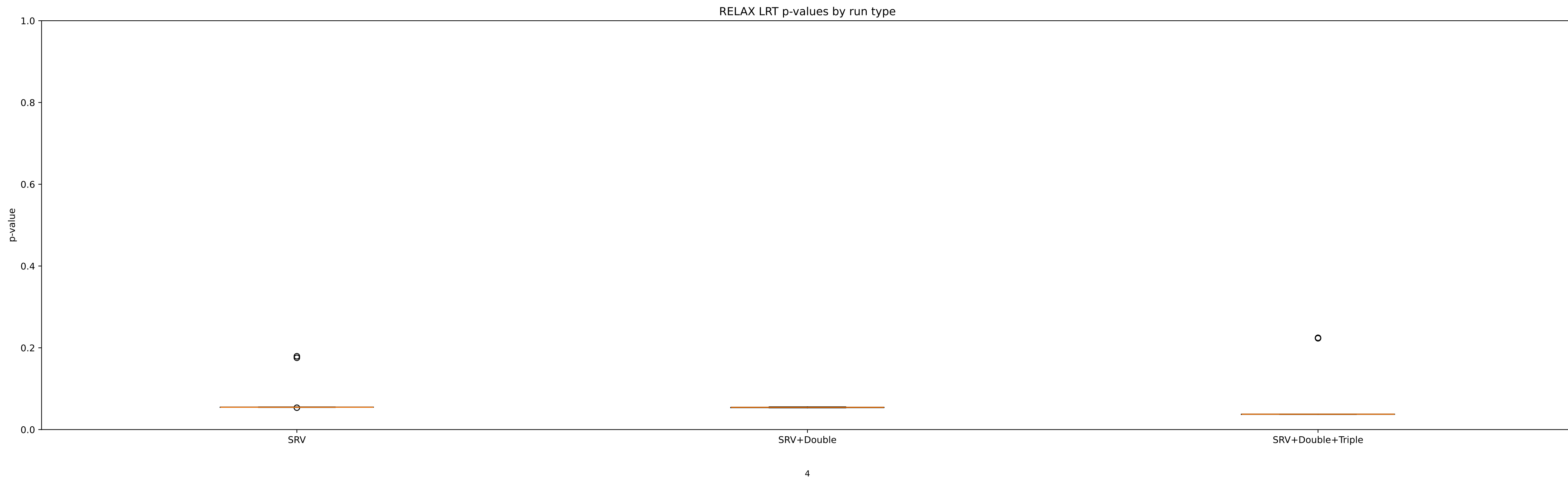
- Run-type summary
- Boxplots: K, p-values, 2H/3H
- Full omega/SRV/multihit tables (column-paged)

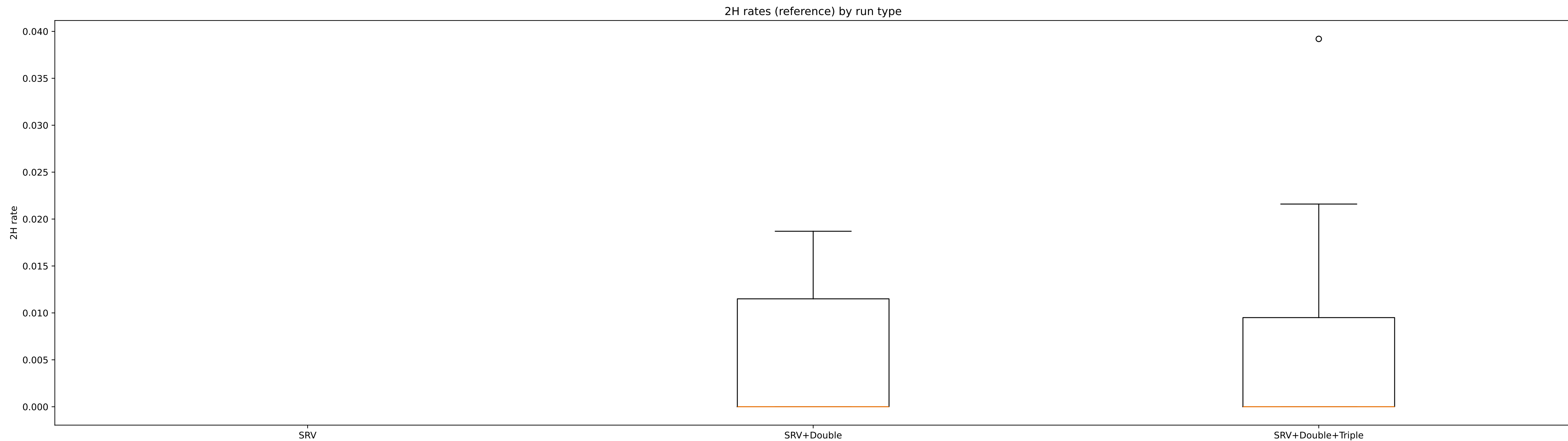
Run-type summary statistics

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
0.0547	0.0535	0.1793	1.99	1.52	2.02	0.247	0.1071	10	nan	nan
0.0544	0.0533	0.0555	1.805	1.72	1.91	0.247	0.1071	10	0.0	0.0
0.0377	0.0372	0.2245	1.68	1.52	1.74	0.247	0.1071	10	0.0	0.0

K (alternative) by run type

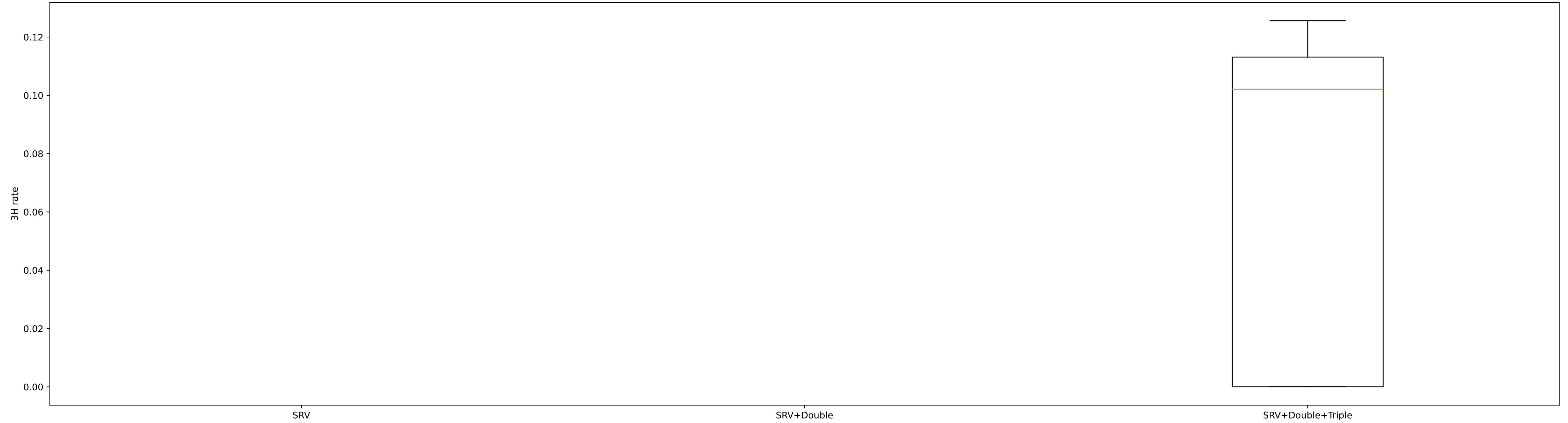




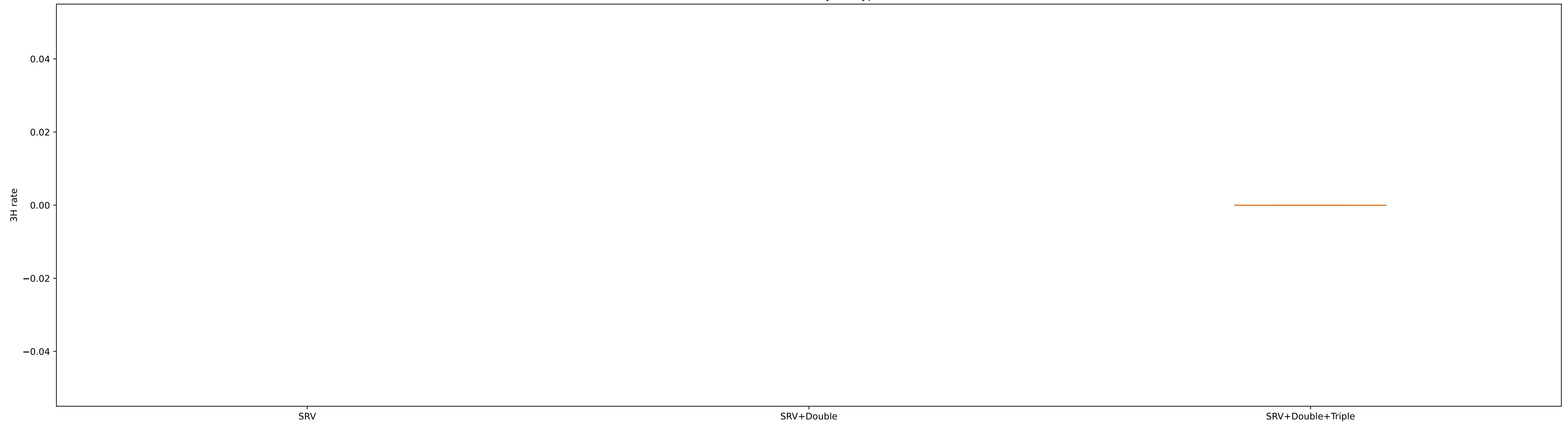




3H rates (reference) by run type



3H rates (test) by run type



	replicate	p_value	K_alt	global_dNdS_reference	global_dNdS_test	
	1	0.0552	1.87	0.247	0.1071	
	2	0.0548	1.99	0.247	0.1071	
	3	0.0545	1.99	0.247	0.1071	
	4	0.1793	1.53	0.247	0.1071	
	5	0.1756	1.52	0.247	0.1071	
	6	0.0546	1.99	0.247	0.1071	
	7	0.0543	1.99	0.247	0.1071	
	8	0.0535	2.02	0.247	0.1071	
	9	0.0546	1.95	0.247	0.1071	
	10	0.0548	2.02	0.247	0.1071	

	replicate	p_value	K_alt	global_dNdS_reference	global_dNdS_test	
	1	0.0536	1.81	0.247	0.1071	
	2	0.0547	1.73	0.247	0.1071	
	3	0.0538	1.91	0.247	0.1071	
	4	0.0545	1.72	0.247	0.1071	
	5	0.0533	1.87	0.247	0.1071	
	6	0.0546	1.75	0.247	0.1071	
	7	0.0543	1.73	0.247	0.1071	
	8	0.0536	1.81	0.247	0.1071	
	9	0.0555	1.87	0.247	0.1071	
	10	0.0545	1.8	0.247	0.1071	

	replicate	p_value	K_alt	global_dNdS_reference	global_dNdS_test	
	1	0.2233	1.53	0.247	0.1071	
	2	0.0372	1.69	0.247	0.1071	
	3	0.0373	1.68	0.247	0.1071	
	4	0.0373	1.65	0.247	0.1071	
	5	0.0378	1.74	0.247	0.1071	
	6	0.0377	1.6	0.247	0.1071	
	7	0.0378	1.68	0.247	0.1071	
	8	0.0373	1.7	0.247	0.1071	
	9	0.2245	1.52	0.247	0.1071	
	10	0.0376	1.69	0.247	0.1071	

		test	Negative s election	0.06	82.996	SRV+Double	
		test	Negative s election	0.114	13.538	SRV+Double	
		test	Negative s election	0.194	82.996	SRV+Double	
		test	Negative s election	0.283	13.538	SRV+Double	
		reference	Diversifyi ng selecti on	0.244	0.244	SRV+Double	
		reference	Negative s election	0.203	0.984	SRV+Double	
		reference	Negative s election	0.206	98.772	SRV+Double	
		test	Diversifyi ng selecti on	12.22	0.244	SRV+Double	
		test	Negative s election	0.203	0.984	SRV+Double	
		test	Negative s election	0.206	98.772	SRV+Double	
		reference	Negative s election	0.18	91.8	SRV+Double	
		reference	Negative s election	0.917	4.052	SRV+Double	
		reference	Neutral ev olution	1.0	4.147	SRV+Double	
		test	Negative s election	0.041	91.8	SRV+Double	
		test	Negative s election	0.85	4.052	SRV+Double	
		test	Negative s election	0.18	91.8	SRV+Double	
		test	Negative s election	0.917	4.052	SRV+Double	
		test	Neutral ev olution	1.0	4.147	SRV+Double	
		test	Neutral ev olution	1.0	4.147	SRV+Double	
		reference	Diversifyi ng selecti on	12.196	0.246	SRV+Double	
		reference	Negative s election	0.205	94.377	SRV+Double	
		reference	Negative s election	0.219	5.377	SRV+Double	
		test	Diversifyi ng selecti on	12.196	0.246	SRV+Double	
		test	Negative s election	0.205	94.377	SRV+Double	
		test	Negative s election	0.219	5.377	SRV+Double	
		reference	Diversifyi ng selecti on	1.165	3.868	SRV+Double	
		reference	Negative s election	0.081	15.318	SRV+Double	
		reference	Negative s election	0.228	80.814	SRV+Double	
		test	Diversifyi ng selecti on	1.306	3.868	SRV+Double	
		test	Diversifyi ng selecti on	1.165	3.868	SRV+Double	
		test	Negative s election	0.012	15.318	SRV+Double	
		test	Negative s election	0.075	80.814	SRV+Double	
		test	Negative s election	0.081	15.318	SRV+Double	
		test	Negative s election	0.228	80.814	SRV+Double	
		reference	Diversifyi ng selecti on	12.353	0.241	SRV+Double	
		reference	Negative s election	0.205	1.095	SRV+Double	
		reference	Negative s election	0.206	98.664	SRV+Double	
		test	Diversifyi ng selecti on	12.353	0.241	SRV+Double	
		test	Negative s election	0.205	1.095	SRV+Double	
		test	Negative s election	0.206	98.664	SRV+Double	
		reference	Diversifyi ng selecti on	1.186	4.059	SRV+Double	
		reference	Negative s election	0.202	78.59	SRV+Double	
		reference	Negative s election	0.202	17.351	SRV+Double	
		test	Diversifyi ng selecti on	1.344	4.059	SRV+Double	
		test	Diversifyi ng selecti on	1.186	4.059	SRV+Double	
		test	Negative s election	0.062	78.59	SRV+Double	
		test	Negative s election	0.063	17.351	SRV+Double	
		test	Negative s election	0.202	78.59	SRV+Double	
		test	Negative s election	12.0202	17.351	SRV+Double	
		reference	Diversifyi ng selecti on	12.372	0.24	SRV+Double	

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

	class_id	syn_rate	proportion_per cent	run_type	
	1	0.884	10.344	SRV	
	2	0.889	87.876	SRV	
	3	7.152	1.78	SRV	
	1	0.0	0.15	SRV	
	2	0.89	98.081	SRV	
	3	7.171	1.769	SRV	
	1	0.0	0.098	SRV	
	2	0.89	98.129	SRV	
	3	7.162	1.772	SRV	
	1	0.884	85.766	SRV	
	2	0.913	12.425	SRV	
	3	7.109	1.809	SRV	
	1	0.887	85.539	SRV	
	2	0.891	12.645	SRV	
	3	7.094	1.815	SRV	
	1	0.0	0.209	SRV	
	2	0.891	98.017	SRV	
	3	7.158	1.774	SRV	
	1	0.888	14.181	SRV	
	2	0.889	84.044	SRV	
	3	7.157	1.775	SRV	
	1	0.888	90.479	SRV	
	2	0.892	7.743	SRV	
	3	7.167	1.778	SRV	
	1	0.887	20.657	SRV	
	2	0.889	77.56	SRV	
	3	7.143	1.783	SRV	
	1	0.0	0.193	SRV	
	2	0.891	98.039	SRV	
	3	7.179	1.768	SRV	

	reference	2H	0.0	SRV+Double+Triple	
	reference	3H	0.1021	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	0.0945	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	2H	0.0097	SRV+Double+Triple	
	reference	3H	0.1022	SRV+Double+Triple	
	reference	3H	0.1197	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	0.0	SRV+Double+Triple	
	reference	2H	0.0116	SRV+Double+Triple	
	reference	3H	0.103	SRV+Double+Triple	
	reference	3H	0.1199	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	0.0	SRV+Double+Triple	
	reference	2H	0.0136	SRV+Double+Triple	
	reference	3H	0.0945	SRV+Double+Triple	
	reference	3H	0.1212	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	0.0	SRV+Double+Triple	
	reference	3H	0.1029	SRV+Double+Triple	
	reference	3H	0.1203	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	0.0392	SRV+Double+Triple	