

RELAX Combined Report

SRV vs SRV+Double vs SRV+Double+Triple

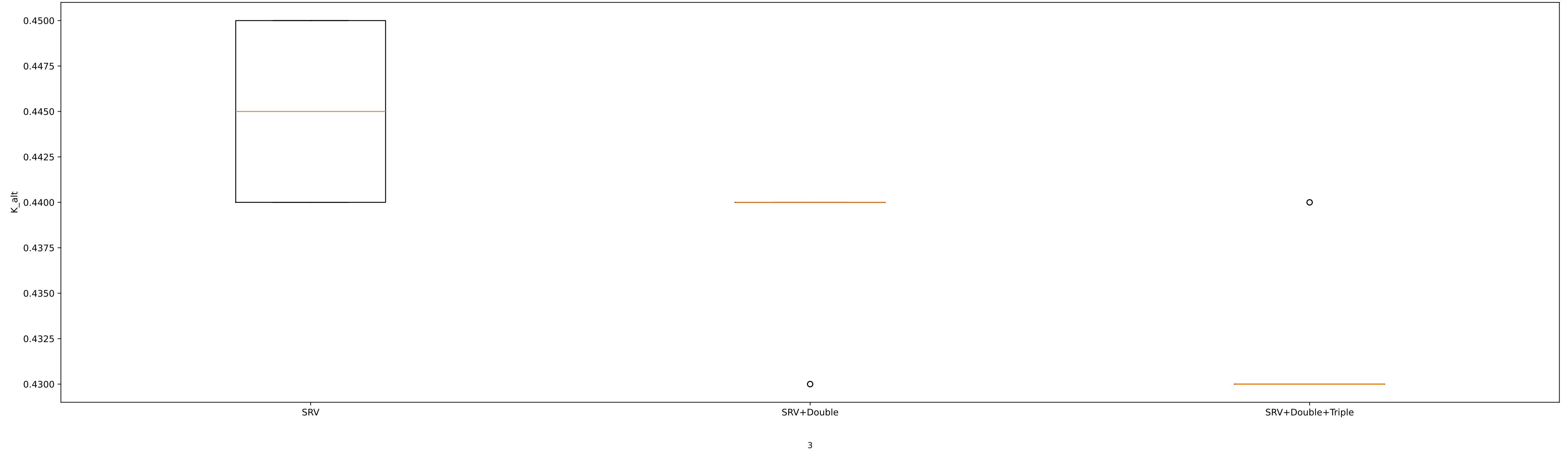
Includes:

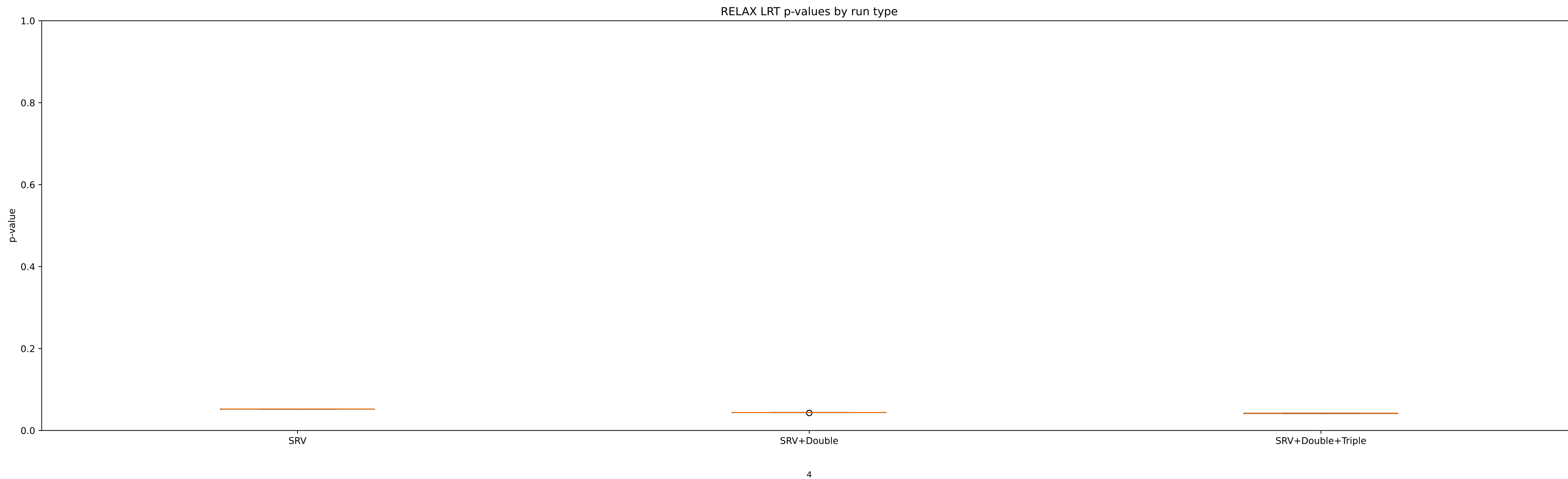
- Run-type summary
- Boxplots: K, p-values, 2H/3H
- Full omega/SRV/multihit tables (column-paged)

Run-type summary statistics

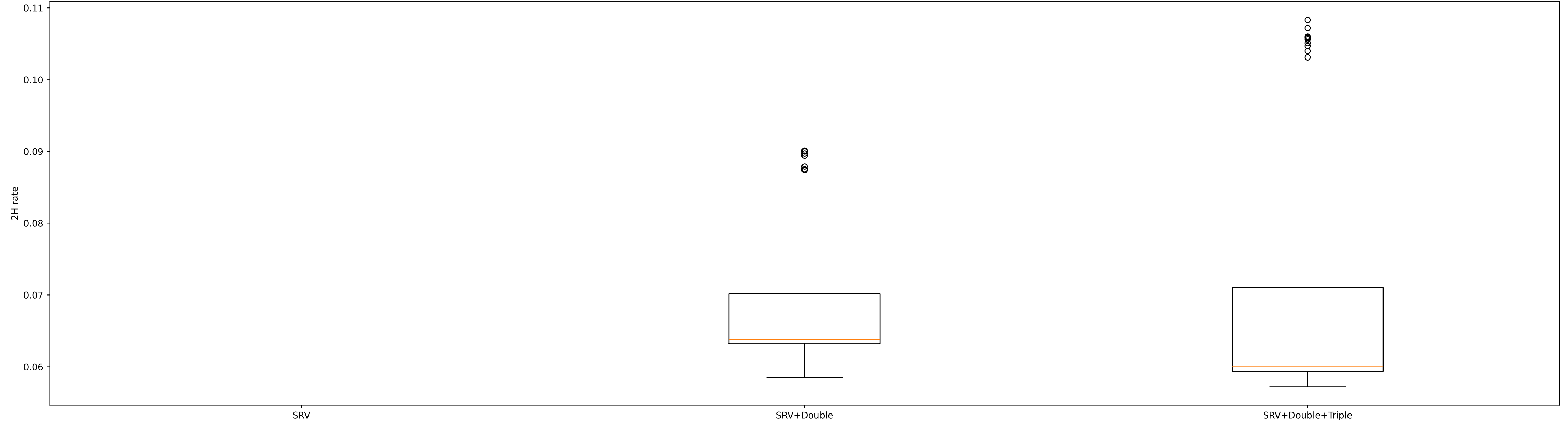
p_median	p_min	p_max	K_median	K_min	K_max	omega_ref_med ian	omega_test_med ian	warnings_count	2H_reference_m edian	2H_test_median
0.0522	0.0518	0.0522	0.445	0.44	0.45	0.2346	0.5011	10	nan	nan
0.044	0.0427	0.0441	0.44	0.43	0.44	0.2346	0.5006	10	0.0638	0.0
0.0417	0.0415	0.0421	0.43	0.43	0.44	0.2345	0.5016	10	0.0601	0.0

K (alternative) by run type



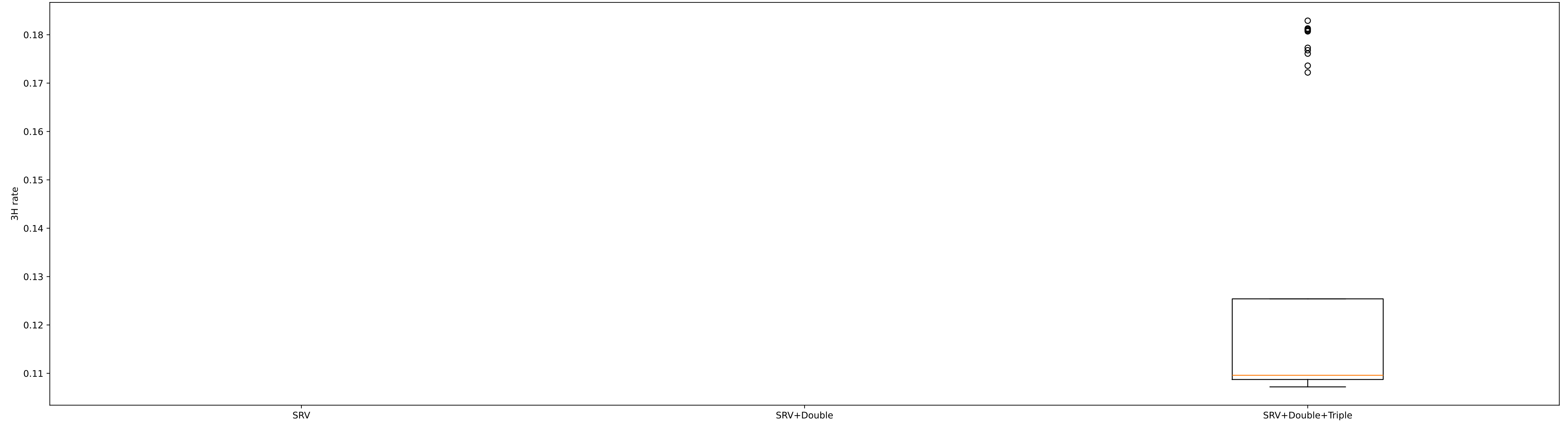


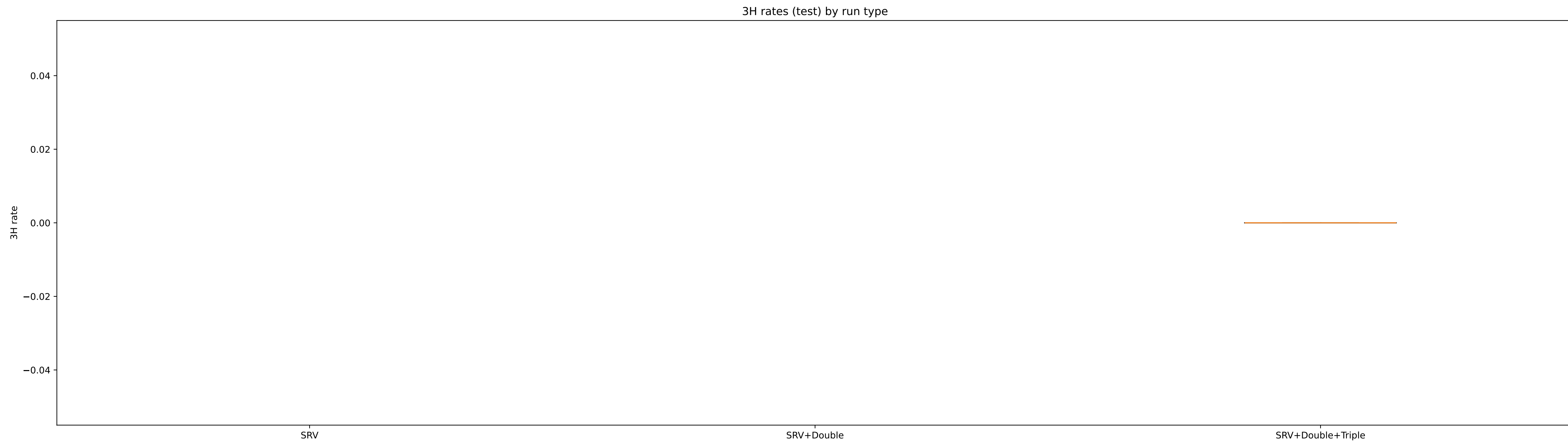
2H rates (reference) by run type





3H rates (reference) by run type





	replicate	p_value	K_alt	global_dNdS_reference	global_dNdS_test	
	1	0.0519	0.44	0.2346	0.5021	
	2	0.0521	0.45	0.2344	0.5011	
	3	0.0521	0.45	0.2346	0.5	
	4	0.0522	0.45	0.235	0.4994	
	5	0.0518	0.44	0.2344	0.5011	
	6	0.0522	0.44	0.235	0.4994	
	7	0.0522	0.45	0.235	0.4994	
	8	0.0522	0.45	0.2346	0.5021	
	9	0.0519	0.44	0.2344	0.5011	
	10	0.0522	0.44	0.2346	0.5021	

	replicate	p_value	K_alt	global_dNdS_reference	global_dNdS_test	
	1	0.0436	0.44	0.2345	0.5021	
	2	0.0441	0.43	0.235	0.4994	
	3	0.044	0.44	0.2344	0.5011	
	4	0.044	0.44	0.2346	0.5021	
	5	0.0439	0.44	0.2346	0.4999	
	6	0.0427	0.44	0.2345	0.5021	
	7	0.0439	0.43	0.2345	0.5021	
	8	0.044	0.44	0.235	0.4994	
	9	0.0441	0.44	0.2346	0.5	
	10	0.0438	0.44	0.2346	0.4999	

	replicate	p_value	K_alt	global_dNdS_reference	global_dNdS_test	
	1	0.0415	0.43	0.2345	0.5006	
	2	0.0416	0.43	0.2346	0.5021	
	3	0.0421	0.43	0.2345	0.5021	
	4	0.0417	0.43	0.2345	0.4995	
	5	0.0419	0.44	0.2345	0.5021	
	6	0.0417	0.43	0.2345	0.5006	
	7	0.042	0.44	0.2344	0.5011	
	8	0.0417	0.43	0.2345	0.5006	
	9	0.0417	0.43	0.2345	0.5021	
	10	0.0416	0.43	0.2345	0.5021	

	test	Negative s election	0.482	34.174	SRV+Double	
	test	Negative s election	0.519	65.724	SRV+Double	
	test	Negative s election	0.188	34.174	SRV+Double	
	test	Negative s election	0.222	65.724	SRV+Double	
	reference	Diversifyi ng selecti on	Ω-class distributions (all) (cols 1-7/7)	0.149	SRV+Double	
	reference	Negative s election		27.737	SRV+Double	
	reference	Negative s election		72.115	SRV+Double	
	test	Diversifyi ng selecti on		0.149	SRV+Double	
	test	Negative s election		27.737	SRV+Double	
	test	Negative s election		72.115	SRV+Double	
	reference	Diversifyi ng selecti on		0.097	SRV+Double	
	reference	Negative s election		55.898	SRV+Double	
	reference	Negative s election		44.005	SRV+Double	
	test	Diversifyi ng selecti on		0.097	SRV+Double	
	test	Diversifyi ng selecti on		0.097	SRV+Double	
	test	Negative s election		55.898	SRV+Double	
	test	Negative s election	0.52	44.005	SRV+Double	
	test	Negative s election	0.199	55.898	SRV+Double	
	test	Negative s election	0.224	44.005	SRV+Double	
	reference	Diversifyi ng selecti on	6.555	0.124	SRV+Double	
	reference	Negative s election	0.204	59.621	SRV+Double	
	reference	Negative s election	0.226	40.255	SRV+Double	
	test	Diversifyi ng selecti on	6.555	0.124	SRV+Double	
	test	Negative s election	0.204	59.621	SRV+Double	
	test	Negative s election	0.226	40.255	SRV+Double	
	reference	Diversifyi ng selecti on	7.478	0.096	SRV+Double	
	reference	Negative s election	0.186	17.712	SRV+Double	
	reference	Negative s election	0.216	82.192	SRV+Double	
	test	Diversifyi ng selecti on	2.403	0.096	SRV+Double	
	test	Diversifyi ng selecti on	7.478	0.096	SRV+Double	
	test	Negative s election	0.48	17.712	SRV+Double	
	test	Negative s election	0.513	82.192	SRV+Double	
	test	Negative s election	0.186	17.712	SRV+Double	
	test	Negative s election	0.216	82.192	SRV+Double	
	reference	Diversifyi ng selecti on	10.4	0.054	SRV+Double	
	reference	Negative s election	0.207	77.225	SRV+Double	
	reference	Negative s election	0.239	22.721	SRV+Double	
	test	Diversifyi ng selecti on	10.4	0.054	SRV+Double	
	test	Negative s election	0.207	77.225	SRV+Double	
	test	Negative s election	0.239	22.721	SRV+Double	
	reference	Diversifyi ng selecti on	7.333	0.097	SRV+Double	
	reference	Negative s election	0.209	97.035	SRV+Double	
	reference	Negative s election	0.233	2.868	SRV+Double	
	test	Diversifyi ng selecti on	2.378	0.097	SRV+Double	
	test	Diversifyi ng selecti on	7.333	0.097	SRV+Double	
	test	Negative s election	0.507	97.035	SRV+Double	
	test	Negative s election	0.531	2.868	SRV+Double	
	test	Negative s election	0.209	97.035	SRV+Double	
	test	Negative s election	12 0.233	2.868	SRV+Double	
	reference	Diversifyi ng selecti on	6.351	0.133	SRV+Double	

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

	class_id	syn_rate	proportion_per cent	run_type	
	1	0.119	8.409	SRV	
	2	0.863	82.551	SRV	
	3	3.067	9.04	SRV	
	1	0.119	8.393	SRV	
	2	0.863	82.545	SRV	
	3	3.061	9.062	SRV	
	1	0.12	8.412	SRV	
	2	0.863	82.533	SRV	
	3	3.062	9.056	SRV	
	1	0.122	8.516	SRV	
	2	0.865	82.456	SRV	
	3	3.066	9.028	SRV	
	1	0.123	8.553	SRV	
	2	0.864	82.378	SRV	
	3	3.058	9.069	SRV	
	1	0.117	8.301	SRV	
	2	0.862	82.608	SRV	
	3	3.057	9.092	SRV	
	1	0.114	8.2	SRV	
	2	0.861	82.68	SRV	
	3	3.055	9.119	SRV	
	1	0.12	8.426	SRV	
	2	0.864	82.52	SRV	
	3	3.062	9.054	SRV	
	1	0.117	8.327	SRV	
	2	0.862	82.613	SRV	
	3	3.066	9.06	SRV	
	1	0.119	8.388	SRV	
	2	0.863	82.535	SRV	
	3	3.059	9.077	SRV	

	test	3H	0.0	SRV+Double+Triple	
	reference	2H	0.0573	SRV+Double+Triple	
	reference	2H	0.0601	SRV+Double+Triple	
	reference	3H	0.1075	SRV+Double+Triple	
	reference	3H	0.1094	SRV+Double+Triple	
	test	2H	0.0	SRV+Double+Triple	
	test	3H	0.0	SRV+Double+Triple	
	reference	2H	0.104	SRV+Double+Triple	
	reference	2H	0.0601	SRV+Double+Triple	
	reference	3H	0.1761	SRV+Double+Triple	
	reference	3H	0.1094	SRV+Double+Triple	
	test	2H	0.0	SRV+Double+Triple	
	test	3H	0.0	SRV+Double+Triple	
	reference	2H	0.0573	SRV+Double+Triple	
	reference	2H	0.0601	SRV+Double+Triple	
	reference	3H	0.1074	SRV+Double+Triple	
	reference	3H	0.1095	SRV+Double+Triple	
	test	2H	0.0	SRV+Double+Triple	
	test	3H	0.0	SRV+Double+Triple	
	reference	2H	0.1058	SRV+Double+Triple	
	reference	2H	0.06	SRV+Double+Triple	
	reference	3H	0.1829	SRV+Double+Triple	
	reference	3H	0.109	SRV+Double+Triple	
	test	2H	0.0	SRV+Double+Triple	
	test	3H	0.0	SRV+Double+Triple	
	reference	2H	0.0572	SRV+Double+Triple	
	reference	2H	0.06	SRV+Double+Triple	
	reference	3H	0.1072	SRV+Double+Triple	
	reference	3H	0.1096	SRV+Double+Triple	
	test	2H	0.0	SRV+Double+Triple	
	test	3H	0.0	SRV+Double+Triple	
	reference	2H	0.1056	SRV+Double+Triple	
	reference	2H	0.0601	SRV+Double+Triple	
	reference	3H	0.1807	SRV+Double+Triple	
	reference	3H	0.1094	SRV+Double+Triple	
	test	2H	0.0	SRV+Double+Triple	
	test	3H	0.0	SRV+Double+Triple	
	reference	2H	0.0574	SRV+Double+Triple	
	reference	2H	0.0602	SRV+Double+Triple	
	reference	3H	0.1077	SRV+Double+Triple	
	reference	3H	0.1096	SRV+Double+Triple	
	test	2H	0.0	SRV+Double+Triple	
	test	3H	0.0	SRV+Double+Triple	
	reference	2H	0.1051	SRV+Double+Triple	
	reference	2H	0.0603	SRV+Double+Triple	
	reference	3H	0.1722	SRV+Double+Triple	
	reference	3H	0.1095	SRV+Double+Triple	
	test	2H	0.0	SRV+Double+Triple	
	test	3H	0.0	SRV+Double+Triple	
	reference	2H	0.0575	SRV+Double+Triple	