

RELAX Combined Report

SRV vs SRV+Double vs SRV+Double+Triple

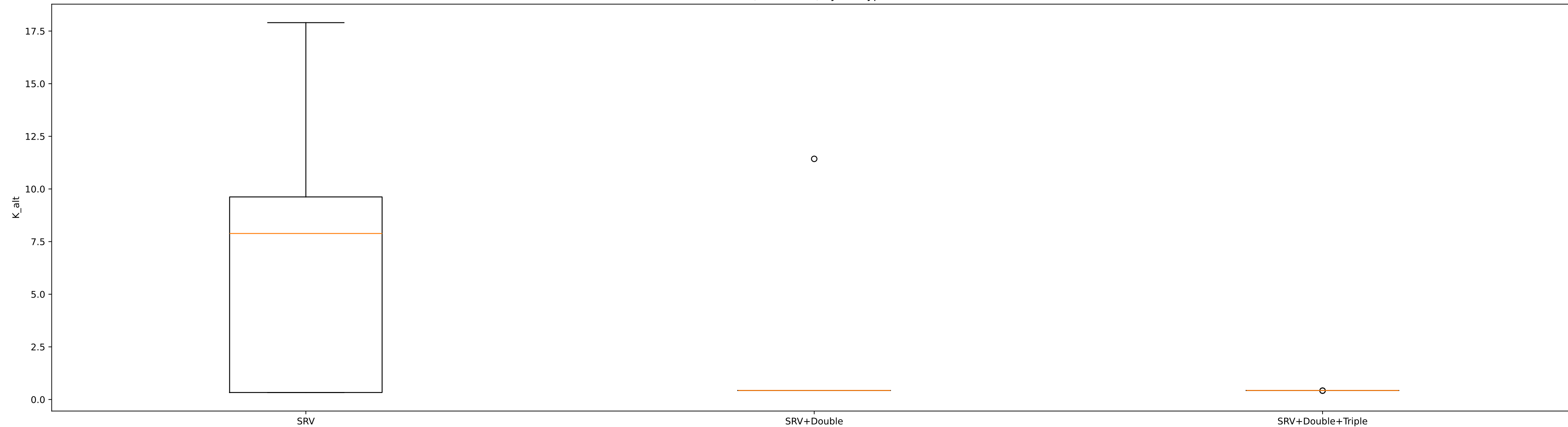
Includes:

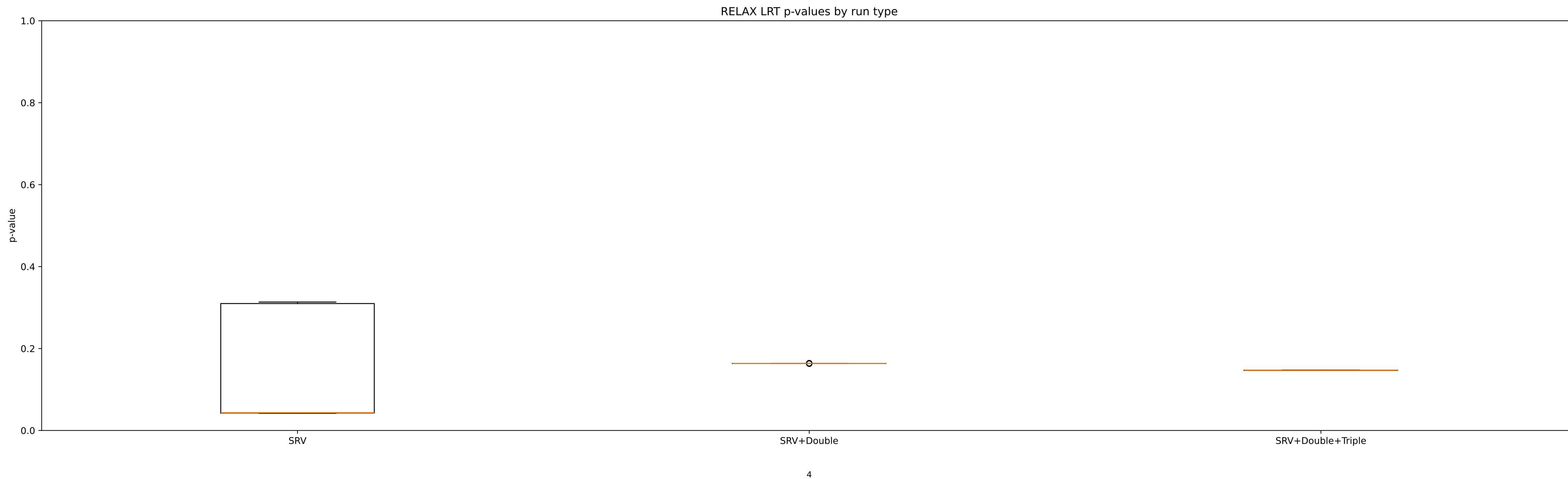
- Run-type summary
- Boxplots: K, p-values, 2H/3H
- Full omega/SRV/multihit tables (column-paged)

Run-type summary statistics

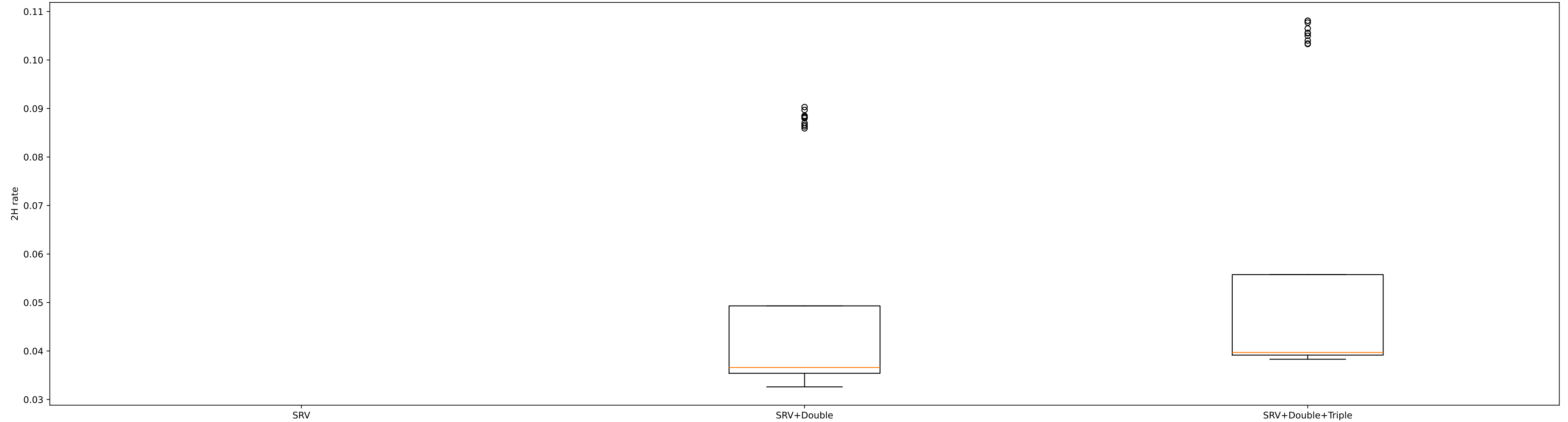
p_median	p_min	p_max	K_median	K_min	K_max	omega_ref_med ian	omega_test_med ian	warnings_count	2H_reference_m edian	2H_test_median
0.0435	0.0419	0.3135	7.885	0.33	17.9	0.2349	0.6083	10	nan	nan
0.1636	0.163	0.1642	0.43	0.43	11.43	0.2349	0.6092	10	0.0366	0.2512
0.147	0.1467	0.1474	0.43	0.42	0.43	0.2349	0.6091	10	0.0397	0.2512

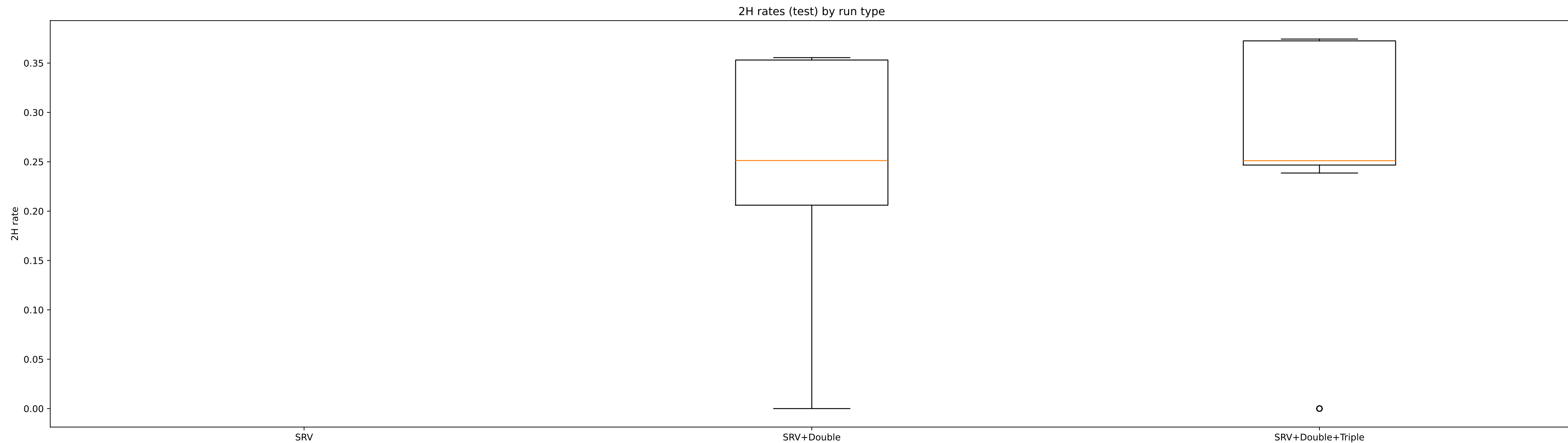
K (alternative) by run type



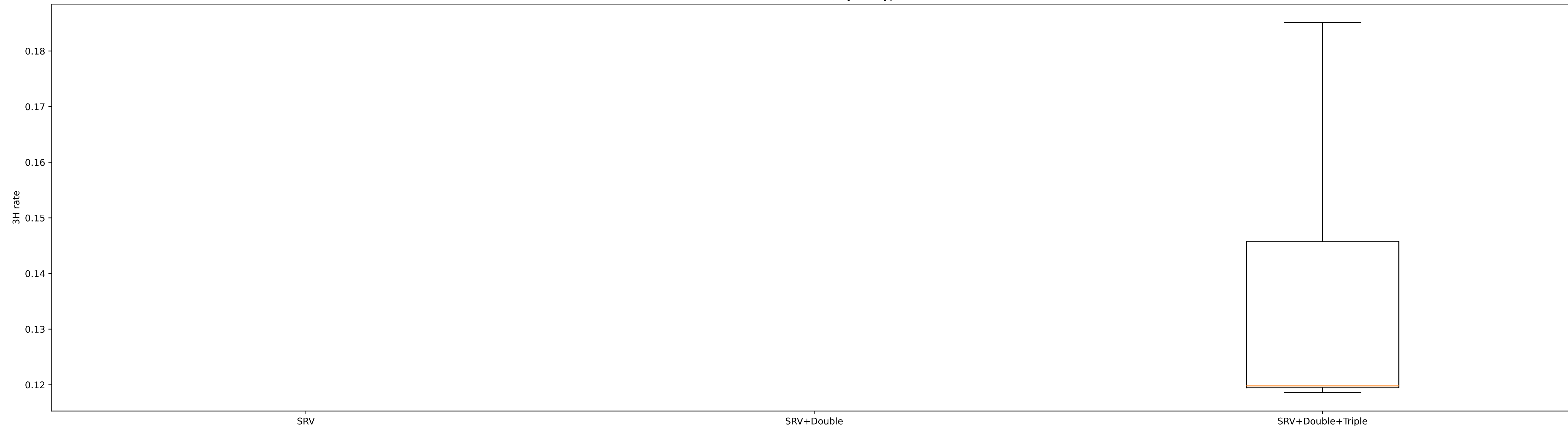


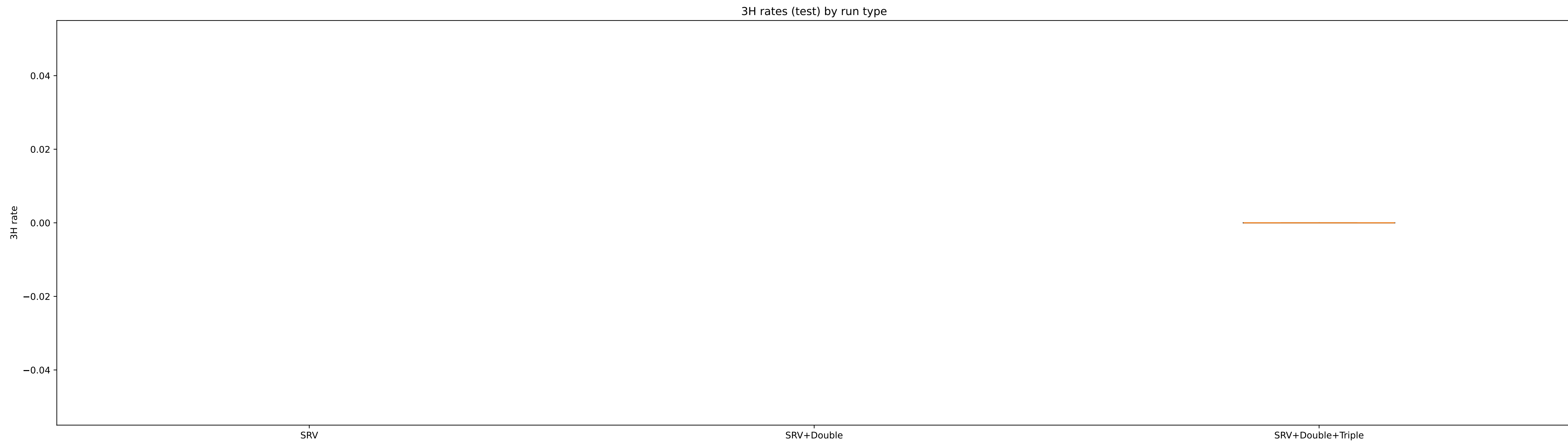
2H rates (reference) by run type





3H rates (reference) by run type





	replicate	p_value	K_alt	global_dNdS_reference	global_dNdS_test	
	1	0.0419	9.96	0.2348	0.6124	
	2	0.0443	7.28	0.2351	0.6043	
	3	0.31	0.34	0.2349	0.6124	
	4	0.3095	0.33	0.2351	0.6044	
	5	0.0425	8.61	0.2349	0.6073	
	6	0.0426	16.33	0.2349	0.6117	
	7	0.0427	17.9	0.2349	0.6083	
	8	0.3099	0.33	0.2349	0.6103	
	9	0.3135	0.33	0.235	0.6026	
	10	0.0427	8.49	0.2349	0.6083	

	replicate	p_value	K_alt	global_dNdS_reference	global_dNdS_test	
	1	0.1637	0.43	0.2351	0.6043	
	2	0.1637	0.43	0.2348	0.6122	
	3	0.1636	0.43	0.2351	0.6043	
	4	0.1642	0.43	0.2351	0.6043	
	5	0.1635	0.43	0.2348	0.61	
	6	0.1638	0.43	0.2349	0.6082	
	7	0.1635	0.43	0.2349	0.6124	
	8	0.1636	0.43	0.2349	0.6083	
	9	0.163	0.43	0.2349	0.6124	
	10	0.1633	11.43	0.2349	0.6122	

	replicate	p_value	K_alt	global_dNdS_reference	global_dNdS_test	
	1	0.1471	0.43	0.2348	0.61	
	2	0.1474	0.43	0.2351	0.6044	
	3	0.1469	0.43	0.2348	0.6105	
	4	0.147	0.43	0.2348	0.6082	
	5	0.1467	0.42	0.2352	0.604	
	6	0.1468	0.43	0.2352	0.604	
	7	0.1467	0.43	0.2349	0.6122	
	8	0.1467	0.42	0.2349	0.6124	
	9	0.1471	0.43	0.2351	0.6043	
	10	0.1473	0.43	0.2349	0.6124	

	test	Negative s election	0.489	59.715	SRV+Double	
	test	Negative s election	0.54	40.023	SRV+Double	
	test	Negative s election	0.19	59.715	SRV+Double	
	test	Negative s election	0.239	40.023	SRV+Double	
	reference	Diversifyi ng selecti on	0.297	0.297	SRV+Double	
	reference	Negative s election	0.192	55.962	SRV+Double	
	reference	Negative s election	0.236	43.741	SRV+Double	
	test	Diversifyi ng selecti on	4.821	0.297	SRV+Double	
	test	Negative s election	0.192	55.962	SRV+Double	
	test	Negative s election	0.236	43.741	SRV+Double	
	reference	Diversifyi ng selecti on	4.559	0.281	SRV+Double	
	reference	Negative s election	0.18	34.732	SRV+Double	
	reference	Negative s election	0.226	64.987	SRV+Double	
	test	Diversifyi ng selecti on	1.917	0.281	SRV+Double	
	test	Diversifyi ng selecti on	4.559	0.281	SRV+Double	
	test	Negative s election	0.48	34.732	SRV+Double	
	test	Negative s election	0.528	64.987	SRV+Double	
	test	Negative s election	0.18	34.732	SRV+Double	
	test	Negative s election	0.226	64.987	SRV+Double	
	reference	Diversifyi ng selecti on	4.737	0.305	SRV+Double	
	reference	Negative s election	0.185	38.936	SRV+Double	
	reference	Negative s election	0.228	60.759	SRV+Double	
	test	Diversifyi ng selecti on	4.737	0.305	SRV+Double	
	test	Negative s election	0.185	38.936	SRV+Double	
	test	Negative s election	0.228	60.759	SRV+Double	
	reference	Diversifyi ng selecti on	4.541	0.284	SRV+Double	
	reference	Negative s election	0.178	29.952	SRV+Double	
	reference	Negative s election	0.223	69.765	SRV+Double	
	test	Diversifyi ng selecti on	1.915	0.284	SRV+Double	
	test	Diversifyi ng selecti on	4.541	0.284	SRV+Double	
	test	Negative s election	0.477	29.952	SRV+Double	
	test	Negative s election	0.526	69.765	SRV+Double	
	test	Negative s election	0.178	29.952	SRV+Double	
	test	Negative s election	0.223	69.765	SRV+Double	
	reference	Diversifyi ng selecti on	4.727	0.308	SRV+Double	
	reference	Negative s election	0.185	34.513	SRV+Double	
	reference	Negative s election	0.225	65.179	SRV+Double	
	test	Diversifyi ng selecti on	4.727	0.308	SRV+Double	
	test	Negative s election	0.185	34.513	SRV+Double	
	test	Negative s election	0.225	65.179	SRV+Double	
	reference	Diversifyi ng selecti on	4.513	0.285	SRV+Double	
	reference	Negative s election	0.183	34.212	SRV+Double	
	reference	Negative s election	0.224	65.503	SRV+Double	
	test	Diversifyi ng selecti on	1.91	0.285	SRV+Double	
	test	Diversifyi ng selecti on	4.513	0.285	SRV+Double	
	test	Negative s election	0.482	34.212	SRV+Double	
	test	Negative s election	0.526	65.503	SRV+Double	
	test	Negative s election	0.183	34.212	SRV+Double	
	test	Negative s election	0.224	65.503	SRV+Double	
	reference	Diversifyi ng selecti on	4.728	0.308	SRV+Double	

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

	class_id	syn_rate	proportion_per cent	run_type	
	1	0.12	8.471	SRV	
	2	0.864	82.475	SRV	
	3	3.061	9.054	SRV	
	1	0.12	8.431	SRV	
	2	0.864	82.502	SRV	
	3	3.06	9.067	SRV	
	1	0.119	8.388	SRV	
	2	0.863	82.514	SRV	
	3	3.054	9.098	SRV	
	1	0.121	8.464	SRV	
	2	0.864	82.484	SRV	
	3	3.062	9.052	SRV	
	1	0.122	8.511	SRV	
	2	0.864	82.45	SRV	
	3	3.063	9.039	SRV	
	1	0.121	8.482	SRV	
	2	0.864	82.465	SRV	
	3	3.062	9.052	SRV	
	1	0.124	8.595	SRV	
	2	0.865	82.369	SRV	
	3	3.065	9.036	SRV	
	1	0.12	8.423	SRV	
	2	0.863	82.514	SRV	
	3	3.061	9.063	SRV	
	1	0.121	8.49	SRV	
	2	0.864	82.459	SRV	
	3	3.063	9.051	SRV	
	1	0.121	8.486	SRV	
	2	0.864	82.452	SRV	
	3	3.058	9.061	SRV	

	test	3H	0.0	SRV+Double+Triple	
	reference	2H	0.0388	SRV+Double+Triple	
	reference	2H	0.0395	SRV+Double+Triple	
	reference	3H	0.1197	SRV+Double+Triple	
	reference	3H	0.1194	SRV+Double+Triple	
	test	2H	0.3735	SRV+Double+Triple	
	test	2H	0.0	SRV+Double+Triple	
	test	3H	0.0	SRV+Double+Triple	
	reference	2H	0.1056	SRV+Double+Triple	
	reference	2H	0.0392	SRV+Double+Triple	
	reference	3H	0.1744	SRV+Double+Triple	
	reference	3H	0.1196	SRV+Double+Triple	
	test	2H	0.2512	SRV+Double+Triple	
	test	3H	0.0	SRV+Double+Triple	
	reference	2H	0.0383	SRV+Double+Triple	
	reference	2H	0.0395	SRV+Double+Triple	
	reference	3H	0.1186	SRV+Double+Triple	
	reference	3H	0.1195	SRV+Double+Triple	
	test	2H	0.3729	SRV+Double+Triple	
	test	2H	0.0	SRV+Double+Triple	
	test	3H	0.0	SRV+Double+Triple	
	reference	2H	0.1033	SRV+Double+Triple	
	reference	2H	0.0399	SRV+Double+Triple	
	reference	3H	0.176	SRV+Double+Triple	
	reference	3H	0.1199	SRV+Double+Triple	
	test	2H	0.2511	SRV+Double+Triple	
	test	3H	0.0	SRV+Double+Triple	
	reference	2H	0.0389	SRV+Double+Triple	
	reference	2H	0.0398	SRV+Double+Triple	
	reference	3H	0.1195	SRV+Double+Triple	
	test	2H	0.373	SRV+Double+Triple	
	test	2H	0.2464	SRV+Double+Triple	
	test	3H	0.0	SRV+Double+Triple	
	reference	2H	0.1034	SRV+Double+Triple	
	reference	2H	0.0398	SRV+Double+Triple	
	reference	3H	0.1729	SRV+Double+Triple	
	reference	3H	0.12	SRV+Double+Triple	
	test	2H	0.2513	SRV+Double+Triple	
	test	3H	0.0	SRV+Double+Triple	
	reference	2H	0.039	SRV+Double+Triple	
	reference	2H	0.0398	SRV+Double+Triple	
	reference	3H	0.1195	SRV+Double+Triple	
	reference	3H	0.12	SRV+Double+Triple	
	test	2H	0.3732	SRV+Double+Triple	
	test	2H	0.2475	SRV+Double+Triple	
	test	3H	0.0	SRV+Double+Triple	
	reference	2H	0.1081	SRV+Double+Triple	
	reference	2H	0.0398	SRV+Double+Triple	
	reference	3H	0.1798	SRV+Double+Triple	
			0.0393	SRV+Double+Triple	