

RELAX Combined Report

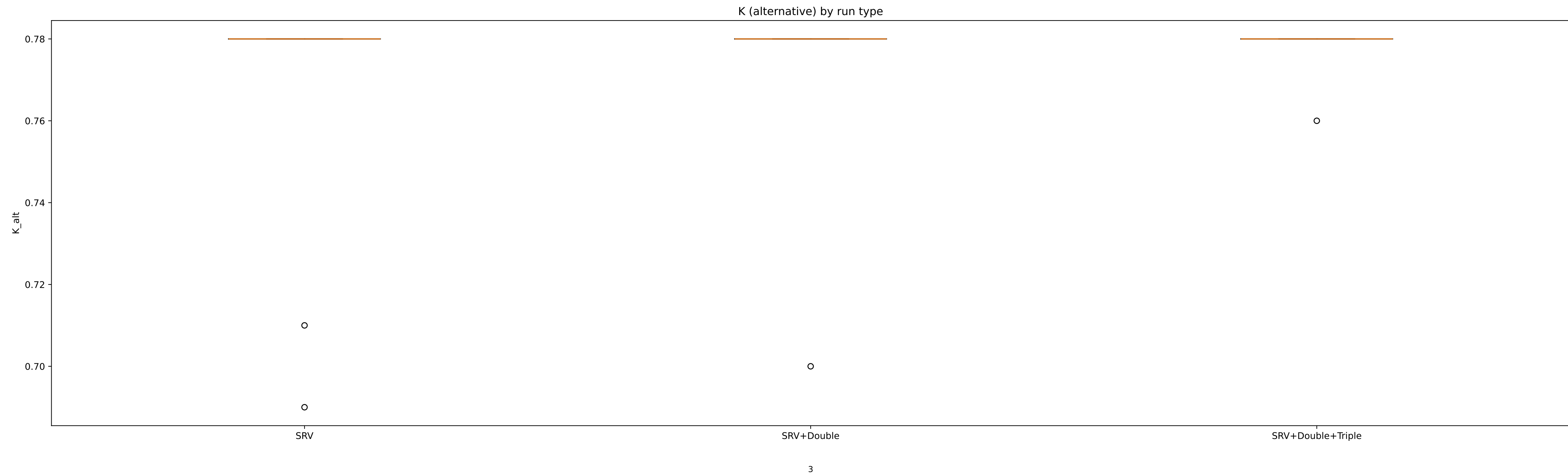
SRV vs SRV+Double vs SRV+Double+Triple

Includes:

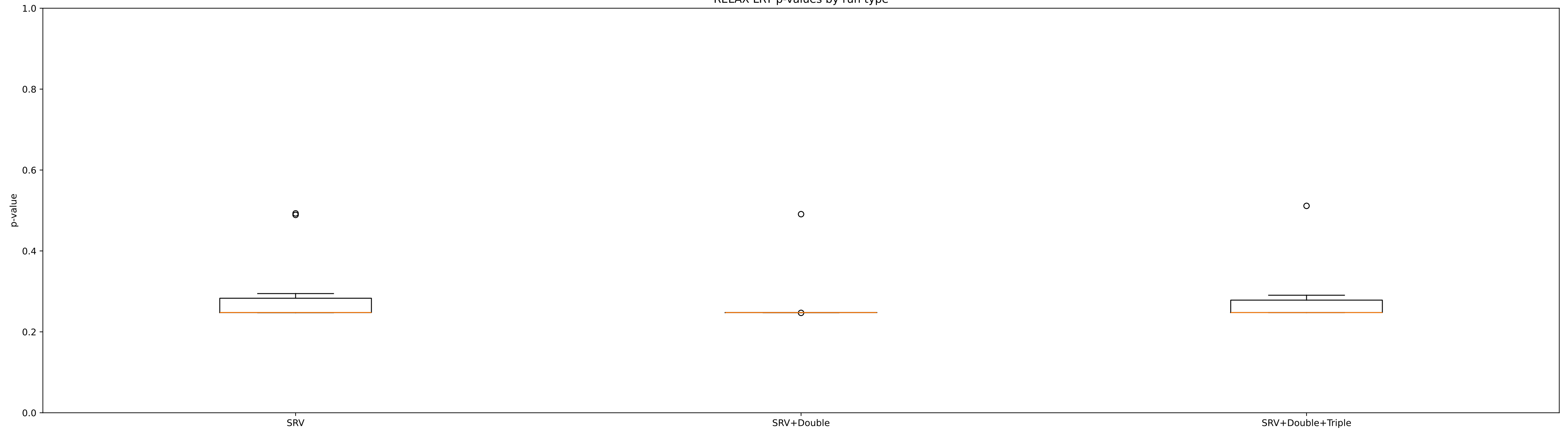
- Run-type summary
- Boxplots: K, p-values, 2H/3H
- Full omega/SRV/multihit tables (column-paged)

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
0.2479	0.2474	0.4928	0.78	0.69	0.78	0.2164	0.2855	10	nan	nan
0.2476	0.2469	0.4909	0.78	0.7	0.78	0.2164	0.2855	10	0.0	0.0
0.2476	0.2475	0.5114	0.78	0.76	0.78	0.2164	0.2855	10	0.0	0.0

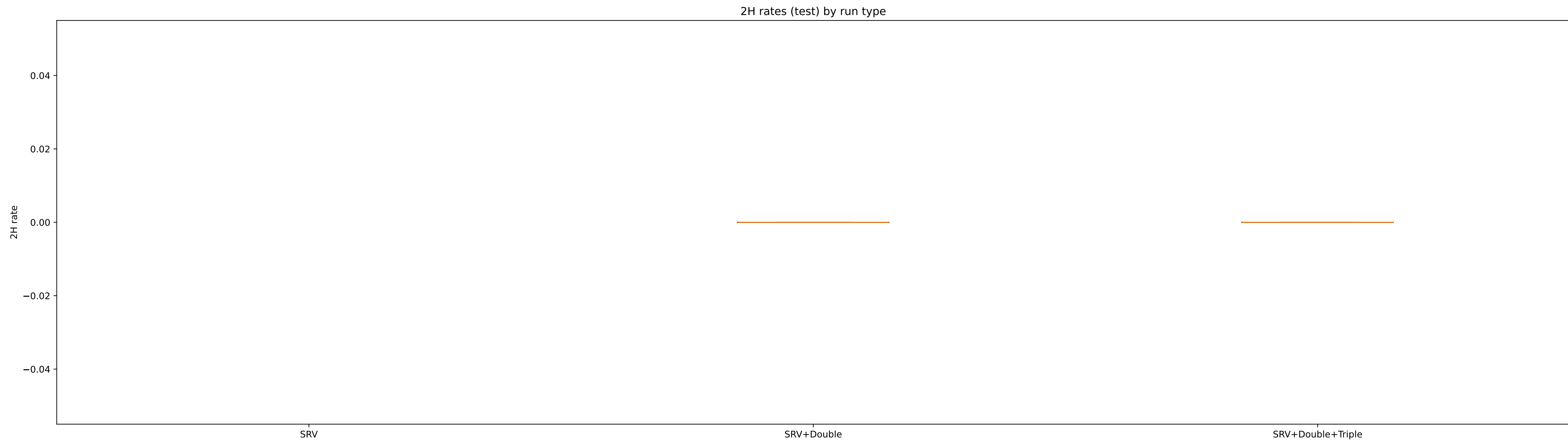


RELAX LRT p-values by run type

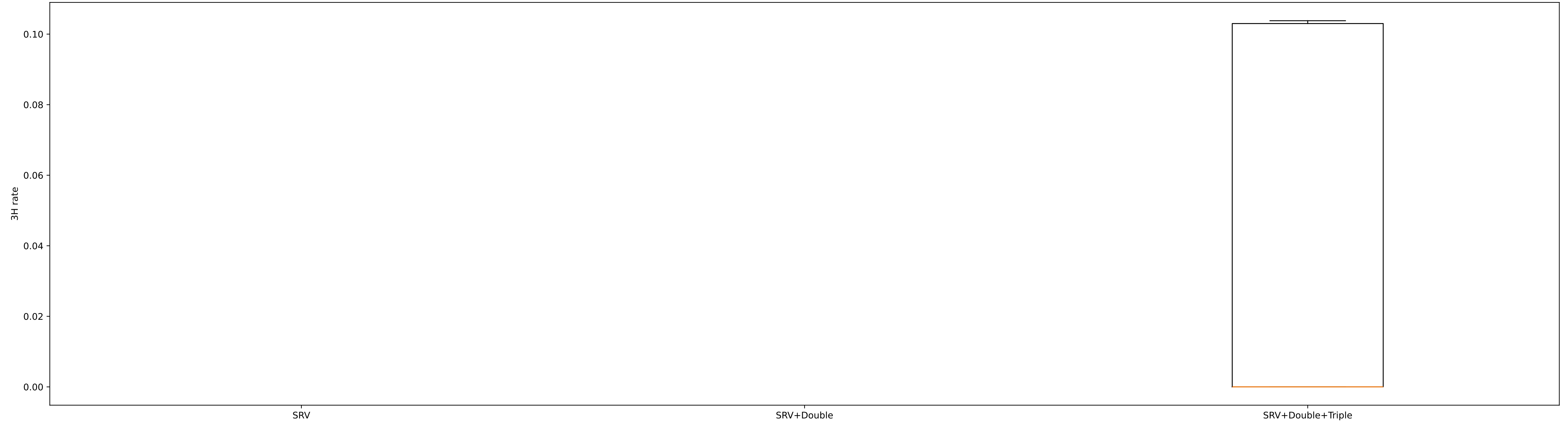


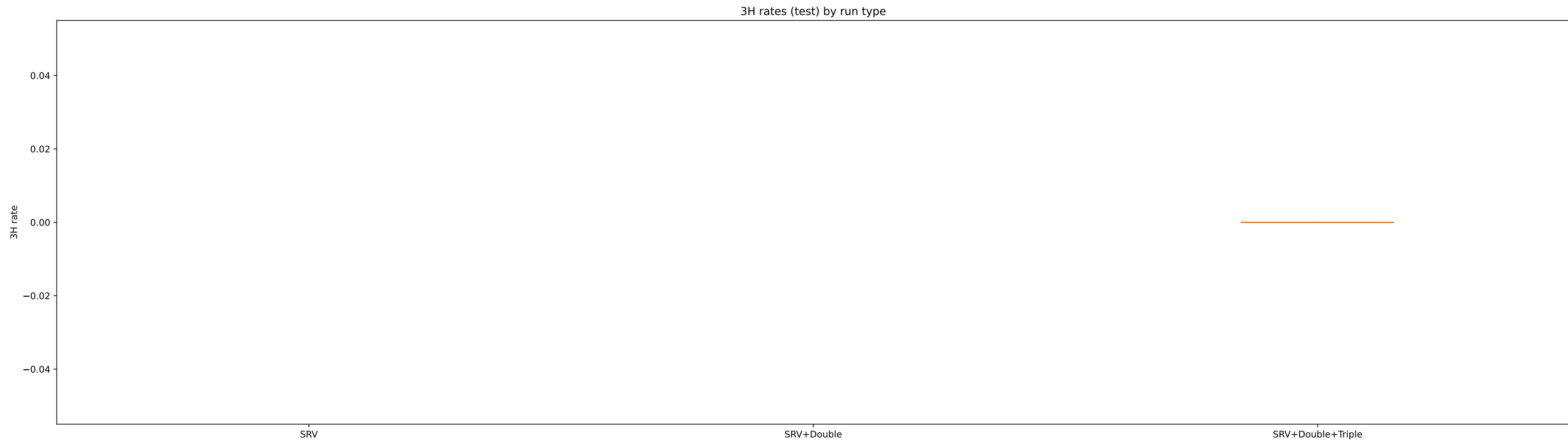
2H rates (reference) by run type





3H rates (reference) by run type





	replicate	p_value	K_alt	global_dNdS_reference	global_dNdS_test	
	1	0.4891	0.69	0.2164	0.2855	
	2	0.2479	0.78	0.2164	0.2855	
	3	0.2485	0.78	0.2164	0.2855	
	4	0.2479	0.78	0.2164	0.2855	
	5	0.2477	0.78	0.2164	0.2855	
	6	0.2475	0.78	0.2164	0.2855	
	7	0.4928	0.71	0.2164	0.2855	
	8	0.2474	0.78	0.2164	0.2855	
	9	0.2475	0.78	0.2164	0.2855	
	10	0.2946	0.78	0.2164	0.2855	

	replicate	p_value	K_alt	global_dNdS_reference	global_dNdS_test	
	1	0.2475	0.78	0.2164	0.2855	
	2	0.2474	0.78	0.2164	0.2855	
	3	0.2476	0.78	0.2164	0.2855	
	4	0.4909	0.7	0.2164	0.2855	
	5	0.2477	0.78	0.2164	0.2855	
	6	0.2478	0.78	0.2164	0.2855	
	7	0.2475	0.78	0.2164	0.2855	
	8	0.2478	0.78	0.2164	0.2855	
	9	0.2469	0.78	0.2164	0.2855	
	10	0.2478	0.78	0.2164	0.2855	

	replicate	p_value	K_alt	global_dNdS_reference	global_dNdS_test	
	1	0.2476	0.78	0.2164	0.2855	
	2	0.2475	0.78	0.2164	0.2855	
	3	0.2886	0.78	0.2164	0.2855	
	4	0.5114	0.76	0.2164	0.2855	
	5	0.2479	0.78	0.2164	0.2855	
	6	0.2476	0.78	0.2164	0.2855	
	7	0.2475	0.78	0.2164	0.2855	
	8	0.2476	0.78	0.2164	0.2855	
	9	0.2905	0.78	0.2164	0.2855	
	10	0.2476	0.78	0.2164	0.2855	

		test	Negative s election	0.154	18.346	SRV+Double	
		test	Negative s election	0.303	81.373	SRV+Double	
		test	Negative s election	0.179	81.373	SRV+Double	
		test	Negative s election	0.255	18.346	SRV+Double	
		reference	Diversifyi ng selecti on	Ω-class distributions (all) (cols 1-7/7)	0.254	SRV+Double	
		reference	Negative s election		0.172	48.891	SRV+Double
		reference	Negative s election		0.218	50.854	SRV+Double
		test	Diversifyi ng selecti on		12.121	0.254	SRV+Double
		test	Negative s election		0.172	48.891	SRV+Double
		test	Negative s election		0.218	50.854	SRV+Double
		reference	Diversifyi ng selecti on		12.697	0.274	SRV+Double
		reference	Negative s election		0.186	8.82	SRV+Double
		reference	Negative s election		0.194	90.906	SRV+Double
		test	Diversifyi ng selecti on		7.229	0.274	SRV+Double
		test	Diversifyi ng selecti on	12.697	0.274	SRV+Double	
		test	Negative s election	0.27	8.82	SRV+Double	
		test	Negative s election	0.279	90.906	SRV+Double	
		test	Negative s election	0.186	8.82	SRV+Double	
		test	Negative s election	0.194	90.906	SRV+Double	
		reference	Diversifyi ng selecti on	12.322	0.241	SRV+Double	
		reference	Negative s election	0.204	90.671	SRV+Double	
		reference	Negative s election	0.218	9.088	SRV+Double	
		test	Diversifyi ng selecti on	12.322	0.241	SRV+Double	
		test	Negative s election	0.204	90.671	SRV+Double	
		test	Negative s election	0.218	9.088	SRV+Double	
		reference	Diversifyi ng selecti on	12.909	0.27	SRV+Double	
		reference	Negative s election	0.185	20.324	SRV+Double	
		reference	Negative s election	0.196	79.406	SRV+Double	
		test	Diversifyi ng selecti on	7.328	0.27	SRV+Double	
		test	Diversifyi ng selecti on	12.909	0.27	SRV+Double	
		test	Negative s election	0.268	20.324	SRV+Double	
		test	Negative s election	0.281	79.406	SRV+Double	
		test	Negative s election	0.185	20.324	SRV+Double	
		test	Negative s election	0.196	79.406	SRV+Double	
		reference	Diversifyi ng selecti on	12.311	0.24	SRV+Double	
		reference	Negative s election	0.203	80.065	SRV+Double	
		reference	Negative s election	0.217	19.695	SRV+Double	
		test	Diversifyi ng selecti on	12.311	0.24	SRV+Double	
		test	Negative s election	0.203	80.065	SRV+Double	
		test	Negative s election	0.217	19.695	SRV+Double	
		reference	Diversifyi ng selecti on	12.634	0.278	SRV+Double	
		reference	Negative s election	0.191	85.624	SRV+Double	
		reference	Negative s election	0.206	14.099	SRV+Double	
		test	Diversifyi ng selecti on	7.19	0.278	SRV+Double	
		test	Diversifyi ng selecti on	12.634	0.278	SRV+Double	
		test	Negative s election	0.276	85.624	SRV+Double	
		test	Negative s election	0.293	14.099	SRV+Double	
		test	Negative s election	0.191	85.624	SRV+Double	
		test	Negative s election	12 0.206	14.099	SRV+Double	
		reference	Diversifyi ng selecti on	12.45	0.238	SRV+Double	

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

	class_id	syn_rate	proportion_per cent	run_type	
	1	0.889	6.435	SRV	
	2	0.889	91.772	SRV	
	3	7.098	1.793	SRV	
	1	0.888	84.281	SRV	
	2	0.89	13.935	SRV	
	3	7.164	1.784	SRV	
	1	0.887	11.406	SRV	
	2	0.888	86.811	SRV	
	3	7.164	1.783	SRV	
	1	0.888	86.545	SRV	
	2	0.891	11.672	SRV	
	3	7.156	1.783	SRV	
	1	0.888	88.528	SRV	
	2	0.89	9.696	SRV	
	3	7.168	1.776	SRV	
	1	0.883	3.283	SRV	
	2	0.888	94.92	SRV	
	3	7.14	1.796	SRV	
	1	0.888	84.979	SRV	
	2	0.899	13.245	SRV	
	3	7.127	1.776	SRV	
	1	0.888	98.207	SRV	
	2	1.012	0.0	SRV	
	3	7.131	1.793	SRV	
	1	0.882	0.0	SRV	
	2	0.888	98.201	SRV	
	3	7.128	1.799	SRV	
	1	0.888	85.285	SRV	
	2	0.891	12.942	SRV	
	3	7.186	1.773	SRV	

