

RELAX Combined Report

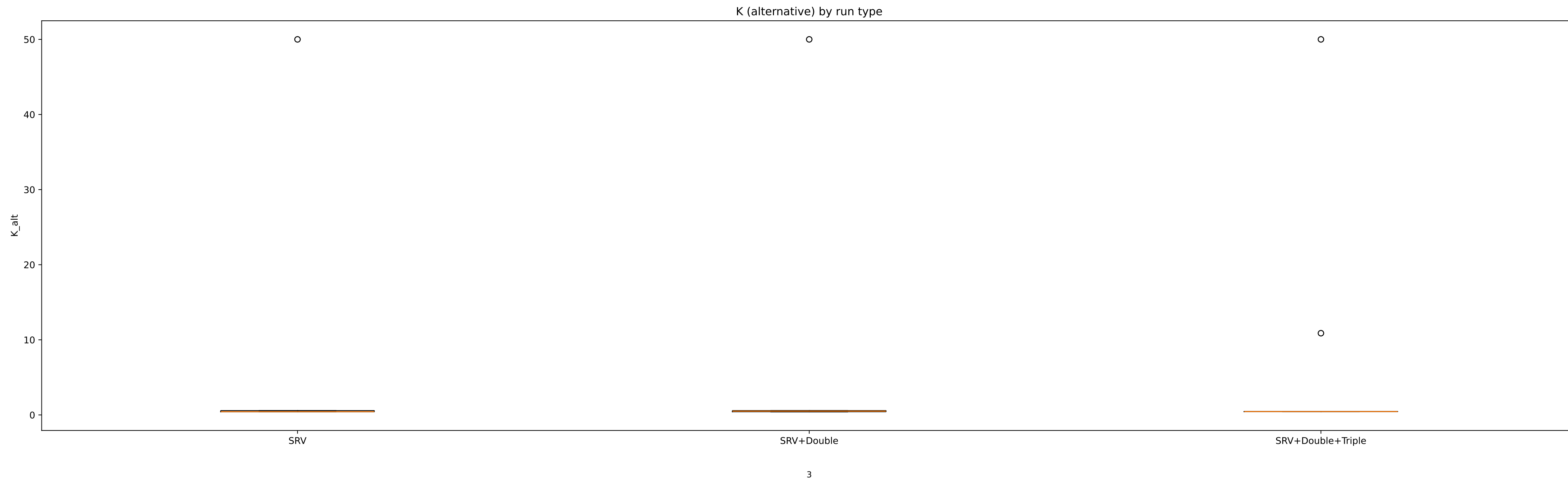
SRV vs SRV+Double vs SRV+Double+Triple

Includes:

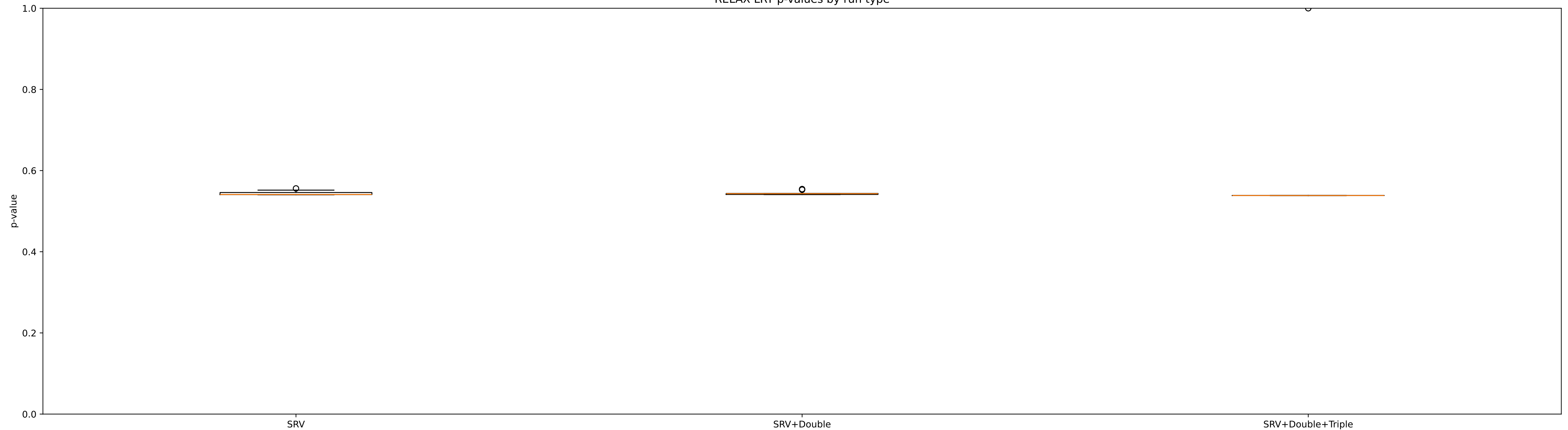
- Run-type summary
- Boxplots: K, p-values, 2H/3H
- Full omega/SRV/multihit tables (column-paged)

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
0.5411	0.5404	0.556	0.43	0.42	50.0	0.2334	0.3919	10	nan	nan
0.5432	0.5408	0.5544	0.505	0.41	50.0	0.2334	0.3919	10	0.0	0.0
0.5385	0.5382	1.0	0.445	0.44	50.0	0.2334	0.3919	10	0.0	0.0

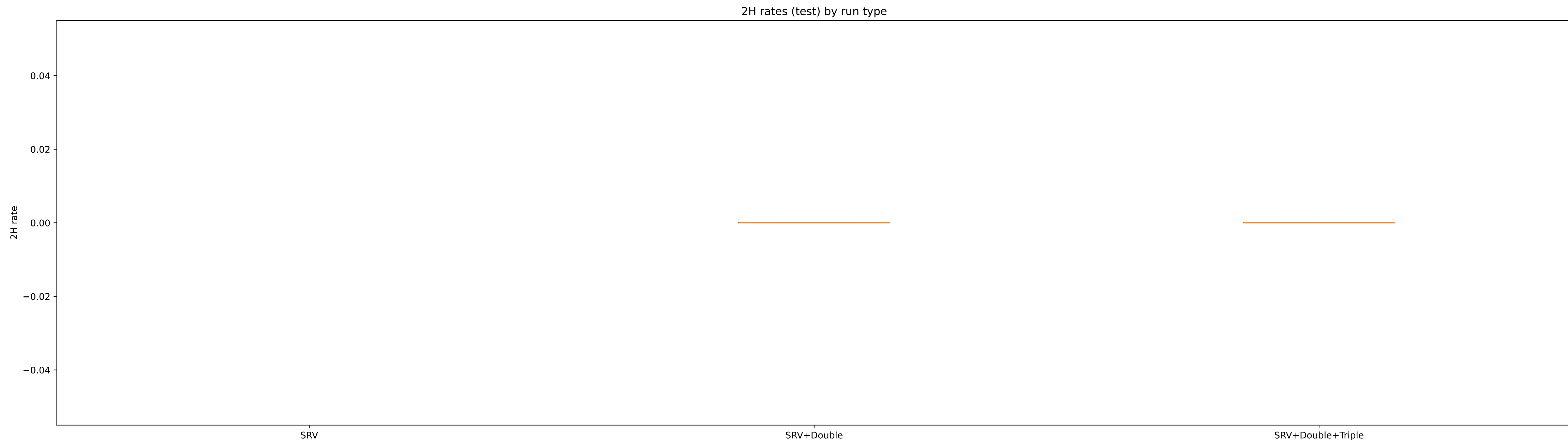


RELAX LRT p-values by run type

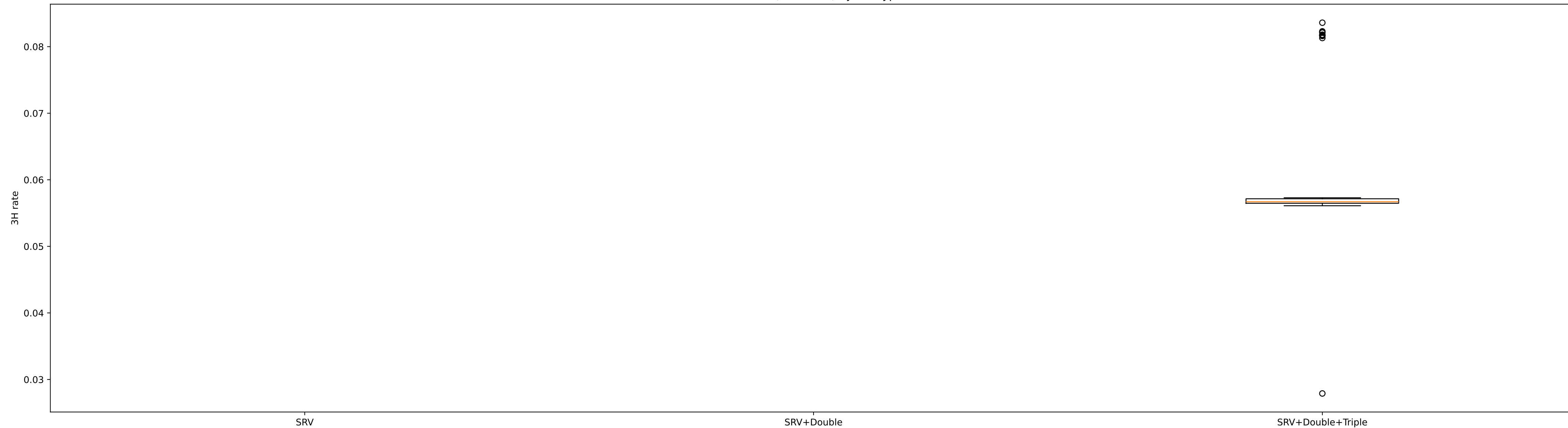


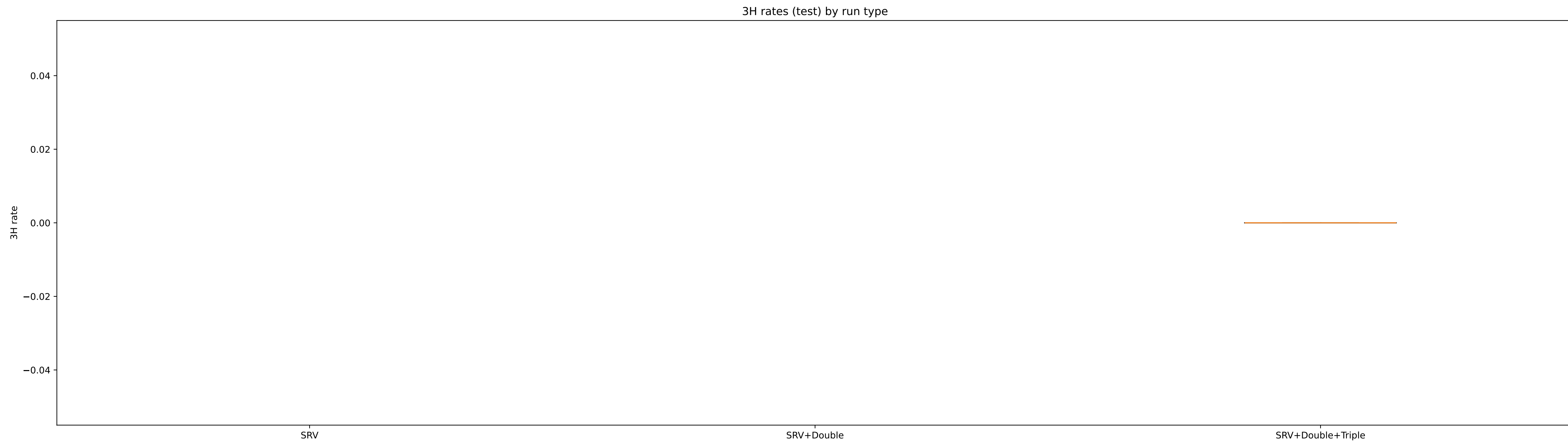
2H rates (reference) by run type





3H rates (reference) by run type





	replicate	p_value	K_alt	global_dNdS_reference	global_dNdS_test	
	1	0.5404	0.42	0.2334	0.3919	
	2	0.542	0.44	0.2334	0.3919	
	3	0.5408	0.42	0.2335	0.392	
	4	0.5412	0.42	0.2335	0.392	
	5	0.5407	0.42	0.2334	0.3919	
	6	0.5472	0.57	0.2334	0.3919	
	7	0.541	50.0	0.2334	0.3919	
	8	0.556	0.57	0.2335	0.392	
	9	0.5518	0.57	0.2334	0.3919	
	10	0.5408	0.42	0.2334	0.3919	

	replicate	p_value	K_alt	global_dNdS_reference	global_dNdS_test	
	1	0.5434	0.57	0.2334	0.3919	
	2	0.5414	0.43	0.2334	0.3919	
	3	0.5528	0.57	0.2334	0.3919	
	4	0.5429	0.44	0.2334	0.3919	
	5	0.5438	0.57	0.2334	0.3919	
	6	0.5408	0.41	0.2334	0.3919	
	7	0.5411	50.0	0.2335	0.392	
	8	0.5434	0.44	0.2334	0.3919	
	9	0.5544	0.57	0.2334	0.3919	
	10	0.541	0.42	0.2334	0.3919	

	replicate	p_value	K_alt	global_dNdS_reference	global_dNdS_test	
	1	0.5384	0.44	0.2334	0.3919	
	2	1.0	10.88	0.2335	0.392	
	3	0.5389	0.45	0.2334	0.3919	
	4	0.5383	0.44	0.2334	0.3919	
	5	0.5386	0.45	0.2335	0.392	
	6	0.5384	0.44	0.2334	0.3919	
	7	0.5389	0.46	0.2334	0.3919	
	8	0.5384	50.0	0.2334	0.3919	
	9	0.5386	0.44	0.2334	0.3919	
	10	0.5382	0.44	0.2334	0.3919	

	test	Negative s election	0.0	40.839	SRV+Double	
	test	Negative s election	0.659	59.161	SRV+Double	
	test	Negative s election	0.0	40.839	SRV+Double	
	test	Negative s election	0.39	59.161	SRV+Double	
	reference	Diversifyi ng selecti on	Ω-class distributions (all) (cols 1-7/7)	0.0	SRV+Double	
	reference	Negative s election		41.488	SRV+Double	
	reference	Negative s election		0.396	58.512	SRV+Double
	test	Diversifyi ng selecti on		1.154	0.0	SRV+Double
	test	Negative s election		0.0	41.488	SRV+Double
	test	Negative s election		0.396	58.512	SRV+Double
	reference	Diversifyi ng selecti on		1.002	0.0	SRV+Double
	reference	Negative s election		0.078	65.922	SRV+Double
	reference	Negative s election		0.532	34.078	SRV+Double
	test	Diversifyi ng selecti on		1.001	0.0	SRV+Double
	test	Diversifyi ng selecti on		1.002	0.0	SRV+Double
	test	Negative s election		0.232	65.922	SRV+Double
	test	Negative s election	0.697	34.078	SRV+Double	
	test	Negative s election	0.078	65.922	SRV+Double	
	test	Negative s election	0.532	34.078	SRV+Double	
	reference	Diversifyi ng selecti on	1.159	0.0	SRV+Double	
	reference	Negative s election	0.075	65.264	SRV+Double	
	reference	Negative s election	0.53	34.736	SRV+Double	
	test	Diversifyi ng selecti on	1.159	0.0	SRV+Double	
	test	Negative s election	0.075	65.264	SRV+Double	
	test	Negative s election	0.53	34.736	SRV+Double	
	reference	Diversifyi ng selecti on	1.002	0.0	SRV+Double	
	reference	Negative s election	0.0	43.467	SRV+Double	
	reference	Negative s election	0.409	56.533	SRV+Double	
	test	Diversifyi ng selecti on	1.001	0.0	SRV+Double	
	test	Diversifyi ng selecti on	1.002	0.0	SRV+Double	
	test	Negative s election	0.0	43.467	SRV+Double	
	test	Negative s election	0.69	56.533	SRV+Double	
	test	Negative s election	0.0	43.467	SRV+Double	
	test	Negative s election	0.409	56.533	SRV+Double	
	reference	Diversifyi ng selecti on	1.159	0.0	SRV+Double	
	reference	Negative s election	0.0	43.567	SRV+Double	
	reference	Negative s election	0.412	56.433	SRV+Double	
	test	Diversifyi ng selecti on	1.159	0.0	SRV+Double	
	test	Negative s election	0.0	43.567	SRV+Double	
	test	Negative s election	0.412	56.433	SRV+Double	
	reference	Diversifyi ng selecti on	1.057	2.523	SRV+Double	
	reference	Negative s election	0.0	44.747	SRV+Double	
	reference	Negative s election	0.392	52.73	SRV+Double	
	test	Diversifyi ng selecti on	16.271	2.523	SRV+Double	
	test	Diversifyi ng selecti on	1.057	2.523	SRV+Double	
	test	Negative s election	0.0	44.747	SRV+Double	
	test	Negative s election	0.0	52.73	SRV+Double	
	test	Negative s election	0.0	44.747	SRV+Double	
	test	Negative s election	12 0.392	52.73	SRV+Double	
	reference	Diversifyi ng selecti on	1.067	0.0	SRV+Double	

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

	class_id	syn_rate	proportion_per cent	run_type	
	1	0.0	10.137	SRV	
	2	0.944	78.911	SRV	
	3	2.327	10.952	SRV	
	1	0.0	10.141	SRV	
	2	0.945	79.039	SRV	
	3	2.339	10.82	SRV	
	1	0.0	10.121	SRV	
	2	0.943	78.834	SRV	
	3	2.321	11.045	SRV	
	1	0.0	10.13	SRV	
	2	0.944	78.871	SRV	
	3	2.323	10.999	SRV	
	1	0.0	10.121	SRV	
	2	0.944	78.853	SRV	
	3	2.322	11.026	SRV	
	1	0.0	10.136	SRV	
	2	0.943	78.678	SRV	
	3	2.304	11.187	SRV	
	1	0.0	10.103	SRV	
	2	0.942	78.811	SRV	
	3	2.32	11.086	SRV	
	1	0.0	10.136	SRV	
	2	0.944	78.711	SRV	
	3	2.305	11.153	SRV	
	1	0.0	10.13	SRV	
	2	0.944	78.687	SRV	
	3	2.302	11.183	SRV	
	1	0.0	10.124	SRV	
	2	0.944	78.846	SRV	
	3	2.319	11.031	SRV	

	reference	2H	0.0	SRV+Double+Triple	
	reference	3H	0.0564	SRV+Double+Triple	
	reference	3H	0.0565	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	0.0279	SRV+Double+Triple	
	reference	3H	0.0562	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	0.0562	SRV+Double+Triple	
	reference	3H	0.0561	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	0.0821	SRV+Double+Triple	
	reference	3H	0.0569	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	0.0566	SRV+Double+Triple	
	reference	3H	0.0567	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	0.0818	SRV+Double+Triple	
	reference	3H	0.0565	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	0.0563	SRV+Double+Triple	
	reference	3H	0.0565	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	0.0823	SRV+Double+Triple	
	reference	3H	0.0567	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	0.0564	SRV+Double+Triple	
	reference	3H	0.0567	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	0.0813	SRV+Double+Triple	
	reference	3H	0.0566	SRV+Double+Triple	
	test	2H	0.0	SRV+Double+Triple	
	test	3H	0.0	SRV+Double+Triple	