

RELAX Combined Report

SRV vs SRV+Double vs SRV+Double+Triple

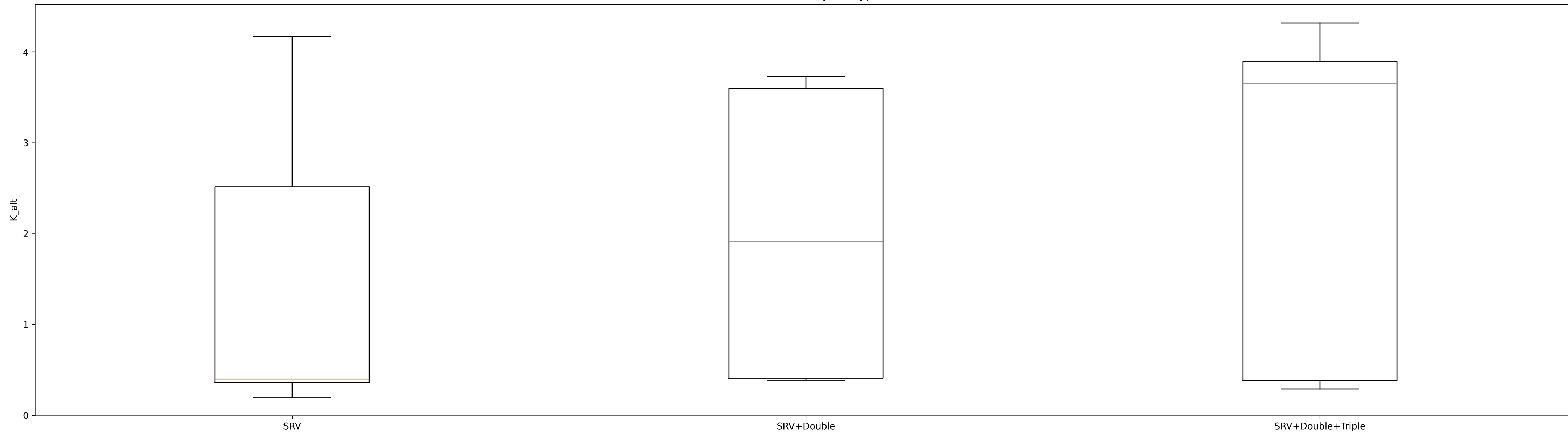
Includes:

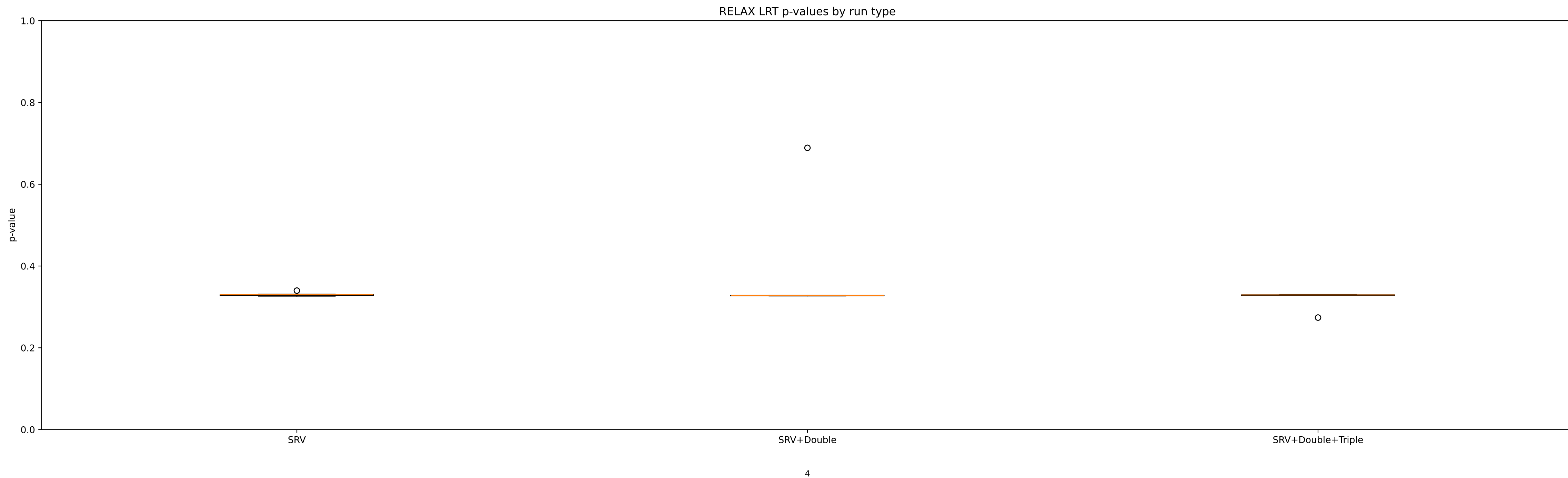
- Run-type summary
- Boxplots: K, p-values, 2H/3H
- Full omega/SRV/multihit tables (column-paged)

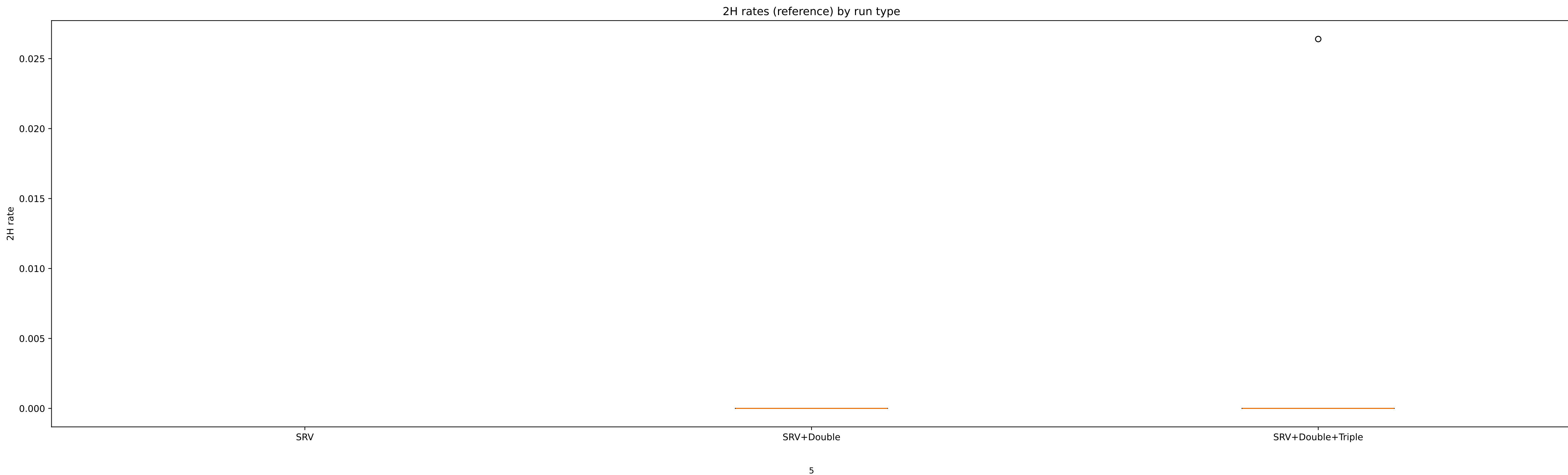
Run-type summary statistics

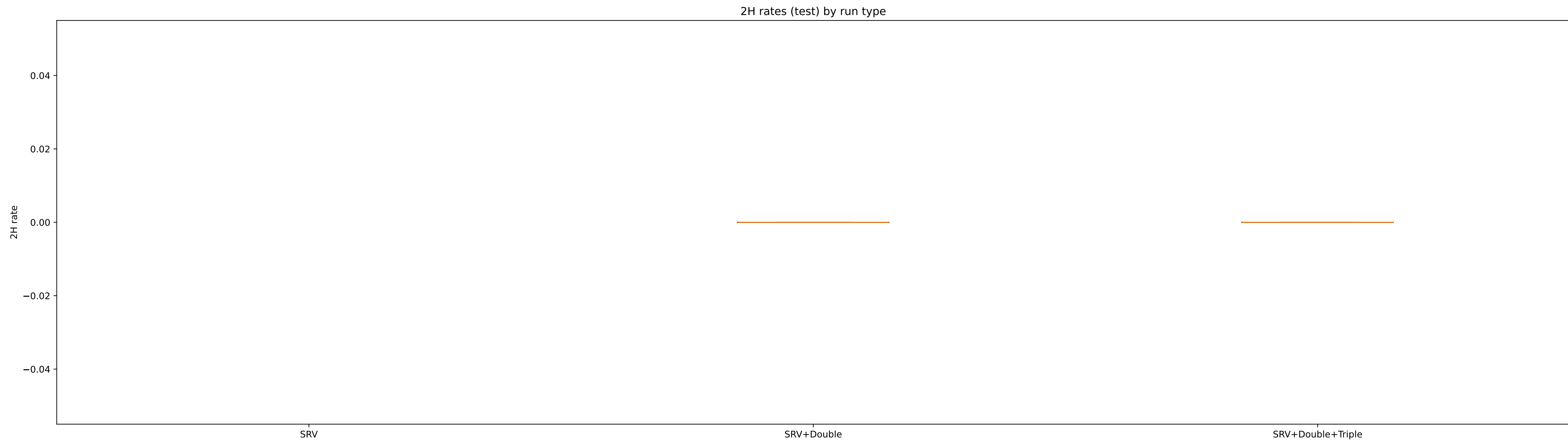
p_median	p_min	p_max	K_median	K_min	K_max	omega_ref_med ian	omega_test_med ian	warnings_count	2H_reference_m edian	2H_test_median
0.3296	0.3264	0.3399	0.4	0.2	4.17	0.3567	0.5829	10	nan	nan
0.3282	0.3268	0.6891	1.915	0.38	3.73	0.3567	0.5829	10	0.0	0.0
0.3292	0.2739	0.3306	3.655	0.29	4.32	0.3567	0.5829	10	0.0	0.0

K (alternative) by run type

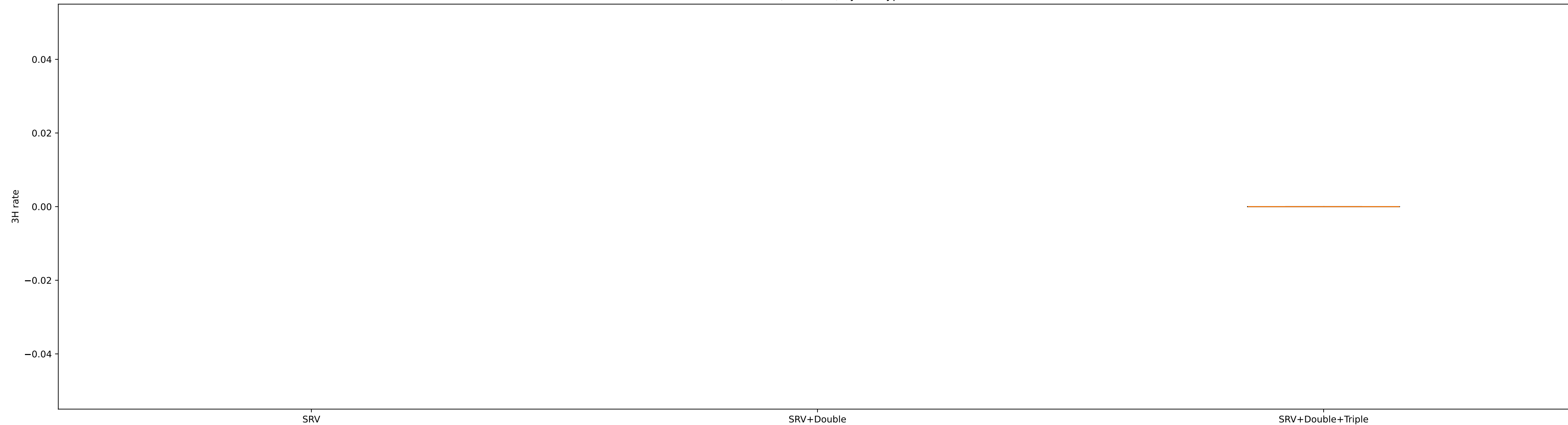




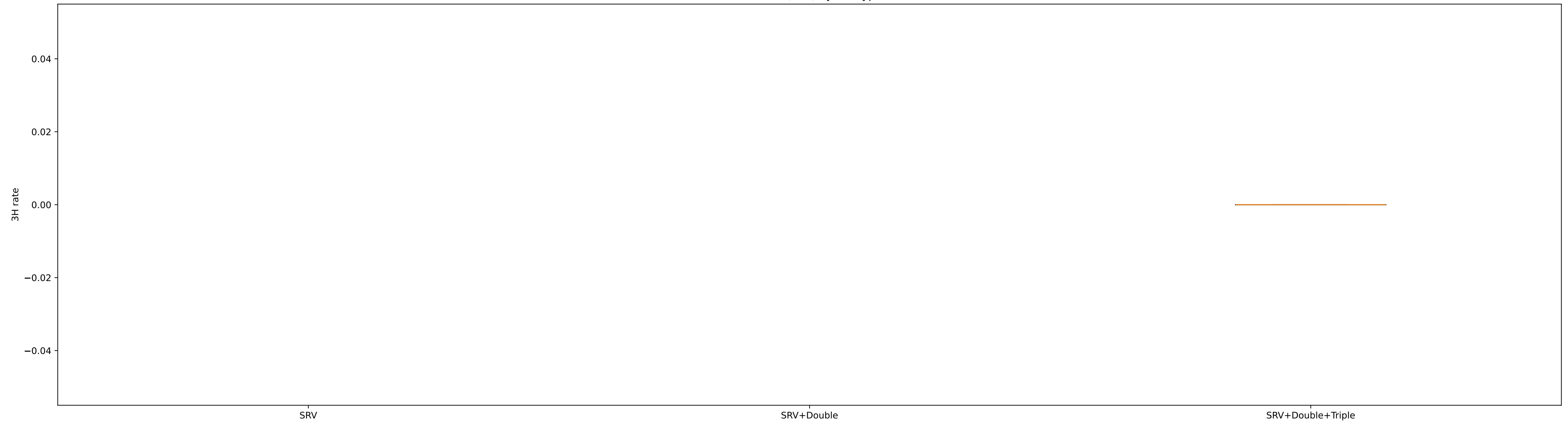




3H rates (reference) by run type



3H rates (test) by run type



	replicate	p_value	K_alt	global_dNdS_reference	global_dNdS_test	
	1	0.3304	0.2	0.3567	0.5829	
	2	0.3283	0.36	0.3567	0.5829	
	3	0.3399	0.38	0.3567	0.5829	
	4	0.3264	0.42	0.3567	0.5829	
	5	0.3295	4.17	0.3567	0.5829	
	6	0.3279	3.21	0.3567	0.5829	
	7	0.3283	3.33	0.3567	0.5829	
	8	0.3312	0.36	0.3567	0.5829	
	9	0.3298	0.32	0.3567	0.5829	
	10	0.3302	0.43	0.3567	0.5829	

	replicate	p_value	K_alt	global_dNdS_reference	global_dNdS_test	
	1	0.6891	0.38	0.3567	0.5829	
	2	0.3275	0.41	0.3567	0.5829	
	3	0.3284	3.62	0.3567	0.5829	
	4	0.3283	3.41	0.3567	0.5829	
	5	0.327	0.41	0.3567	0.5829	
	6	0.3268	0.41	0.3567	0.5829	
	7	0.3282	3.53	0.3567	0.5829	
	8	0.3284	3.63	0.3567	0.5829	
	9	0.3285	3.73	0.3567	0.5829	
	10	0.3275	0.42	0.3567	0.5829	

	replicate	p_value	K_alt	global_dNdS_reference	global_dNdS_test	
	1	0.3281	0.39	0.3567	0.5829	
	2	0.3284	0.38	0.3567	0.5829	
	3	0.3294	4.26	0.3567	0.5829	
	4	0.3293	4.32	0.3567	0.5829	
	5	0.3306	0.29	0.3567	0.5829	
	6	0.2739	0.33	0.3567	0.5829	
	7	0.3292	3.86	0.3567	0.5829	
	8	0.3286	3.58	0.3567	0.5829	
	9	0.3295	3.73	0.3567	0.5829	
	10	0.3292	3.91	0.3567	0.5829	

		test	Negative s election	0.0	17.099	SRV+Double	
		test	Negative s election	0.002	63.38	SRV+Double	
		test	Negative s election	0.005	17.099	SRV+Double	
		test	Negative s election	0.15	63.38	SRV+Double	
		reference	Diversifyi ng selecti on	Ω-class distributions (all) (cols 1-7/7)	19.761	SRV+Double	
		reference	Negative s election		17.256	SRV+Double	
		reference	Negative s election		62.983	SRV+Double	
		test	Diversifyi ng selecti on		19.761	SRV+Double	
		test	Negative s election		17.256	SRV+Double	
		test	Negative s election		62.983	SRV+Double	
		reference	Diversifyi ng selecti on		11.613	SRV+Double	
		reference	Negative s election		5.352	SRV+Double	
		reference	Negative s election		83.035	SRV+Double	
		test	Diversifyi ng selecti on		11.613	SRV+Double	
		test	Diversifyi ng selecti on		11.613	SRV+Double	
		test	Negative s election		5.352	SRV+Double	
		test	Negative s election	0.494	83.035	SRV+Double	
		test	Negative s election	0.14	5.352	SRV+Double	
		test	Negative s election	0.181	83.035	SRV+Double	
		reference	Diversifyi ng selecti on	1.823	11.542	SRV+Double	
		reference	Negative s election	0.16	5.912	SRV+Double	
		reference	Negative s election	0.183	82.546	SRV+Double	
		test	Diversifyi ng selecti on	1.823	11.542	SRV+Double	
		test	Negative s election	0.16	5.912	SRV+Double	
		test	Negative s election	0.183	82.546	SRV+Double	
		reference	Diversifyi ng selecti on	1.777	11.691	SRV+Double	
		reference	Negative s election	0.117	4.674	SRV+Double	
		reference	Negative s election	0.181	83.635	SRV+Double	
		test	Diversifyi ng selecti on	1.267	11.691	SRV+Double	
		test	Diversifyi ng selecti on	1.777	11.691	SRV+Double	
		test	Negative s election	0.413	4.674	SRV+Double	
		test	Negative s election	0.495	83.635	SRV+Double	
		test	Negative s election	0.117	4.674	SRV+Double	
		test	Negative s election	0.181	83.635	SRV+Double	
		reference	Diversifyi ng selecti on	1.816	11.641	SRV+Double	
		reference	Negative s election	0.149	5.19	SRV+Double	
		reference	Negative s election	0.183	83.17	SRV+Double	
		test	Diversifyi ng selecti on	1.816	11.641	SRV+Double	
		test	Negative s election	0.149	5.19	SRV+Double	
		test	Negative s election	0.183	83.17	SRV+Double	
		reference	Diversifyi ng selecti on	1.328	21.514	SRV+Double	
		reference	Negative s election	0.062	27.406	SRV+Double	
		reference	Negative s election	0.127	51.08	SRV+Double	
		test	Diversifyi ng selecti on	2.719	21.514	SRV+Double	
		test	Diversifyi ng selecti on	1.328	21.514	SRV+Double	
		test	Negative s election	0.0	27.406	SRV+Double	
		test	Negative s election	0.001	51.08	SRV+Double	
		test	Negative s election	0.062	27.406	SRV+Double	
		test	Negative s election	0.127	51.08	SRV+Double	
		reference	Diversifyi ng selecti on	1.342	21.252	SRV+Double	

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

	class_id	syn_rate	proportion_per cent	run_type	
	1	0.205	24.265	SRV	
	2	0.285	14.8	SRV	
	3	1.49	60.935	SRV	
	1	0.214	14.142	SRV	
	2	0.22	23.721	SRV	
	3	1.476	62.138	SRV	
	1	0.214	19.804	SRV	
	2	0.219	17.951	SRV	
	3	1.476	62.245	SRV	
	1	0.205	31.747	SRV	
	2	0.205	5.139	SRV	
	3	1.465	63.114	SRV	
	1	0.215	37.557	SRV	
	2	1.443	0.0	SRV	
	3	1.472	62.443	SRV	
	1	0.214	37.305	SRV	
	2	0.222	0.234	SRV	
	3	1.472	62.461	SRV	
	1	0.216	37.402	SRV	
	2	0.225	0.264	SRV	
	3	1.474	62.334	SRV	
	1	0.207	30.652	SRV	
	2	0.207	6.362	SRV	
	3	1.466	62.985	SRV	
	1	0.202	36.676	SRV	
	2	0.577	0.0	SRV	
	3	1.462	63.324	SRV	
	1	0.202	28.882	SRV	
	2	0.203	7.843	SRV	
	3	1.463	63.275	SRV	

	reference	2H	0.0	SRV+Double	
	test	2H	0.0	SRV+Double	
	reference	2H	0.0	SRV+Double	
	test	2H	0.0	SRV+Double	
	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	0.0	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	0.0	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	0.0	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	0.0	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	0.0	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	0.0	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	0.0	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	0.0	SRV+Double+Triple	
	test	2H	0.0264	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	