

RELAX Combined Report

SRV vs SRV+Double vs SRV+Double+Triple

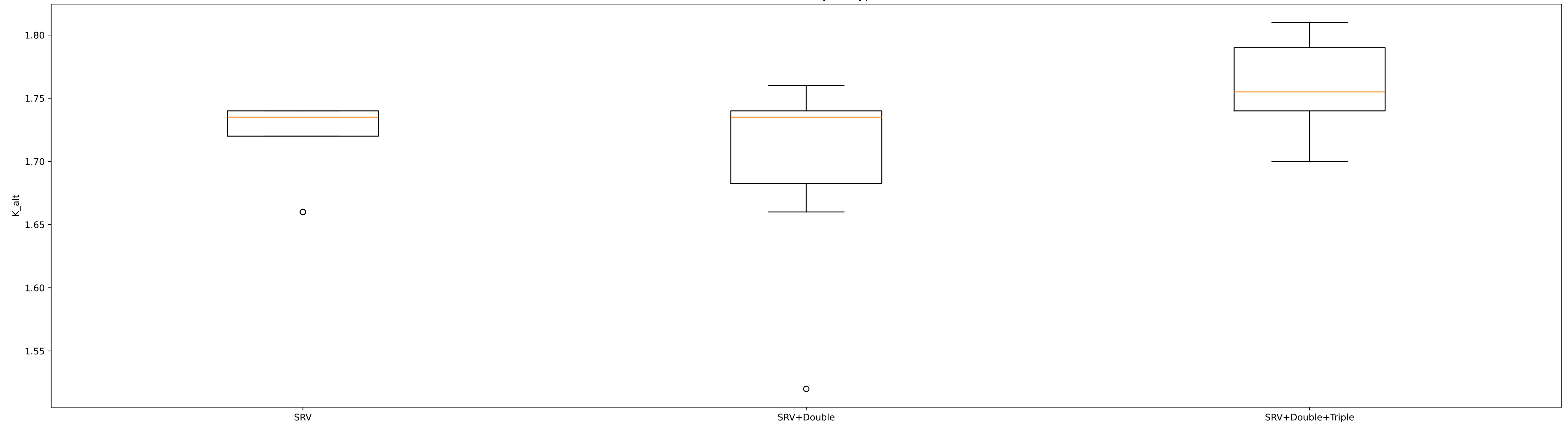
Includes:

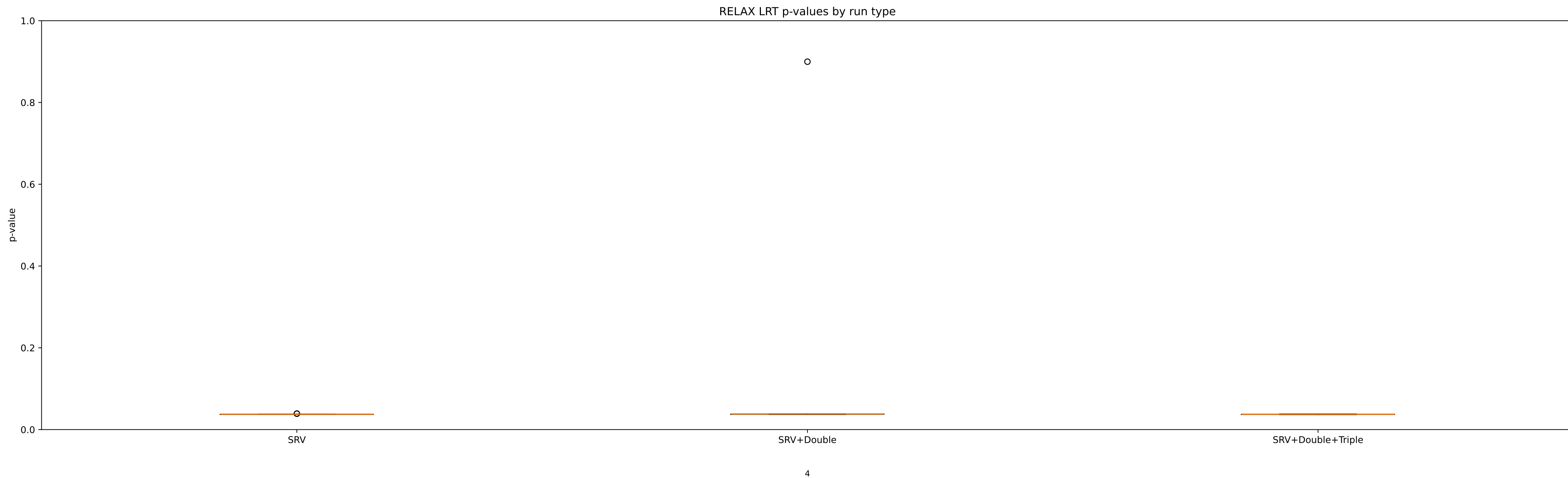
- Run-type summary
- Boxplots: K, p-values, 2H/3H
- Full omega/SRV/multihit tables (column-paged)

Run-type summary statistics

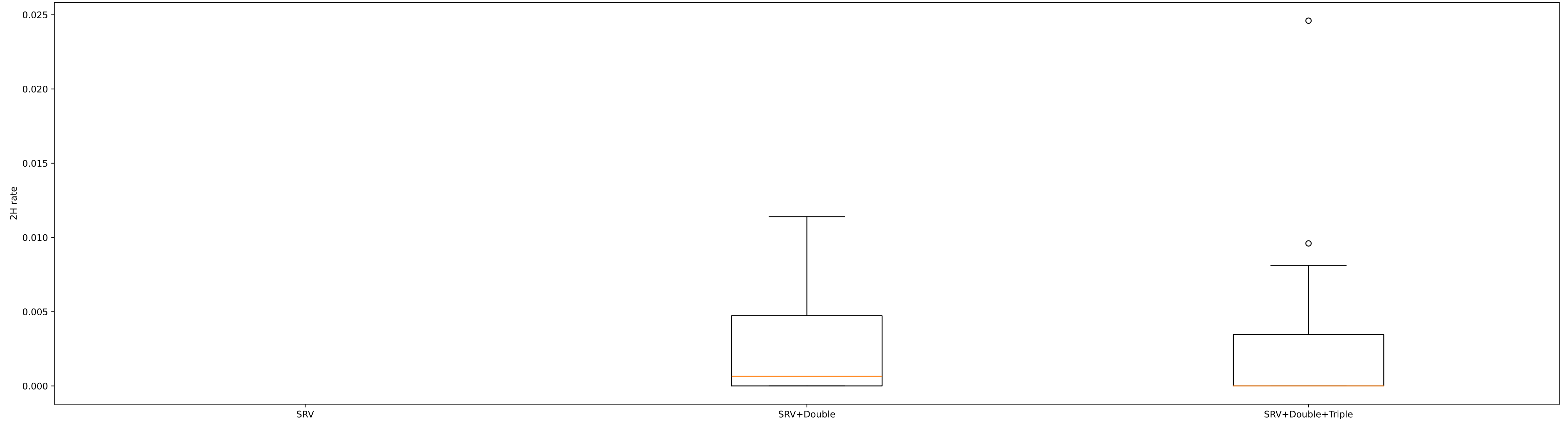
p_median	p_min	p_max	K_median	K_min	K_max	omega_ref_med ian	omega_test_med ian	warnings_count	2H_reference_m edian	2H_test_median
0.0373	0.0369	0.0392	1.735	1.66	1.74	0.1813	0.056	10	nan	nan
0.038	0.0371	0.8998	1.735	1.52	1.76	0.1813	0.056	10	0.0006	0.0
0.0371	0.0366	0.038	1.755	1.7	1.81	0.1813	0.056	10	0.0	0.0

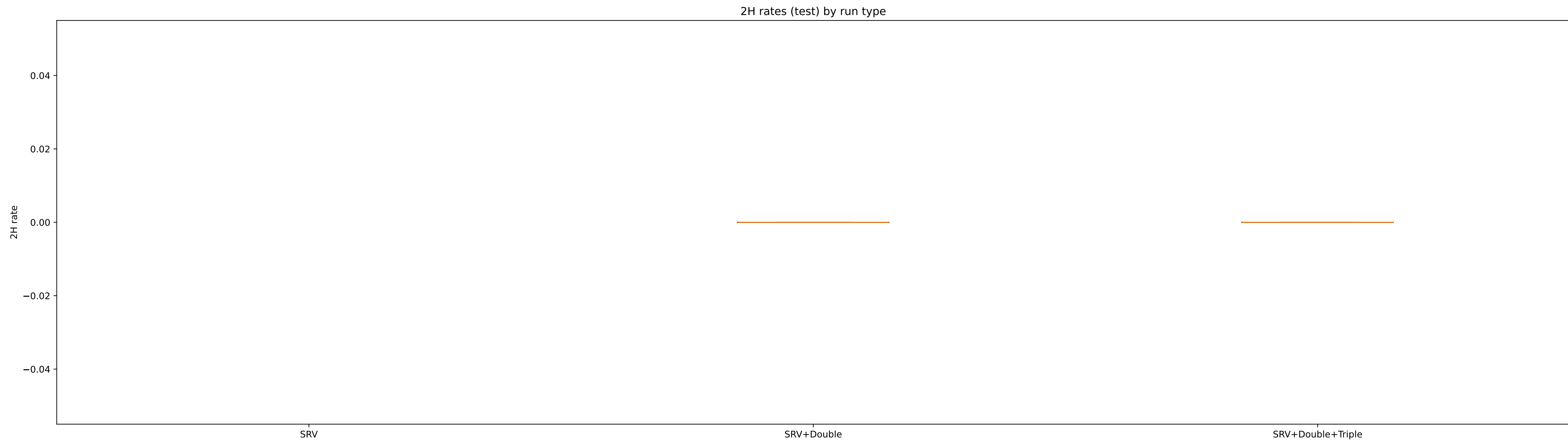
K (alternative) by run type



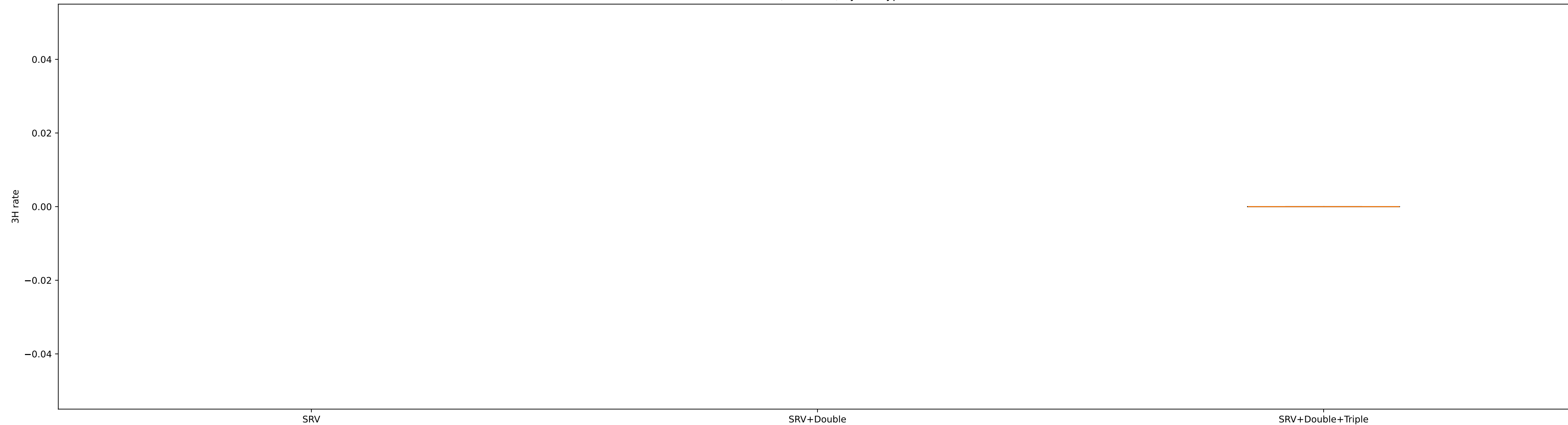


2H rates (reference) by run type

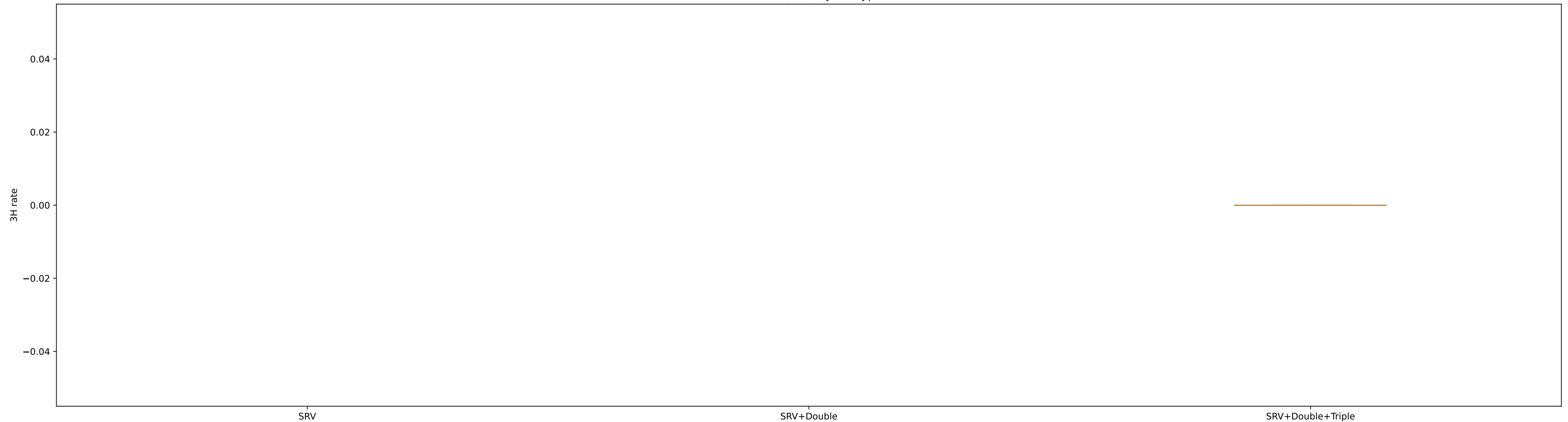




3H rates (reference) by run type



3H rates (test) by run type



	replicate	p_value	K_alt	global_dNdS_reference	global_dNdS_test	
	1	0.0388	1.66	0.1813	0.056	
	2	0.0375	1.74	0.1813	0.056	
	3	0.0376	1.74	0.1813	0.056	
	4	0.037	1.73	0.1813	0.056	
	5	0.0392	1.66	0.1813	0.056	
	6	0.0372	1.74	0.1813	0.056	
	7	0.037	1.72	0.1813	0.056	
	8	0.0376	1.74	0.1813	0.056	
	9	0.037	1.72	0.1813	0.056	
	10	0.0369	1.74	0.1813	0.056	

	replicate	p_value	K_alt	global_dNdS_reference	global_dNdS_test	
	1	0.0378	1.74	0.1813	0.056	
	2	0.0371	1.75	0.1814	0.056	
	3	0.0376	1.74	0.1813	0.056	
	4	0.8998	1.52	0.1813	0.056	
	5	0.0373	1.76	0.1813	0.056	
	6	0.0383	1.73	0.1813	0.056	
	7	0.0381	1.67	0.1813	0.056	
	8	0.0382	1.72	0.1813	0.056	
	9	0.0383	1.66	0.1813	0.056	
	10	0.0371	1.74	0.1813	0.056	

	replicate	p_value	K_alt	global_dNdS_reference	global_dNdS_test	
	1	0.0367	1.8	0.1813	0.0559	
	2	0.0368	1.8	0.1813	0.056	
	3	0.0376	1.7	0.1813	0.0559	
	4	0.038	1.71	0.1813	0.056	
	5	0.0378	1.74	0.1813	0.056	
	6	0.0373	1.74	0.1813	0.056	
	7	0.0371	1.75	0.1813	0.056	
	8	0.0371	1.76	0.1813	0.056	
	9	0.037	1.76	0.1813	0.056	
	10	0.0366	1.81	0.1813	0.056	

	test	Negative s election	0.017	5.5	SRV+Double	
	test	Negative s election	0.057	94.5	SRV+Double	
	test	Negative s election	0.151	94.5	SRV+Double	
	test	Negative s election	0.587	5.5	SRV+Double	
	reference	Diversifyi ng selecti on	Ω-class distributions (all) (cols 1-7/7)		0.0	SRV+Double
	reference	Negative s election	0.089	61.139	SRV+Double	
	reference	Negative s election	0.312	38.861	SRV+Double	
	test	Diversifyi ng selecti on	1.371	0.0	SRV+Double	
	test	Negative s election	0.089	61.139	SRV+Double	
	test	Negative s election	0.312	38.861	SRV+Double	
	reference	Diversifyi ng selecti on	1.023	0.0	SRV+Double	
	reference	Negative s election	0.147	92.725	SRV+Double	
	reference	Negative s election	0.53	7.275	SRV+Double	
	test	Diversifyi ng selecti on	1.041	0.0	SRV+Double	
	test	Diversifyi ng selecti on	1.023	0.0	SRV+Double	
	test	Negative s election	0.034	92.725	SRV+Double	
	test	Negative s election	0.326	7.275	SRV+Double	
	test	Negative s election	0.147	92.725	SRV+Double	
	test	Negative s election	0.53	7.275	SRV+Double	
	reference	Diversifyi ng selecti on	1.006	0.0	SRV+Double	
	reference	Negative s election	0.144	92.193	SRV+Double	
	reference	Negative s election	0.458	7.807	SRV+Double	
	test	Diversifyi ng selecti on	1.006	0.0	SRV+Double	
	test	Negative s election	0.144	92.193	SRV+Double	
	test	Negative s election	0.458	7.807	SRV+Double	
	reference	Negative s election	0.07	3.241	SRV+Double	
	reference	Negative s election	0.168	95.539	SRV+Double	
	reference	Neutral ev olution	1.0	1.22	SRV+Double	
	test	Negative s election	0.01	3.241	SRV+Double	
	test	Negative s election	0.045	95.539	SRV+Double	
	test	Negative s election	0.07	3.241	SRV+Double	
	test	Negative s election	0.168	95.539	SRV+Double	
	test	Neutral ev olution	1.0	1.22	SRV+Double	
	test	Neutral ev olution	1.0	1.22	SRV+Double	
	reference	Negative s election	0.166	99.32	SRV+Double	
	reference	Negative s election	0.254	0.588	SRV+Double	
	reference	Neutral ev olution	1.0	0.092	SRV+Double	
	test	Negative s election	0.166	99.32	SRV+Double	
	test	Negative s election	0.254	0.588	SRV+Double	
	test	Neutral ev olution	1.0	0.092	SRV+Double	
	reference	Diversifyi ng selecti on	11.577	0.0	SRV+Double	
	reference	Negative s election	0.16	78.489	SRV+Double	
	reference	Negative s election	0.225	21.511	SRV+Double	
	test	Diversifyi ng selecti on	59.378	0.0	SRV+Double	
	test	Diversifyi ng selecti on	11.577	0.0	SRV+Double	
	test	Negative s election	0.047	78.489	SRV+Double	
	test	Negative s election	0.083	21.511	SRV+Double	
	test	Negative s election	0.16	78.489	SRV+Double	
	test	Negative s election	0.225	21.511	SRV+Double	
	reference	Diversifyi ng selecti on	1.841	0.0	SRV+Double	

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

	class_id	syn_rate	proportion_per cent	run_type	
	1	0.284	30.81	SRV	
	2	0.455	26.289	SRV	
	3	1.848	42.901	SRV	
	1	0.262	29.869	SRV	
	2	0.487	27.595	SRV	
	3	1.851	42.536	SRV	
	1	0.31	49.76	SRV	
	2	1.001	12.029	SRV	
	3	1.898	38.211	SRV	
	1	0.319	45.21	SRV	
	2	0.51	11.504	SRV	
	3	1.841	43.286	SRV	
	1	0.265	22.785	SRV	
	2	0.422	34.019	SRV	
	3	1.843	43.196	SRV	
	1	0.277	27.102	SRV	
	2	0.433	29.648	SRV	
	3	1.842	43.25	SRV	
	1	0.227	25.999	SRV	
	2	0.511	32.552	SRV	
	3	1.868	41.449	SRV	
	1	0.274	29.814	SRV	
	2	0.463	27.309	SRV	
	3	1.847	42.877	SRV	
	1	0.262	24.584	SRV	
	2	0.438	32.446	SRV	
	3	1.846	42.97	SRV	
	1	0.29	32.18	SRV	
	2	0.45	24.684	SRV	
	3	1.844	43.136	SRV	

	reference	2H	0.0014	SRV+Double	
	test	2H	0.0	SRV+Double	
	reference	2H	0.0045	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	0.0048	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	0.0079	SRV+Double+Triple	
	reference	2H	0.0006	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	2H	0.0027	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	0.0096	SRV+Double+Triple	
	reference	2H	0.0047	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	0.0081	SRV+Double+Triple	
	reference	2H	0.0	SRV+Double+Triple	
	reference	3H	0.0	SRV+Double+Triple	
	test	2H	0.0	SRV+Double+Triple	