

RELAX Combined Report

SRV vs SRV+Double vs SRV+Double+Triple

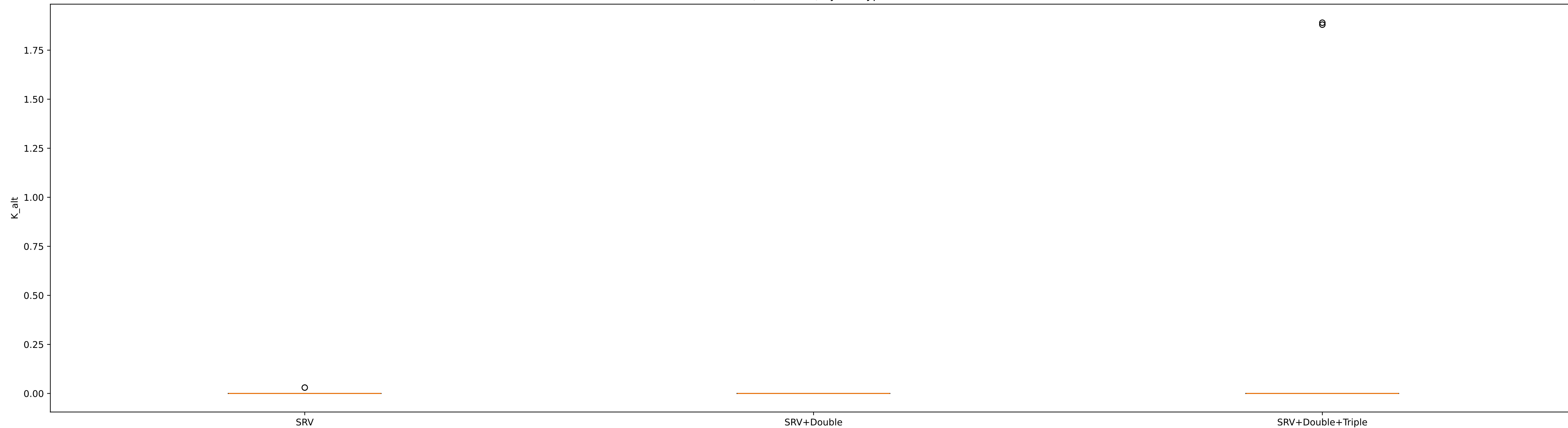
Includes:

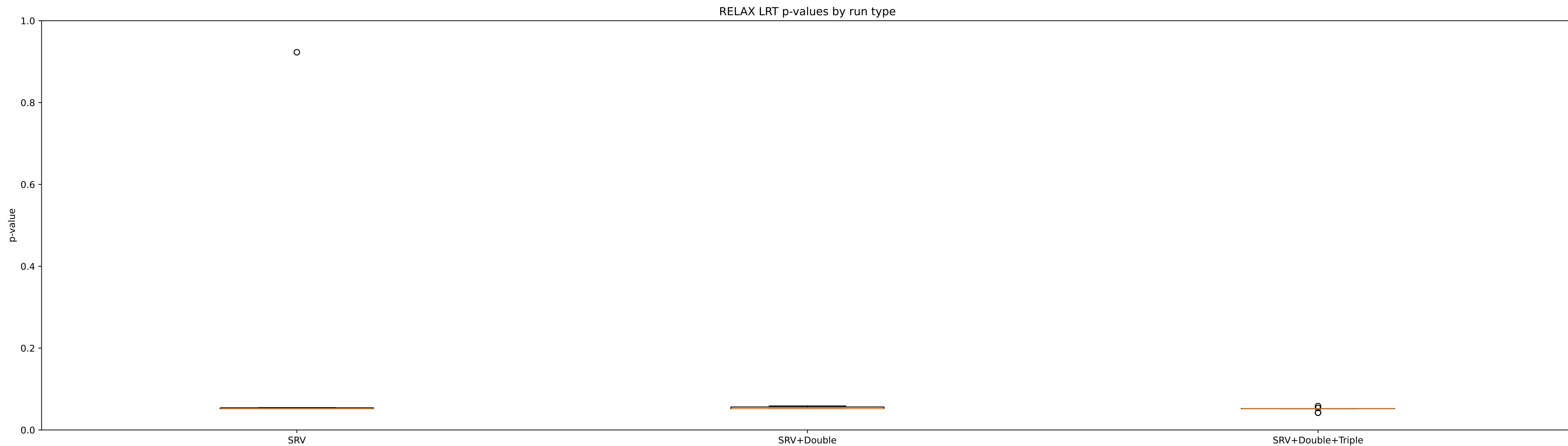
- Run-type summary
- Boxplots: K, p-values, 2H/3H
- Full omega/SRV/multihit tables (column-paged)

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
0.0524	0.052	0.923	0.0	0.0	0.03	0.269	1.3144	10	nan	nan
0.052	0.052	0.0586	0.0	0.0	0.0	0.269	1.3144	10	0.0	0.0
0.052	0.0421	0.0583	0.0	0.0	1.89	0.269	1.3144	10	0.0	0.0

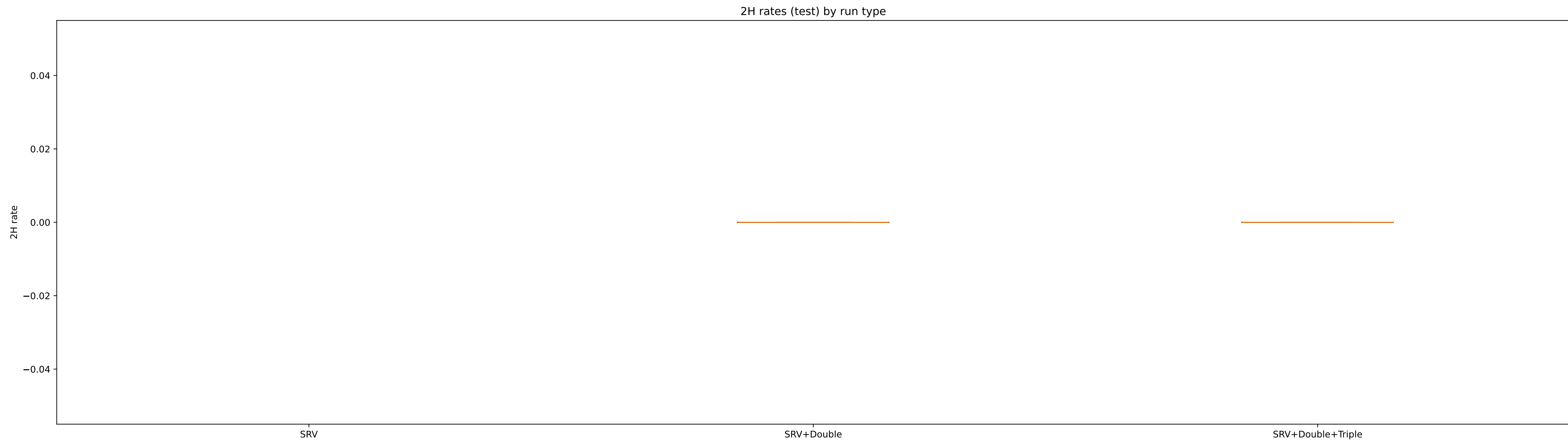
K (alternative) by run type



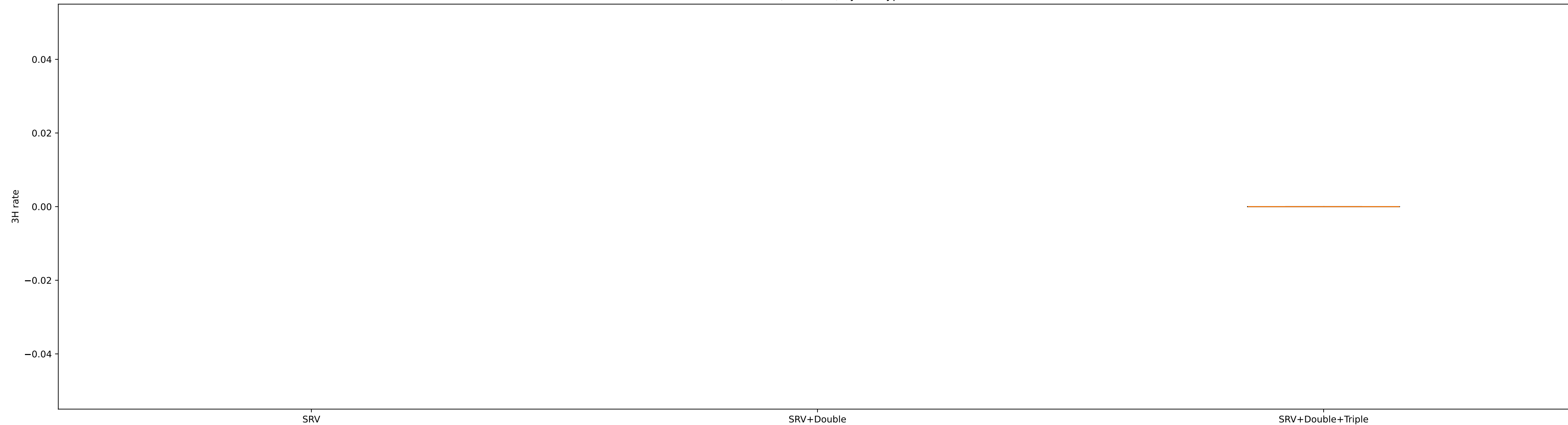


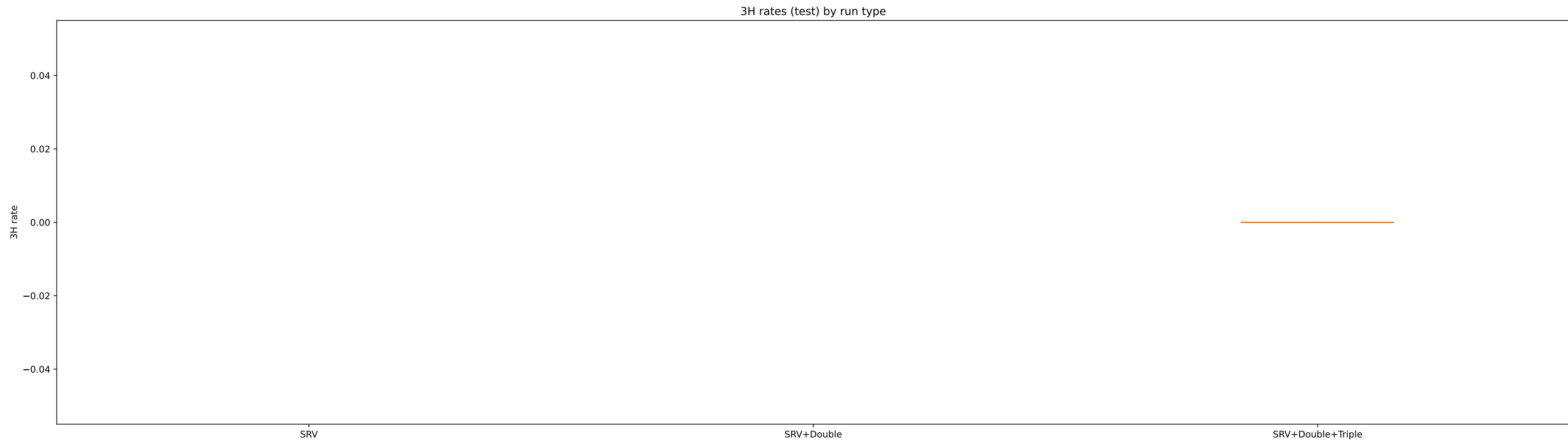
2H rates (reference) by run type





3H rates (reference) by run type





	replicate	p_value	K_alt	global_dNdS_reference	global_dNdS_test	
	1	0.0546	0.0	0.269	1.3144	
	2	0.052	0.0	0.2689	1.3144	
	3	0.0525	0.0	0.2689	1.3144	
	4	0.052	0.0	0.2689	1.3144	
	5	0.052	0.0	0.2689	1.3144	
	6	0.052	0.0	0.269	1.3144	
	7	0.0523	0.0	0.269	1.3144	
	8	0.0536	0.0	0.269	1.3144	
	9	0.923	0.03	0.269	1.3144	
	10	0.0543	0.0	0.269	1.3144	

	replicate	p_value	K_alt	global_dNdS_reference	global_dNdS_test	
	1	0.0574	0.0	0.269	1.3144	
	2	0.052	0.0	0.269	1.3144	
	3	0.0521	0.0	0.269	1.3144	
	4	0.052	0.0	0.269	1.3144	
	5	0.052	0.0	0.269	1.3144	
	6	0.052	0.0	0.269	1.3144	
	7	0.0583	0.0	0.269	1.3144	
	8	0.052	0.0	0.2689	1.3144	
	9	0.0521	0.0	0.2689	1.3144	
	10	0.0586	0.0	0.2689	1.3144	

	replicate	p_value	K_alt	global_dNdS_reference	global_dNdS_test	
	1	0.0537	0.0	0.269	1.3144	
	2	0.052	0.0	0.269	1.3144	
	3	0.052	0.0	0.269	1.3144	
	4	0.0422	1.88	0.2689	1.3144	
	5	0.052	0.0	0.2689	1.3144	
	6	0.0421	1.89	0.269	1.3144	
	7	0.052	0.0	0.2689	1.3144	
	8	0.0583	0.0	0.269	1.3144	
	9	0.052	0.0	0.269	1.3144	
	10	0.052	0.0	0.2689	1.3144	

	test	Negative selection	0.262	100.0	SRV+Double	
	test	Neutral evolution	1.0	100.0	SRV+Double	
	test	Neutral evolution	1.0	0.0	SRV+Double	
	test	Neutral evolution	1.0	0.0	SRV+Double	
	reference	Diversifying selection	Ω-class distributions (all) (cols 1-7/7)	0.0	SRV+Double	
	reference	Negative selection		0.0	SRV+Double	
	reference	Negative selection		100.0	SRV+Double	
	test	Diversifying selection		0.0	SRV+Double	
	test	Negative selection		0.0	SRV+Double	
	test	Negative selection		100.0	SRV+Double	
	reference	Diversifying selection		0.0	SRV+Double	
	reference	Negative selection	0.262	100.0	SRV+Double	
	reference	Negative selection	0.292	0.0	SRV+Double	
	test	Diversifying selection	1.015	0.0	SRV+Double	
	test	Negative selection	0.262	100.0	SRV+Double	
	test	Negative selection	0.292	0.0	SRV+Double	
	test	Neutral evolution	1.0	100.0	SRV+Double	
	test	Neutral evolution	1.0	0.0	SRV+Double	
	test	Neutral evolution	1.0	0.0	SRV+Double	
	reference	Diversifying selection	1.079	0.0	SRV+Double	
	reference	Negative selection	0.279	0.0	SRV+Double	
	reference	Negative selection	0.31	100.0	SRV+Double	
	test	Diversifying selection	1.079	0.0	SRV+Double	
	test	Negative selection	0.279	0.0	SRV+Double	
	test	Negative selection	0.31	100.0	SRV+Double	
	reference	Diversifying selection	1.015	0.0	SRV+Double	
	reference	Negative selection	0.259	92.786	SRV+Double	
	reference	Negative selection	0.293	7.214	SRV+Double	
	test	Diversifying selection	1.015	0.0	SRV+Double	
	test	Negative selection	0.259	92.786	SRV+Double	
	test	Negative selection	0.293	7.214	SRV+Double	
	test	Neutral evolution	1.0	92.786	SRV+Double	
	test	Neutral evolution	1.0	7.214	SRV+Double	
	test	Neutral evolution	1.0	0.0	SRV+Double	
	reference	Diversifying selection	1.08	0.0	SRV+Double	
	reference	Negative selection	0.235	0.0	SRV+Double	
	reference	Negative selection	0.31	100.0	SRV+Double	
	test	Diversifying selection	1.08	0.0	SRV+Double	
	test	Negative selection	0.235	0.0	SRV+Double	
	test	Negative selection	0.31	100.0	SRV+Double	
	reference	Diversifying selection	1.007	0.0	SRV+Double	
	reference	Negative selection	0.216	0.0	SRV+Double	
	reference	Negative selection	0.262	100.0	SRV+Double	
	test	Diversifying selection	1.007	0.0	SRV+Double	
	test	Negative selection	0.216	0.0	SRV+Double	
	test	Negative selection	0.262	100.0	SRV+Double	
	test	Neutral evolution	1.0	100.0	SRV+Double	
	test	Neutral evolution	1.0	0.0	SRV+Double	
	test	Neutral evolution	1.0	0.0	SRV+Double	
	reference	Diversifying selection	1.077	0.0	SRV+Double	

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

	class_id	syn_rate	proportion_per cent	run_type	
	1	0.009	0.0	SRV	
	2	0.309	82.39	SRV	
	3	4.231	17.61	SRV	
	1	0.574	2.438	SRV	
	2	0.589	90.664	SRV	
	3	6.558	6.898	SRV	
	1	0.003	0.0	SRV	
	2	0.152	74.523	SRV	
	3	3.479	25.477	SRV	
	1	0.444	0.0	SRV	
	2	0.588	93.117	SRV	
	3	6.568	6.883	SRV	
	1	0.454	0.0	SRV	
	2	0.588	93.108	SRV	
	3	6.564	6.892	SRV	
	1	0.129	0.0	SRV	
	2	0.589	93.131	SRV	
	3	6.577	6.869	SRV	
	1	0.004	0.0	SRV	
	2	0.19	76.412	SRV	
	3	3.625	23.588	SRV	
	1	0.005	0.0	SRV	
	2	0.322	82.989	SRV	
	3	4.31	17.011	SRV	
	1	0.592	93.242	SRV	
	2	6.629	2.868	SRV	
	3	6.634	3.889	SRV	
	1	0.006	0.0	SRV	
	2	0.33	83.418	SRV	
	3	4.37	16.582	SRV	

