

# RELAX Combined Report

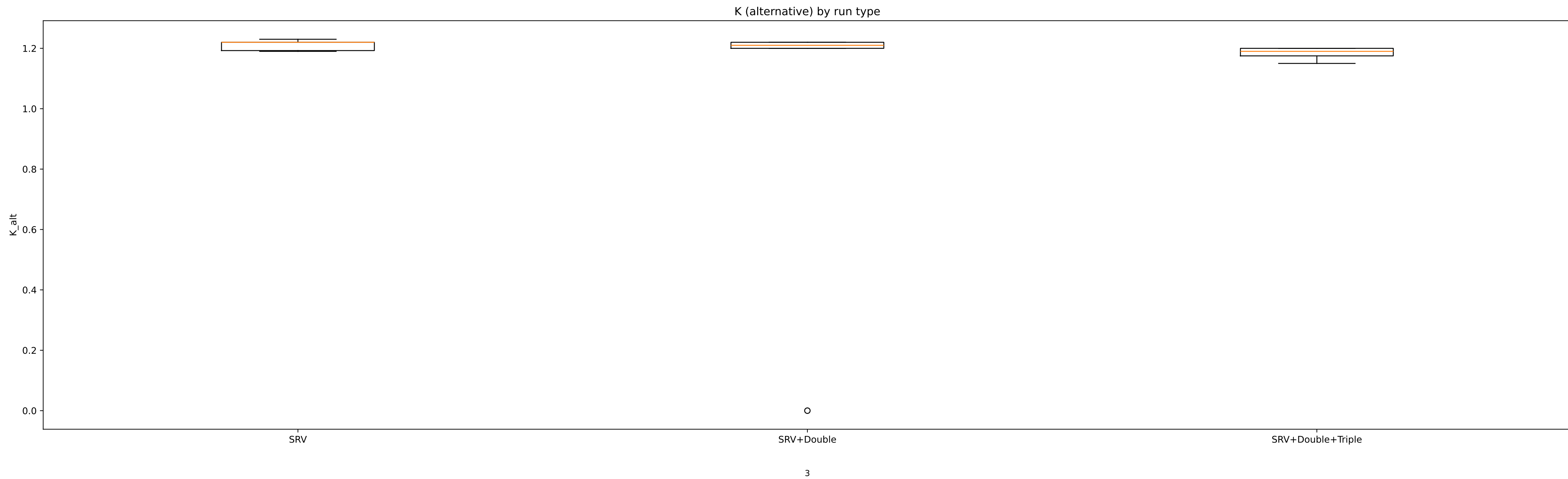
SRV vs SRV+Double vs SRV+Double+Triple

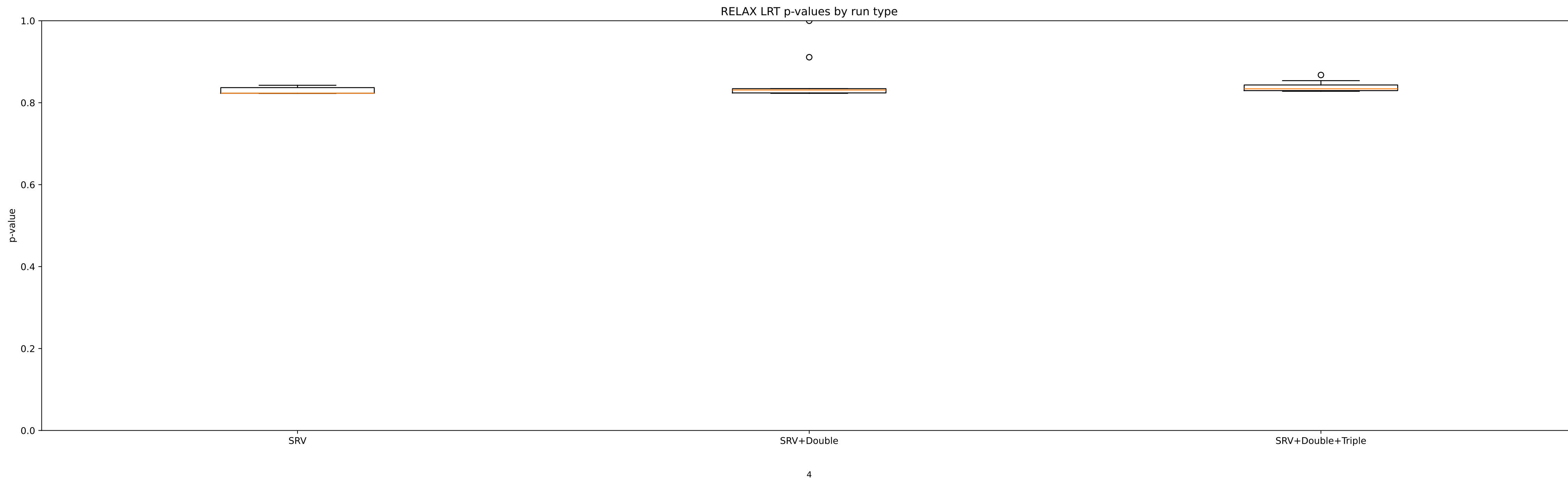
Includes:

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

Run-type summary statistics

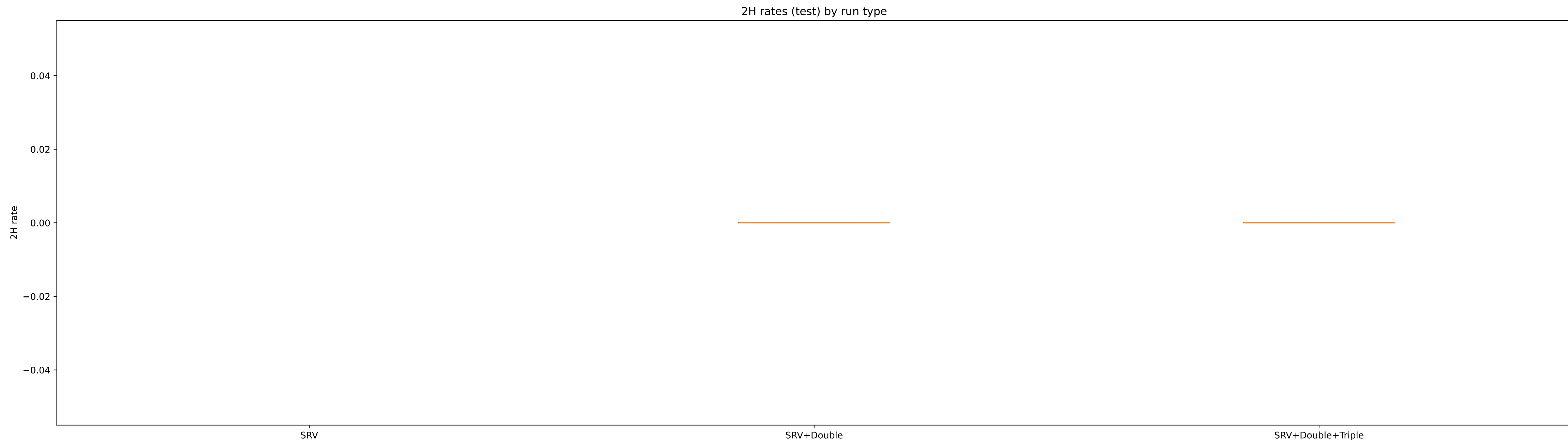
p_median	p_min	p_max	K_median	K_min	K_max	omega_ref_med ian	omega_test_med ian	warnings_count	2H_reference_m edian	2H_test_median
0.8232	0.8226	0.8425	1.22	1.19	1.23	0.2348	0.193	10	nan	nan
0.8309	0.8229	1.0	1.21	0.0	1.22	0.2348	0.1931	10	0.0	0.0
0.8339	0.8279	0.8676	1.19	1.15	1.2	0.2349	0.1931	10	0.0	0.0

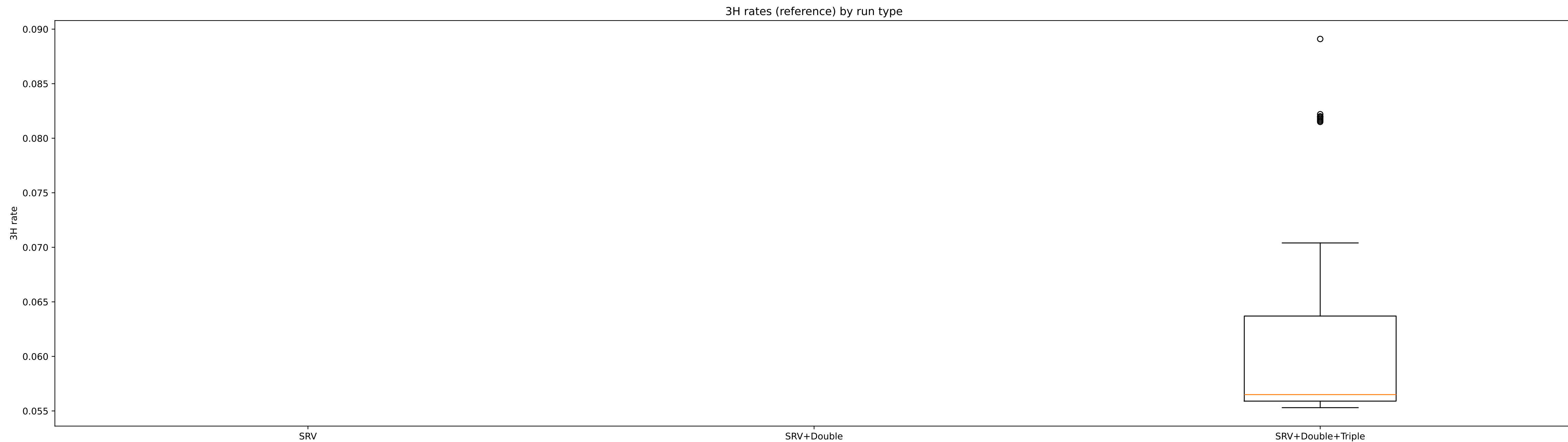




2H rates (reference) by run type











	replicate	p_value	K_alt	global_dNdS_reference	global_dNdS_test	
	1	0.8422	1.19	0.2347	0.1933	
	2	0.8231	1.22	0.2348	0.193	
	3	0.8226	1.23	0.2348	0.193	
	4	0.823	1.22	0.2348	0.193	
	5	0.8425	1.19	0.2348	0.193	
	6	0.8313	1.2	0.2347	0.1929	
	7	0.8386	1.19	0.2348	0.193	
	8	0.8229	1.22	0.2349	0.1931	
	9	0.8233	1.22	0.2348	0.193	
	10	0.8231	1.22	0.2349	0.1931	

	replicate	p_value	K_alt	global_dNdS_reference	global_dNdS_test	
	1	0.8241	1.22	0.2347	0.1933	
	2	0.8306	1.21	0.2349	0.1931	
	3	0.911	1.2	0.2349	0.1931	
	4	0.834	1.21	0.2349	0.1931	
	5	0.8343	1.2	0.2347	0.1933	
	6	0.8229	1.22	0.2347	0.193	
	7	0.8238	1.22	0.2348	0.193	
	8	1.0	0.0	0.2349	0.1931	
	9	0.8231	1.22	0.2349	0.1931	
	10	0.8312	1.2	0.2348	0.193	

	replicate	p_value	K_alt	global_dNdS_reference	global_dNdS_test	
	1	0.8457	1.2	0.2349	0.1931	
	2	0.8538	1.17	0.2349	0.1931	
	3	0.8289	1.2	0.2348	0.193	
	4	0.8341	1.16	0.2349	0.1931	
	5	0.8337	1.15	0.2348	0.193	
	6	0.836	1.19	0.2349	0.1931	
	7	0.8313	1.19	0.2349	0.1931	
	8	0.8289	1.2	0.2349	0.1931	
	9	0.8279	1.2	0.2349	0.1931	
	10	0.8676	1.19	0.2349	0.1931	

	test	Negative s election	0.029	59.674	SRV+Double	
	test	Negative s election	0.435	40.326	SRV+Double	
	test	Negative s election	0.053	59.674	SRV+Double	
	test	Negative s election	0.502	40.326	SRV+Double	
	reference	Diversifyi ng selecti on	Ω-class distributions (all) (cols 1-7/7)	0.0	SRV+Double	
	reference	Negative s election		59.082	SRV+Double	
	reference	Negative s election		40.918	SRV+Double	
	test	Diversifyi ng selecti on		0.0	SRV+Double	
	test	Negative s election		59.082	SRV+Double	
	test	Negative s election		40.918	SRV+Double	
	reference	Diversifyi ng selecti on		0.0	SRV+Double	
	reference	Negative s election		41.026	SRV+Double	
	reference	Negative s election		58.974	SRV+Double	
	test	Diversifyi ng selecti on		0.0	SRV+Double	
	test	Diversifyi ng selecti on	1.002	0.0	SRV+Double	
	test	Negative s election	1.002	0.0	SRV+Double	
	test	Negative s election	0.0	41.026	SRV+Double	
	test	Negative s election	0.325	58.974	SRV+Double	
	test	Negative s election	0.0	41.026	SRV+Double	
	test	Negative s election	0.394	58.974	SRV+Double	
	reference	Diversifyi ng selecti on	1.162	0.0	SRV+Double	
	reference	Negative s election	0.0	41.544	SRV+Double	
	reference	Negative s election	0.397	58.456	SRV+Double	
	test	Diversifyi ng selecti on	1.162	0.0	SRV+Double	
	test	Negative s election	0.0	41.544	SRV+Double	
	test	Negative s election	0.397	58.456	SRV+Double	
	reference	Diversifyi ng selecti on	1.002	0.0	SRV+Double	
	reference	Negative s election	0.0	43.977	SRV+Double	
	reference	Negative s election	0.416	56.023	SRV+Double	
	test	Diversifyi ng selecti on	1.002	0.0	SRV+Double	
	test	Diversifyi ng selecti on	1.002	0.0	SRV+Double	
	test	Negative s election	0.0	43.977	SRV+Double	
	test	Negative s election	0.343	56.023	SRV+Double	
	test	Negative s election	0.0	43.977	SRV+Double	
	test	Negative s election	0.416	56.023	SRV+Double	
	reference	Diversifyi ng selecti on	1.167	0.0	SRV+Double	
	reference	Negative s election	0.0	43.982	SRV+Double	
	reference	Negative s election	0.415	56.018	SRV+Double	
	test	Diversifyi ng selecti on	1.167	0.0	SRV+Double	
	test	Negative s election	0.0	43.982	SRV+Double	
	test	Negative s election	0.415	56.018	SRV+Double	
	reference	Diversifyi ng selecti on	1.002	0.0	SRV+Double	
	reference	Negative s election	0.0	43.877	SRV+Double	
	reference	Negative s election	0.414	56.123	SRV+Double	
	test	Diversifyi ng selecti on	1.003	0.0	SRV+Double	
	test	Diversifyi ng selecti on	1.002	0.0	SRV+Double	
	test	Negative s election	0.0	43.877	SRV+Double	
	test	Negative s election	0.342	56.123	SRV+Double	
	test	Negative s election	0.0	43.877	SRV+Double	
	test	Negative s election	12 0.414	56.123	SRV+Double	
	reference	Diversifyi ng selecti on	1.168	0.0	SRV+Double	

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

	class_id	syn_rate	proportion_per cent	run_type	
	1	0.0	10.127	SRV	
	2	0.943	78.654	SRV	
	3	2.301	11.219	SRV	
	1	0.0	10.109	SRV	
	2	0.942	78.721	SRV	
	3	2.311	11.171	SRV	
	1	0.0	10.026	SRV	
	2	0.936	78.155	SRV	
	3	2.27	11.819	SRV	
	1	0.0	10.114	SRV	
	2	0.943	78.765	SRV	
	3	2.314	11.122	SRV	
	1	0.0	10.127	SRV	
	2	0.944	78.69	SRV	
	3	2.303	11.183	SRV	
	1	0.0	10.129	SRV	
	2	0.944	78.983	SRV	
	3	2.335	10.888	SRV	
	1	0.0	10.135	SRV	
	2	0.944	78.743	SRV	
	3	2.308	11.122	SRV	
	1	0.0	10.113	SRV	
	2	0.943	78.743	SRV	
	3	2.312	11.144	SRV	
	1	0.0	10.111	SRV	
	2	0.942	78.702	SRV	
	3	2.31	11.186	SRV	
	1	0.0	10.108	SRV	
	2	0.942	78.729	SRV	
	3	2.311	11.163	SRV	

	reference	2H	0.0	SRV+Double+Triple	
	reference	3H	0.0553	SRV+Double+Triple	
	reference	3H	0.0555	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	0.0891	SRV+Double+Triple	
	reference	3H	0.0562	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	0.0561	SRV+Double+Triple	
	reference	3H	0.0556	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	0.082	SRV+Double+Triple	
	reference	3H	0.0566	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	0.0566	SRV+Double+Triple	
	reference	3H	0.0565	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	0.0817	SRV+Double+Triple	
	reference	3H	0.0562	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	0.0564	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	0.082	SRV+Double+Triple	
	reference	3H	0.0568	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	0.0569	SRV+Double+Triple	
	reference	3H	0.0568	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	0.0816	SRV+Double+Triple	
	reference	3H	0.0555	SRV+Double+Triple	
	test	2H	0.0	SRV+Double+Triple	
	test	3H	0.0	SRV+Double+Triple	