

RELAX Combined Report

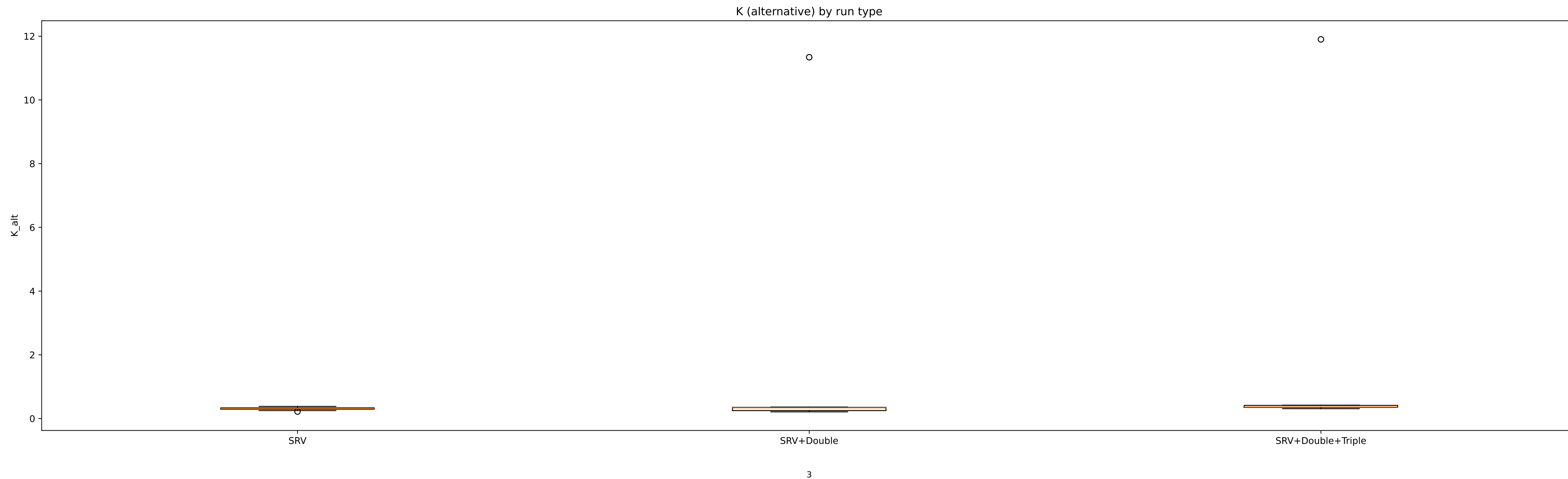
SRV vs SRV+Double vs SRV+Double+Triple

Includes:

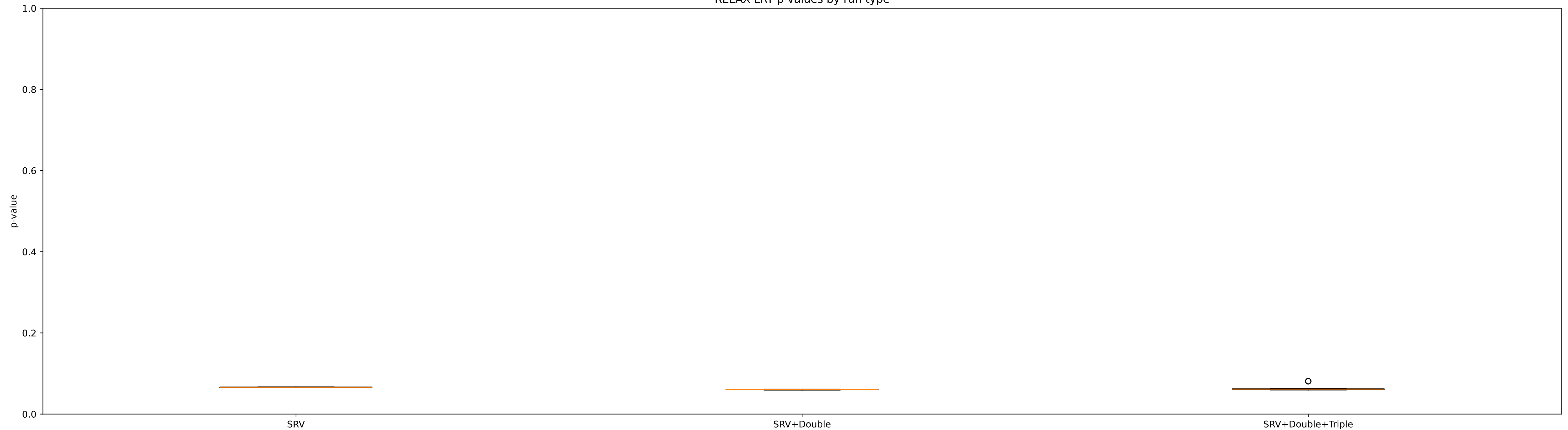
- Run-type summary
- Boxplots: K, p-values, 2H/3H
- Full omega/SRV/multihit tables (column-paged)

Run-type summary statistics

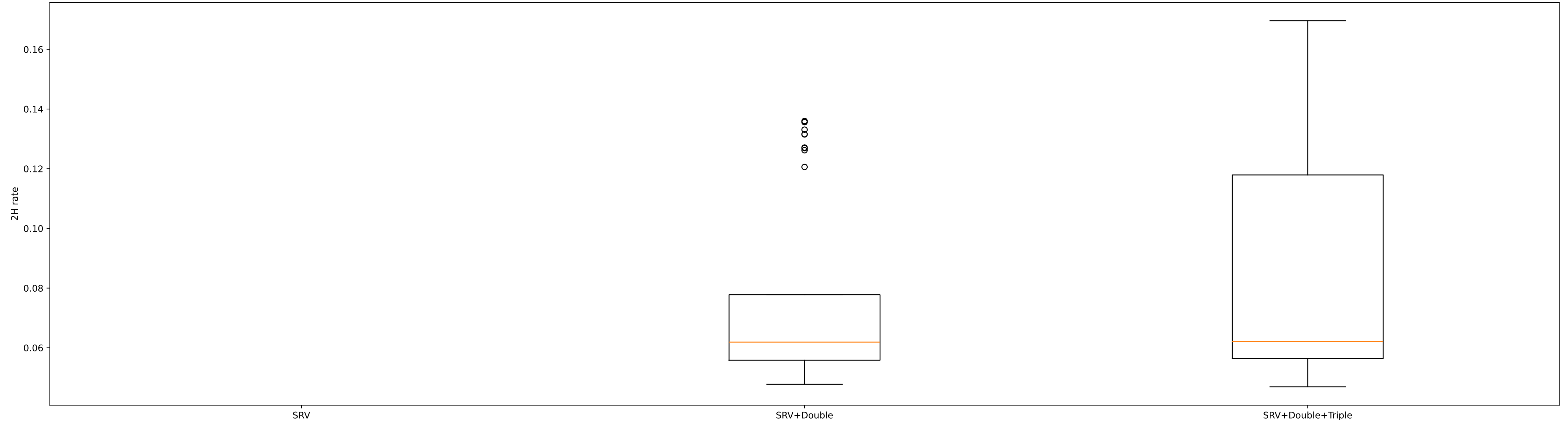
p_median	p_min	p_max	K_median	K_min	K_max	omega_ref_med ian	omega_test_med ian	warnings_count	2H_reference_m edian	2H_test_median
0.0661	0.0649	0.067	0.32	0.22	0.38	0.1932	0.4619	10	nan	nan
0.0603	0.0592	0.0612	0.335	0.21	11.34	0.1932	0.4619	10	0.0619	0.197
0.0616	0.0594	0.0812	0.365	0.31	11.9	0.1932	0.4619	10	0.0621	0.1968

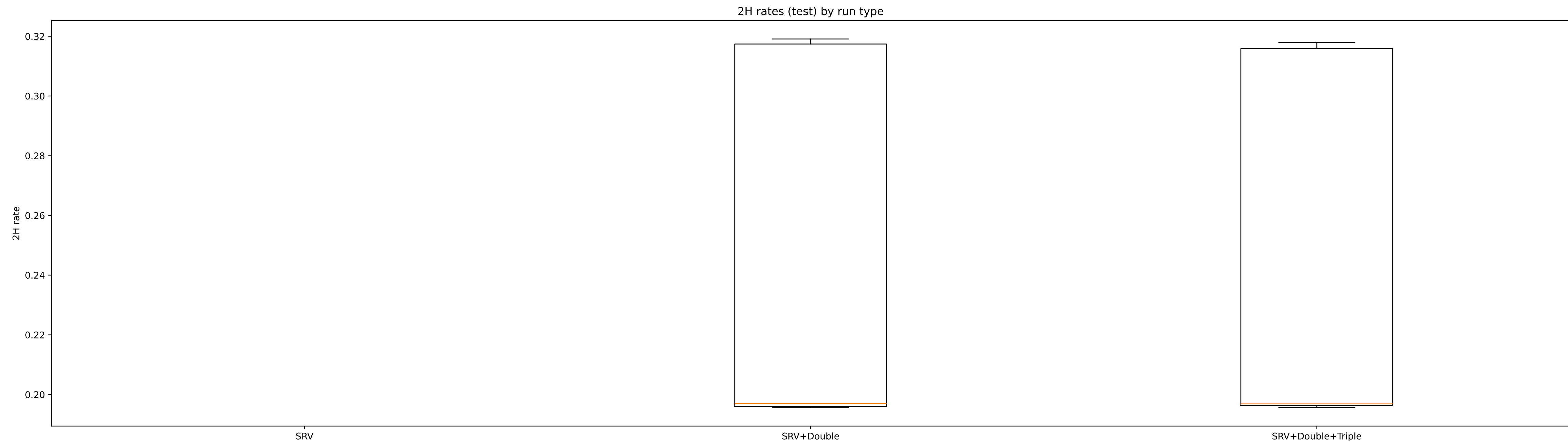


RELAX LRT p-values by run type

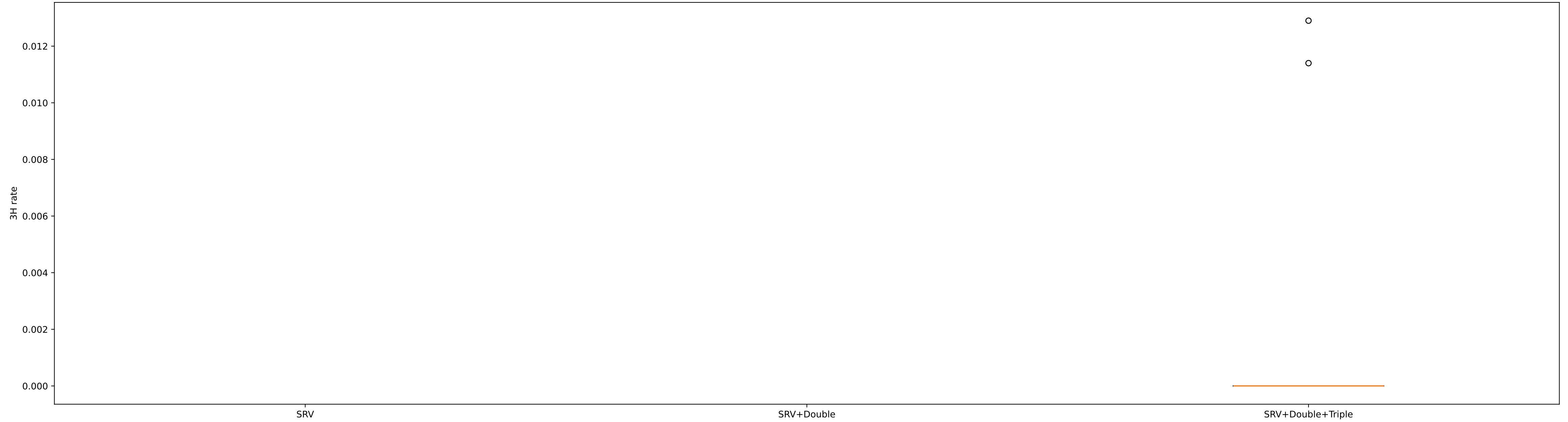


2H rates (reference) by run type





3H rates (reference) by run type





	replicate	p_value	K_alt	global_dNdS_reference	global_dNdS_test	
	1	0.0655	0.33	0.1932	0.4619	
	2	0.067	0.37	0.1932	0.4619	
	3	0.0651	0.33	0.1932	0.4619	
	4	0.0664	0.29	0.1932	0.4619	
	5	0.0658	0.31	0.1932	0.4619	
	6	0.067	0.25	0.1932	0.4619	
	7	0.0649	0.22	0.1932	0.4619	
	8	0.0666	0.31	0.1931	0.4599	
	9	0.0655	0.34	0.1932	0.4619	
	10	0.0667	0.38	0.1932	0.4619	

	replicate	p_value	K_alt	global_dNdS_reference	global_dNdS_test	
	1	0.0599	0.35	0.1932	0.4619	
	2	0.0611	0.21	0.1932	0.4619	
	3	0.0599	0.22	0.1932	0.4619	
	4	0.0609	0.23	0.1932	0.4619	
	5	0.0612	0.31	0.1931	0.4609	
	6	0.0597	0.36	0.1932	0.4609	
	7	0.0592	11.34	0.1932	0.4619	
	8	0.0604	0.35	0.1932	0.462	
	9	0.0602	0.33	0.1932	0.4619	
	10	0.0605	0.34	0.1931	0.4599	

	replicate	p_value	K_alt	global_dNdS_reference	global_dNdS_test	
	1	0.0624	0.35	0.1932	0.4606	
	2	0.0618	0.35	0.1932	0.4619	
	3	0.0809	0.42	0.1932	0.4619	
	4	0.0617	0.35	0.1932	0.462	
	5	0.0596	0.39	0.1932	0.4619	
	6	0.0594	11.9	0.1932	0.4619	
	7	0.0599	0.38	0.1932	0.4619	
	8	0.0812	0.42	0.1932	0.4619	
	9	0.0616	0.31	0.1932	0.4619	
	10	0.0613	0.33	0.1932	0.4619	

		test	Negative s election	0.21	53.35	SRV+Double	
		test	Negative s election	0.806	46.65	SRV+Double	
		test	Negative s election	0.001	53.35	SRV+Double	
		test	Negative s election	0.388	46.65	SRV+Double	
		reference	Diversifyi ng selecti on	Ω-class distributions (all) (cols 1-7/7)	0.0	SRV+Double	
		reference	Negative s election		56.397	SRV+Double	
		reference	Negative s election		43.603	SRV+Double	
		test	Diversifyi ng selecti on		0.0	SRV+Double	
		test	Negative s election		56.397	SRV+Double	
		test	Negative s election		43.603	SRV+Double	
		reference	Diversifyi ng selecti on		0.0	SRV+Double	
		reference	Negative s election		62.423	SRV+Double	
		reference	Negative s election		37.577	SRV+Double	
		test	Diversifyi ng selecti on		0.0	SRV+Double	
		test	Diversifyi ng selecti on		0.0	SRV+Double	
		test	Negative s election		62.423	SRV+Double	
		test	Negative s election	0.303	62.423	SRV+Double	
		test	Negative s election	0.785	37.577	SRV+Double	
		test	Negative s election	0.02	62.423	SRV+Double	
		test	Negative s election	0.454	37.577	SRV+Double	
		reference	Diversifyi ng selecti on	1.864	0.0	SRV+Double	
		reference	Negative s election	0.009	61.769	SRV+Double	
		reference	Negative s election	0.482	38.231	SRV+Double	
		test	Diversifyi ng selecti on	1.864	0.0	SRV+Double	
		test	Negative s election	0.009	61.769	SRV+Double	
		test	Negative s election	0.482	38.231	SRV+Double	
		reference	Diversifyi ng selecti on	1.009	0.0	SRV+Double	
		reference	Negative s election	0.07	77.916	SRV+Double	
		reference	Negative s election	0.582	22.084	SRV+Double	
		test	Diversifyi ng selecti on	1.003	0.0	SRV+Double	
		test	Diversifyi ng selecti on	1.009	0.0	SRV+Double	
		test	Negative s election	0.385	77.916	SRV+Double	
		test	Negative s election	0.823	22.084	SRV+Double	
		test	Negative s election	0.07	77.916	SRV+Double	
		test	Negative s election	0.582	22.084	SRV+Double	
		reference	Diversifyi ng selecti on	1.962	0.0	SRV+Double	
		reference	Negative s election	0.066	77.082	SRV+Double	
		reference	Negative s election	0.603	22.918	SRV+Double	
		test	Diversifyi ng selecti on	1.962	0.0	SRV+Double	
		test	Negative s election	0.066	77.082	SRV+Double	
		test	Negative s election	0.603	22.918	SRV+Double	
		reference	Diversifyi ng selecti on	1.171	8.228	SRV+Double	
		reference	Negative s election	0.09	35.362	SRV+Double	
		reference	Negative s election	0.113	56.409	SRV+Double	
		test	Diversifyi ng selecti on	5.997	8.228	SRV+Double	
		test	Diversifyi ng selecti on	1.171	8.228	SRV+Double	
		test	Negative s election	0.0	35.362	SRV+Double	
		test	Negative s election	0.0	56.409	SRV+Double	
		test	Negative s election	0.09	35.362	SRV+Double	
		test	Negative s election	12 0.113	56.409	SRV+Double	
		reference	Negative s election	0.082	32.782	SRV+Double	

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

	class_id	syn_rate	proportion_per cent	run_type	
	1	0.045	25.293	SRV	
	2	0.953	50.18	SRV	
	3	2.08	24.526	SRV	
	1	0.0	21.764	SRV	
	2	0.891	52.626	SRV	
	3	2.073	25.61	SRV	
	1	0.002	21.953	SRV	
	2	0.897	52.826	SRV	
	3	2.084	25.221	SRV	
	1	0.105	30.068	SRV	
	2	1.01	44.107	SRV	
	3	2.025	25.825	SRV	
	1	0.0	20.938	SRV	
	2	0.83	49.603	SRV	
	3	1.996	29.46	SRV	
	1	0.035	24.046	SRV	
	2	0.905	48.922	SRV	
	3	2.03	27.032	SRV	
	1	0.0	20.833	SRV	
	2	0.827	49.762	SRV	
	3	2.002	29.405	SRV	
	1	0.0	21.247	SRV	
	2	0.847	49.902	SRV	
	3	2.001	28.852	SRV	
	1	0.062	26.697	SRV	
	2	0.982	49.535	SRV	
	3	2.091	23.768	SRV	
	1	0.011	22.668	SRV	
	2	0.911	52.156	SRV	
	3	2.075	25.176	SRV	

	reference	2H	0.0515	SRV+Double	
	reference	2H	0.0625	SRV+Double	
	test	2H	0.3174	SRV+Double	
	test	2H	0.197	SRV+Double	
	reference	2H	Multihit (2H/3H) rates (all) (cols 1-6/6)	SRV+Double+Triple	
	reference	2H		SRV+Double+Triple	
	reference	3H		SRV+Double+Triple	
	test	2H	0.1963	SRV+Double+Triple	
	test	3H	0.0	SRV+Double+Triple	
	reference	2H	0.0491	SRV+Double+Triple	
	reference	2H	0.0537	SRV+Double+Triple	
	reference	3H	0.0	SRV+Double+Triple	
	test	2H	0.3171	SRV+Double+Triple	
	test	2H	0.1964	SRV+Double+Triple	
	test	3H	0.0	SRV+Double+Triple	
	reference	2H	0.1228	SRV+Double+Triple	
	reference	2H	0.0628	SRV+Double+Triple	
	reference	3H	0.0	SRV+Double+Triple	
	test	2H	0.1969	SRV+Double+Triple	
	test	3H	0.0	SRV+Double+Triple	
	reference	2H	0.05	SRV+Double+Triple	
	reference	2H	0.0584	SRV+Double+Triple	
	reference	3H	0.0	SRV+Double+Triple	
	test	2H	0.317	SRV+Double+Triple	
	test	2H	0.1967	SRV+Double+Triple	
	test	3H	0.0	SRV+Double+Triple	
	reference	2H	0.1696	SRV+Double+Triple	
	reference	2H	0.1163	SRV+Double+Triple	
	reference	3H	0.0129	SRV+Double+Triple	
	reference	3H	0.0	SRV+Double+Triple	
	test	2H	0.1973	SRV+Double+Triple	
	test	3H	0.0	SRV+Double+Triple	
	reference	2H	0.0583	SRV+Double+Triple	
	reference	2H	0.063	SRV+Double+Triple	
	reference	3H	0.0	SRV+Double+Triple	
	test	2H	0.3159	SRV+Double+Triple	
	test	2H	0.1967	SRV+Double+Triple	
	test	3H	0.0	SRV+Double+Triple	
	reference	2H	0.1322	SRV+Double+Triple	
	reference	2H	0.0579	SRV+Double+Triple	
	reference	3H	0.0	SRV+Double+Triple	
	test	2H	0.1968	SRV+Double+Triple	
	test	3H	0.0	SRV+Double+Triple	
	reference	2H	0.0469	SRV+Double+Triple	
	reference	2H	0.0564	SRV+Double+Triple	
	reference	3H	0.0	SRV+Double+Triple	
	test	2H	0.3153	SRV+Double+Triple	
	test	2H	0.1967	SRV+Double+Triple	
	test	3H	0.0	SRV+Double+Triple	
	reference	2H	0.136	SRV+Double+Triple	