

RELAX Combined Report

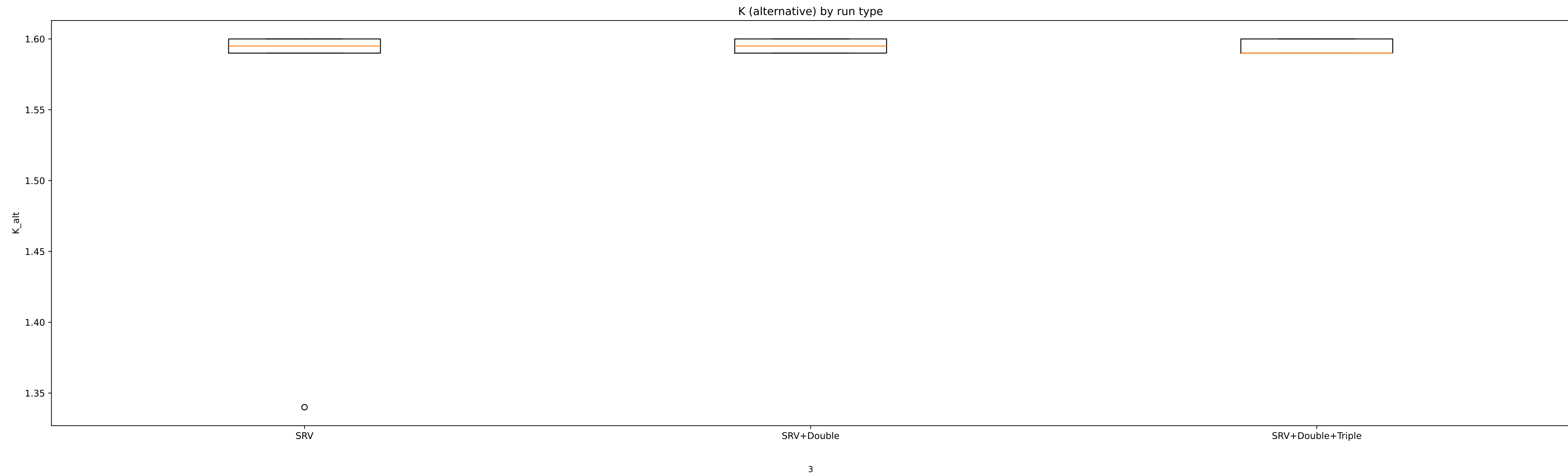
SRV vs SRV+Double vs SRV+Double+Triple

Includes:

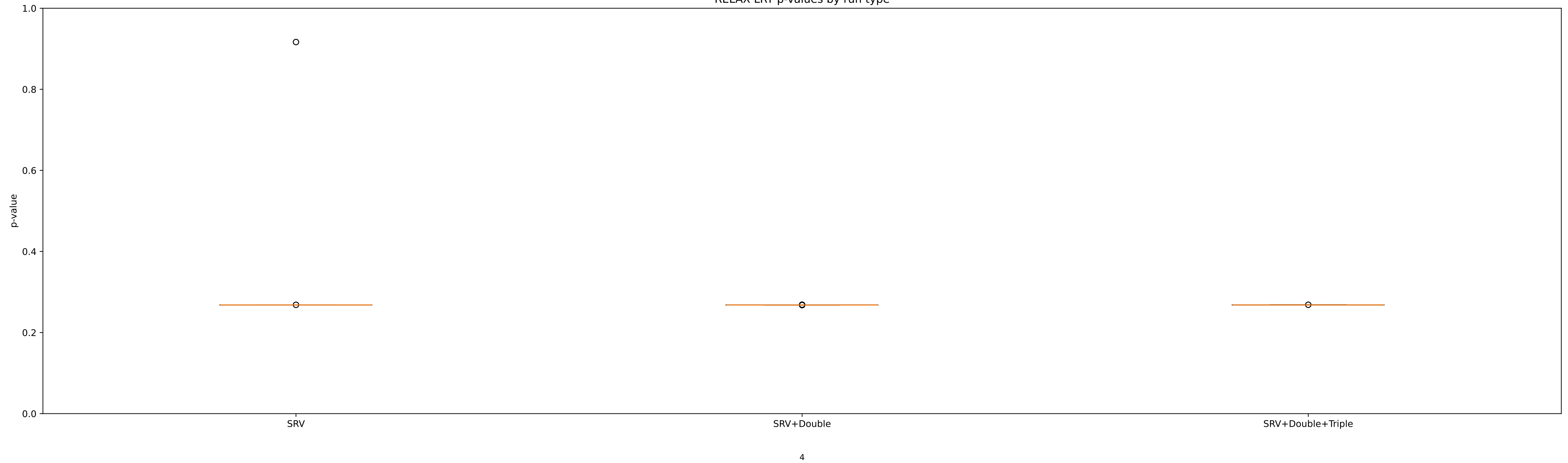
- Run-type summary
- Boxplots: K, p-values, 2H/3H
- Full omega/SRV/multihit tables (column-paged)

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
0.2681	0.268	0.9166	1.595	1.34	1.6	0.2889	0.1396	10	nan	nan
0.268	0.2676	0.2686	1.595	1.59	1.6	0.2879	0.1393	10	0.0	0.0
0.2681	0.268	0.2685	1.59	1.59	1.6	0.2884	0.1394	10	0.0	0.0

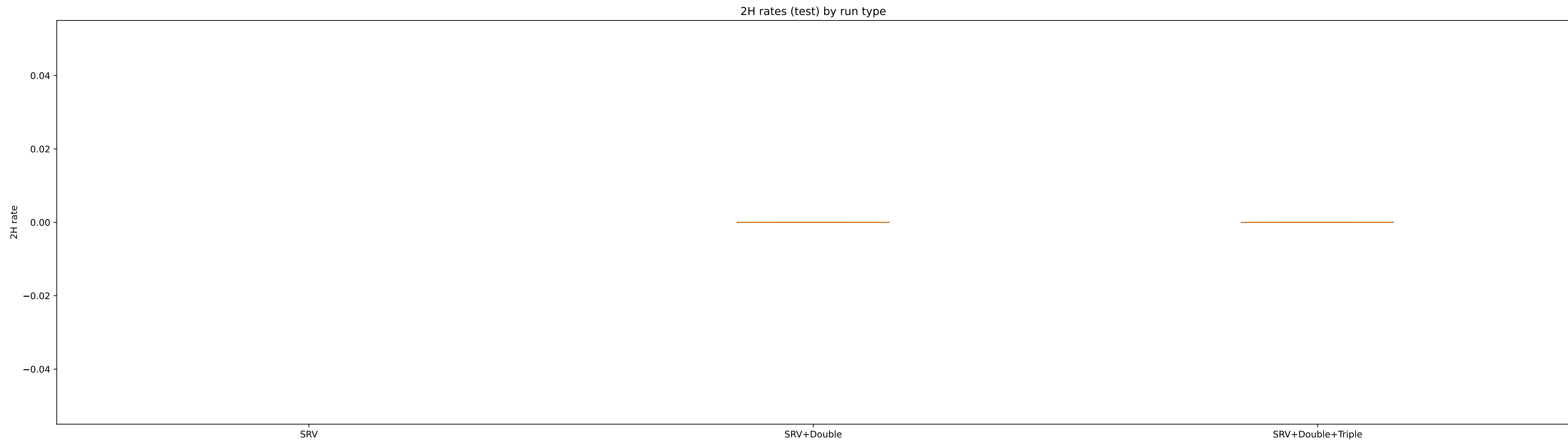


RELAX LRT p-values by run type

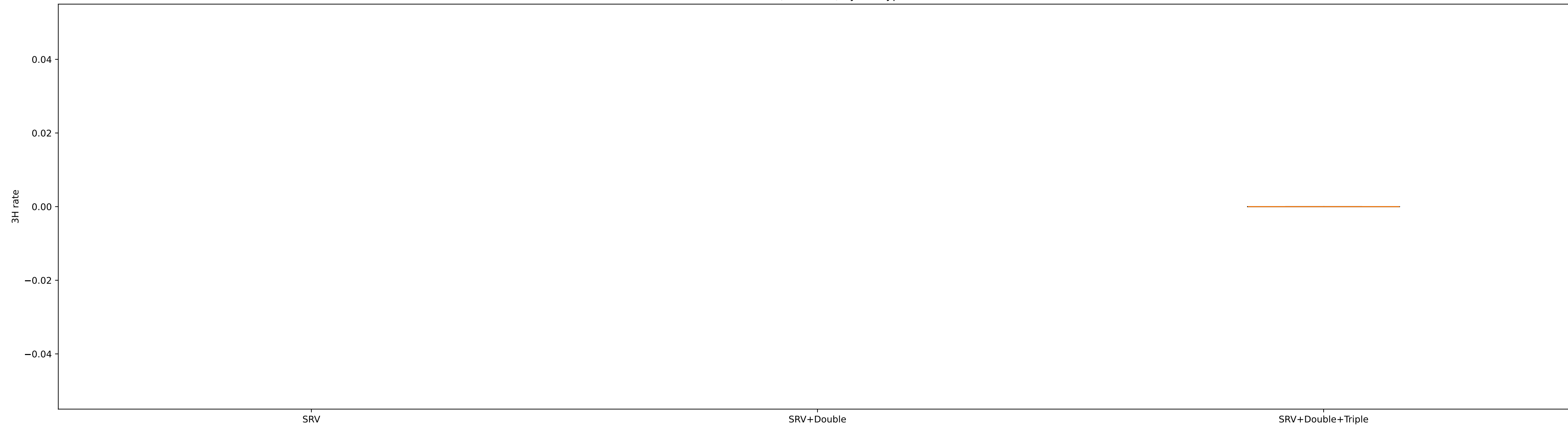


2H rates (reference) by run type

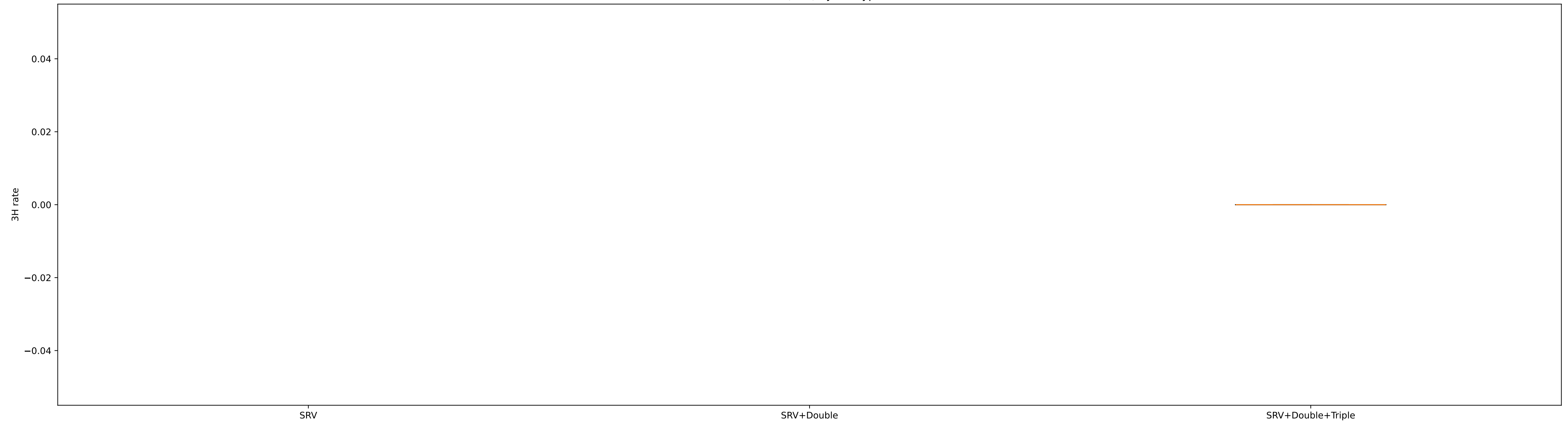




3H rates (reference) by run type



3H rates (test) by run type



	replicate	p_value	K_alt	global_dNdS_reference	global_dNdS_test	
	1	0.2681	1.6	0.2879	0.1393	
	2	0.268	1.59	0.2891	0.1396	
	3	0.268	1.59	0.2875	0.1395	
	4	0.268	1.6	0.2889	0.1396	
	5	0.2681	1.6	0.2882	0.1394	
	6	0.9166	1.34	0.2882	0.1394	
	7	0.2681	1.6	0.2889	0.1396	
	8	0.2684	1.59	0.2889	0.1396	
	9	0.2681	1.6	0.2889	0.1396	
	10	0.2682	1.59	0.2889	0.1396	

	replicate	p_value	K_alt	global_dNdS_reference	global_dNdS_test	
	1	0.2679	1.6	0.2879	0.1393	
	2	0.2679	1.59	0.2879	0.1393	
	3	0.2677	1.6	0.2879	0.1393	
	4	0.2679	1.6	0.2889	0.1396	
	5	0.268	1.6	0.2875	0.1396	
	6	0.268	1.59	0.2879	0.1393	
	7	0.2681	1.59	0.2879	0.1393	
	8	0.2686	1.59	0.2889	0.1396	
	9	0.2676	1.59	0.2883	0.1395	
	10	0.2686	1.6	0.2879	0.1393	

	replicate	p_value	K_alt	global_dNdS_reference	global_dNdS_test	
	1	0.2681	1.6	0.2889	0.1396	
	2	0.2683	1.6	0.2879	0.1393	
	3	0.2681	1.59	0.2879	0.1393	
	4	0.268	1.6	0.2889	0.1396	
	5	0.2681	1.59	0.2879	0.1393	
	6	0.2684	1.59	0.2874	0.1393	
	7	0.2685	1.6	0.2891	0.1396	
	8	0.2681	1.59	0.2879	0.1393	
	9	0.2681	1.59	0.2889	0.1396	
	10	0.268	1.59	0.2892	0.1395	

	test	Negative selection	0.0	0.0	SRV+Double	
	test	Negative selection	0.135	100.0	SRV+Double	
	test	Negative selection	0.0	0.0	SRV+Double	
	test	Negative selection	0.285	100.0	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		0.267	100.0	SRV+Double
	test	Diversifying selection		1.654	0.0	SRV+Double
	test	Negative selection		0.002	0.0	SRV+Double
	test	Negative selection		0.267	100.0	SRV+Double
	reference	Diversifying selection		7.187	0.0	SRV+Double
	reference	Negative selection		0.276	13.134	SRV+Double
	reference	Negative selection		0.286	86.866	SRV+Double
	test	Diversifying selection		23.269	0.0	SRV+Double
	test	Diversifying selection		7.187	0.0	SRV+Double
	test	Negative selection		0.128	13.134	SRV+Double
	test	Negative selection		0.136	86.866	SRV+Double
	test	Negative selection		0.276	13.134	SRV+Double
	test	Negative selection		0.286	86.866	SRV+Double
	reference	Diversifying selection		1.449	0.0	SRV+Double
	reference	Negative selection		0.246	11.715	SRV+Double
	reference	Negative selection		0.269	88.285	SRV+Double
	test	Diversifying selection		1.449	0.0	SRV+Double
	test	Negative selection		0.246	11.715	SRV+Double
	test	Negative selection		0.269	88.285	SRV+Double
	reference	Diversifying selection		7.224	0.0	SRV+Double
	reference	Negative selection		0.269	1.89	SRV+Double
	reference	Negative selection		0.285	98.11	SRV+Double
	test	Diversifying selection		23.287	0.0	SRV+Double
	test	Diversifying selection		7.224	0.0	SRV+Double
	test	Negative selection		0.124	1.89	SRV+Double
	test	Negative selection		0.135	98.11	SRV+Double
	test	Negative selection		0.269	1.89	SRV+Double
	test	Negative selection		0.285	98.11	SRV+Double
	reference	Diversifying selection		1.463	0.0	SRV+Double
	reference	Negative selection		0.266	100.0	SRV+Double
	reference	Negative selection		0.279	0.0	SRV+Double
	test	Diversifying selection		1.463	0.0	SRV+Double
	test	Negative selection		0.266	100.0	SRV+Double
	test	Negative selection		0.279	0.0	SRV+Double
	reference	Diversifying selection		7.699	0.0	SRV+Double
	reference	Negative selection		0.264	16.725	SRV+Double
	reference	Negative selection		0.289	83.275	SRV+Double
	test	Diversifying selection		25.864	0.0	SRV+Double
	test	Diversifying selection		7.699	0.0	SRV+Double
	test	Negative selection		0.119	16.725	SRV+Double
	test	Negative selection		0.138	83.275	SRV+Double
	test	Negative selection		0.264	16.725	SRV+Double
	test	Negative selection		12 0.289	83.275	SRV+Double
	reference	Diversifying selection		1.522	0.0	SRV+Double

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

	class_id	syn_rate	proportion_per cent	run_type	
	1	0.0	23.574	SRV	
	2	0.0	31.545	SRV	
	3	2.228	44.88	SRV	
	1	0.0	55.117	SRV	
	2	0.002	0.0	SRV	
	3	2.228	44.883	SRV	
	1	0.0	50.083	SRV	
	2	0.0	5.032	SRV	
	3	2.228	44.885	SRV	
	1	0.0	55.124	SRV	
	2	0.0	0.0	SRV	
	3	2.228	44.876	SRV	
	1	0.0	28.424	SRV	
	2	0.0	26.695	SRV	
	3	2.228	44.881	SRV	
	1	0.0	22.704	SRV	
	2	0.0	32.487	SRV	
	3	2.232	44.809	SRV	
	1	0.0	29.344	SRV	
	2	0.0	25.773	SRV	
	3	2.228	44.883	SRV	
	1	0.0	55.119	SRV	
	2	0.0	0.0	SRV	
	3	2.228	44.881	SRV	
	1	0.0	26.931	SRV	
	2	0.0	28.191	SRV	
	3	2.228	44.877	SRV	
	1	0.0	55.121	SRV	
	2	0.0	0.0	SRV	
	3	2.228	44.879	SRV	

