

RELAX Combined Report

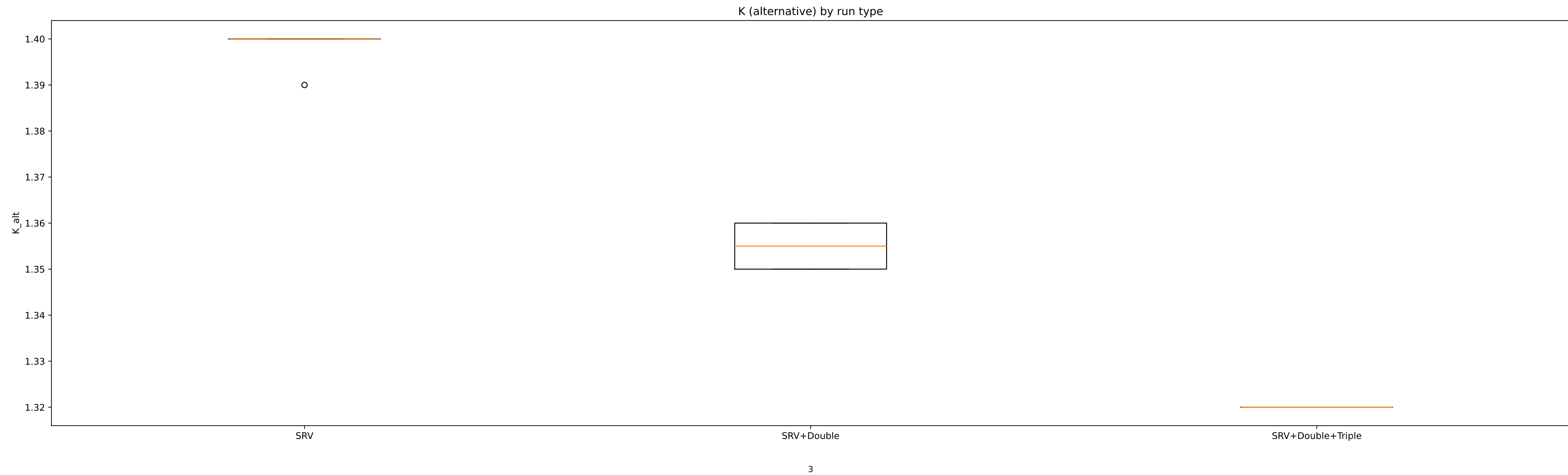
SRV vs SRV+Double vs SRV+Double+Triple

Includes:

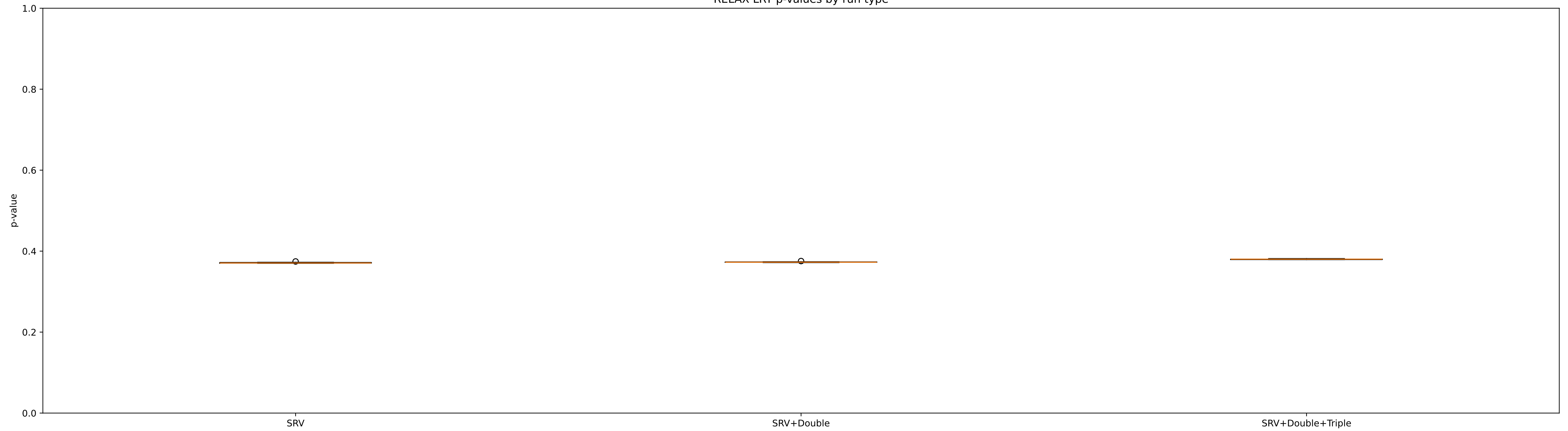
- Run-type summary
- Boxplots: K, p-values, 2H/3H
- Full omega/SRV/multihit tables (column-paged)

Run-type summary statistics

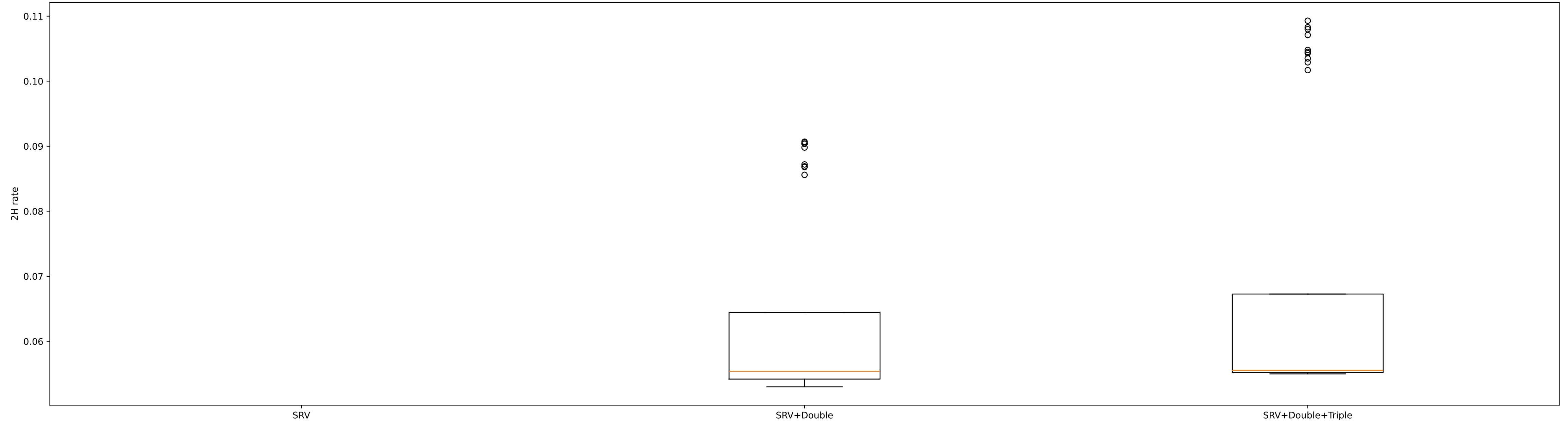
p_median	p_min	p_max	K_median	K_min	K_max	omega_ref_med ian	omega_test_med ian	warnings_count	2H_reference_m edian	2H_test_median
0.3707	0.3699	0.3745	1.4	1.39	1.4	0.2386	0.1393	10	nan	nan
0.3727	0.3717	0.3755	1.355	1.35	1.36	0.2385	0.1393	10	0.0554	0.0
0.3802	0.379	0.3816	1.32	1.32	1.32	0.2385	0.1393	10	0.0556	0.0

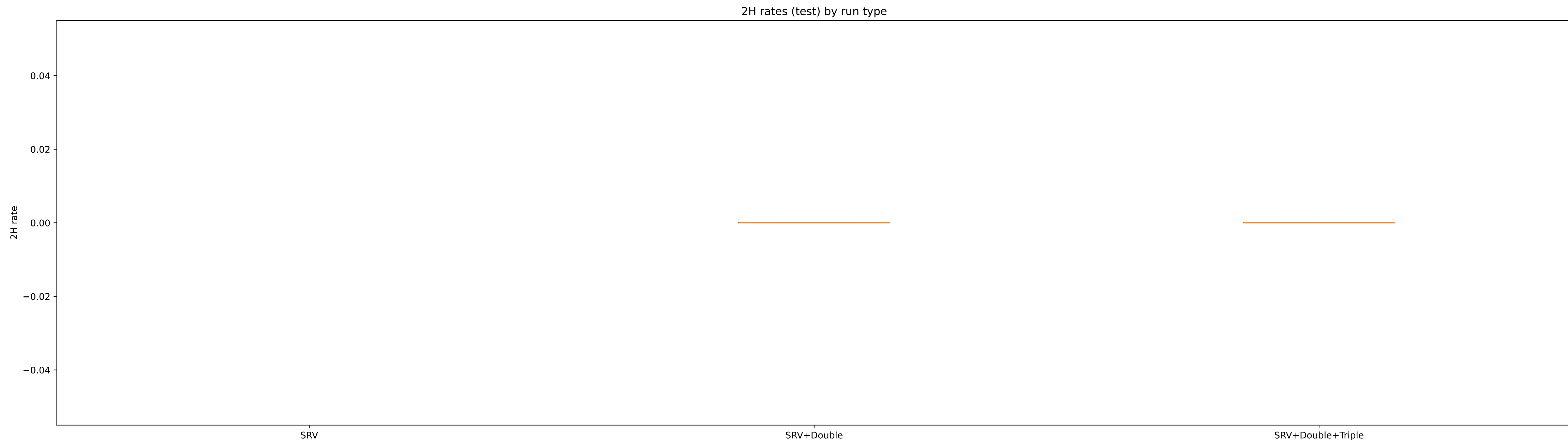


RELAX LRT p-values by run type

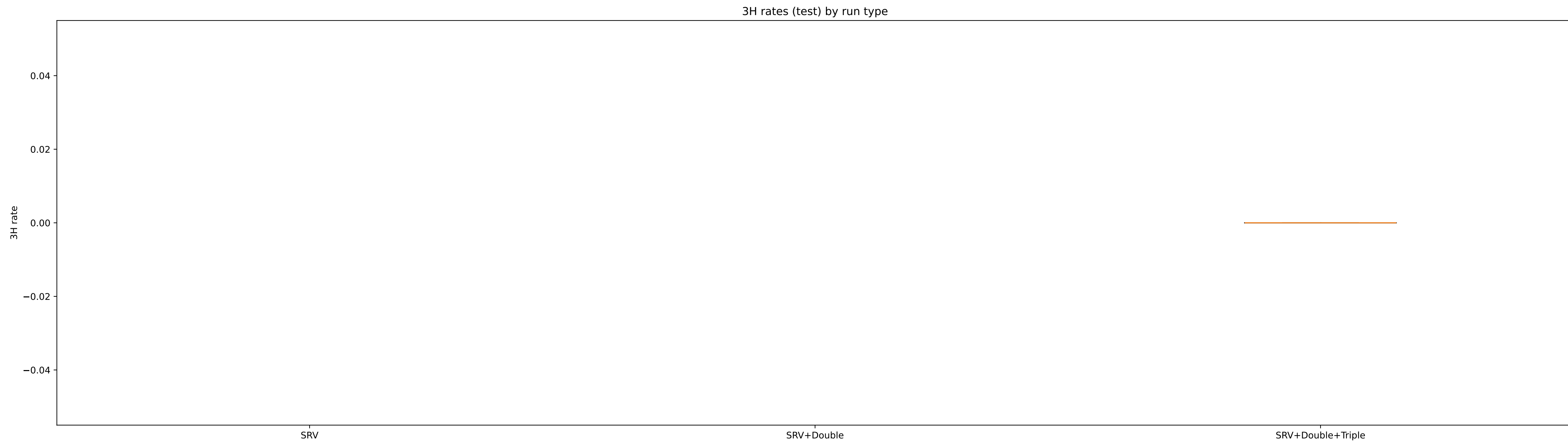


2H rates (reference) by run type





3H rates (reference) by run type



	replicate	p_value	K_alt	global_dNdS_reference	global_dNdS_test	
	1	0.3703	1.4	0.2386	0.1393	
	2	0.3705	1.4	0.2384	0.139	
	3	0.3716	1.4	0.2385	0.1396	
	4	0.3699	1.4	0.2387	0.1393	
	5	0.3724	1.4	0.2385	0.1394	
	6	0.3745	1.39	0.2385	0.1392	
	7	0.3721	1.4	0.2386	0.1395	
	8	0.3709	1.4	0.2387	0.1393	
	9	0.3703	1.4	0.2387	0.1393	
	10	0.3705	1.4	0.2384	0.139	

	replicate	p_value	K_alt	global_dNdS_reference	global_dNdS_test	
	1	0.3725	1.35	0.2385	0.1392	
	2	0.3724	1.35	0.2386	0.1393	
	3	0.3735	1.36	0.2386	0.1395	
	4	0.3728	1.36	0.2387	0.1393	
	5	0.3717	1.35	0.2385	0.1392	
	6	0.3729	1.36	0.2387	0.1393	
	7	0.3726	1.35	0.2385	0.1392	
	8	0.3725	1.35	0.2383	0.1394	
	9	0.3755	1.36	0.2385	0.1392	
	10	0.3738	1.36	0.2385	0.1394	

	replicate	p_value	K_alt	global_dNdS_reference	global_dNdS_test	
	1	0.3803	1.32	0.2385	0.1396	
	2	0.379	1.32	0.2388	0.1396	
	3	0.379	1.32	0.2384	0.139	
	4	0.3801	1.32	0.2386	0.1393	
	5	0.3816	1.32	0.2385	0.1396	
	6	0.3804	1.32	0.2383	0.1393	
	7	0.3802	1.32	0.2389	0.1393	
	8	0.3812	1.32	0.2386	0.1395	
	9	0.379	1.32	0.2384	0.139	
	10	0.3796	1.32	0.2384	0.139	

	test	Negative s election	0.105	29.617	SRV+Double	
	test	Negative s election	0.131	70.208	SRV+Double	
	test	Negative s election	0.19	29.617	SRV+Double	
	test	Negative s election	0.224	70.208	SRV+Double	
	reference	Diversifyi ng selecti on	0.163	0.163	SRV+Double	
	reference	Negative s election	0.194	27.817	SRV+Double	
	reference	Negative s election	0.22	72.02	SRV+Double	
	test	Diversifyi ng selecti on	5.839	0.163	SRV+Double	
	test	Negative s election	0.194	27.817	SRV+Double	
	test	Negative s election	0.22	72.02	SRV+Double	
	reference	Diversifyi ng selecti on	5.787	0.163	SRV+Double	
	reference	Negative s election	0.2	1.019	SRV+Double	
	reference	Negative s election	0.214	98.818	SRV+Double	
	test	Diversifyi ng selecti on	10.766	0.163	SRV+Double	
	test	Diversifyi ng selecti on	5.787	0.163	SRV+Double	
	test	Negative s election	0.114	1.019	SRV+Double	
	test	Negative s election	0.124	98.818	SRV+Double	
	test	Negative s election	0.2	1.019	SRV+Double	
	test	Negative s election	0.214	98.818	SRV+Double	
	reference	Diversifyi ng selecti on	5.621	0.172	SRV+Double	
	reference	Negative s election	0.212	98.914	SRV+Double	
	reference	Negative s election	0.221	0.914	SRV+Double	
	test	Diversifyi ng selecti on	5.621	0.172	SRV+Double	
	test	Negative s election	0.212	98.914	SRV+Double	
	test	Negative s election	0.221	0.914	SRV+Double	
	reference	Diversifyi ng selecti on	5.497	0.178	SRV+Double	
	reference	Negative s election	0.213	99.204	SRV+Double	
	reference	Negative s election	0.233	0.618	SRV+Double	
	test	Diversifyi ng selecti on	10.076	0.178	SRV+Double	
	test	Diversifyi ng selecti on	5.497	0.178	SRV+Double	
	test	Negative s election	0.123	99.204	SRV+Double	
	test	Negative s election	0.139	0.618	SRV+Double	
	test	Negative s election	0.213	99.204	SRV+Double	
	test	Negative s election	0.233	0.618	SRV+Double	
	reference	Diversifyi ng selecti on	5.967	0.157	SRV+Double	
	reference	Negative s election	0.213	99.32	SRV+Double	
	reference	Negative s election	0.221	0.523	SRV+Double	
	test	Diversifyi ng selecti on	5.967	0.157	SRV+Double	
	test	Negative s election	0.213	99.32	SRV+Double	
	test	Negative s election	0.221	0.523	SRV+Double	
	reference	Diversifyi ng selecti on	6.172	0.143	SRV+Double	
	reference	Negative s election	0.213	97.826	SRV+Double	
	reference	Negative s election	0.247	2.031	SRV+Double	
	test	Diversifyi ng selecti on	11.644	0.143	SRV+Double	
	test	Diversifyi ng selecti on	6.172	0.143	SRV+Double	
	test	Negative s election	0.124	97.826	SRV+Double	
	test	Negative s election	0.152	2.031	SRV+Double	
	test	Negative s election	0.213	97.826	SRV+Double	
	test	Negative s election	12 0.247	2.031	SRV+Double	
	reference	Diversifyi ng selecti on	6.879	0.121	SRV+Double	

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

	class_id	syn_rate	proportion_per cent	run_type	
	1	0.119	8.409	SRV	
	2	0.864	82.536	SRV	
	3	3.061	9.054	SRV	
	1	0.119	8.375	SRV	
	2	0.863	82.547	SRV	
	3	3.058	9.078	SRV	
	1	0.117	8.314	SRV	
	2	0.863	82.616	SRV	
	3	3.057	9.07	SRV	
	1	0.122	8.496	SRV	
	2	0.864	82.481	SRV	
	3	3.066	9.022	SRV	
	1	0.12	8.434	SRV	
	2	0.864	82.498	SRV	
	3	3.06	9.068	SRV	
	1	0.11	8.013	SRV	
	2	0.86	82.839	SRV	
	3	3.048	9.147	SRV	
	1	0.118	8.351	SRV	
	2	0.863	82.575	SRV	
	3	3.056	9.074	SRV	
	1	0.119	8.408	SRV	
	2	0.863	82.517	SRV	
	3	3.06	9.075	SRV	
	1	0.119	8.382	SRV	
	2	0.863	82.557	SRV	
	3	3.06	9.061	SRV	
	1	0.12	8.427	SRV	
	2	0.864	82.517	SRV	
	3	3.061	9.055	SRV	

	test	3H	0.0	SRV+Double+Triple	
	reference	2H	0.0557	SRV+Double+Triple	
	reference	2H	0.0554	SRV+Double+Triple	
	reference	3H	0.107	SRV+Double+Triple	
	reference	3H	0.1064	SRV+Double+Triple	
	test	2H	0.0	SRV+Double+Triple	
	test	3H	0.0	SRV+Double+Triple	
	reference	2H	0.1093	SRV+Double+Triple	
	reference	2H	0.0552	SRV+Double+Triple	
	reference	3H	0.1833	SRV+Double+Triple	
	reference	3H	0.1063	SRV+Double+Triple	
	test	2H	0.0	SRV+Double+Triple	
	test	3H	0.0	SRV+Double+Triple	
	reference	2H	0.0558	SRV+Double+Triple	
	reference	2H	0.0552	SRV+Double+Triple	
	reference	3H	0.1068	SRV+Double+Triple	
	reference	3H	0.1066	SRV+Double+Triple	
	test	2H	0.0	SRV+Double+Triple	
	test	3H	0.0	SRV+Double+Triple	
	reference	2H	0.1048	SRV+Double+Triple	
	reference	2H	0.0552	SRV+Double+Triple	
	reference	3H	0.1658	SRV+Double+Triple	
	reference	3H	0.1068	SRV+Double+Triple	
	test	2H	0.0	SRV+Double+Triple	
	test	3H	0.0	SRV+Double+Triple	
	reference	2H	0.0557	SRV+Double+Triple	
	reference	2H	0.0551	SRV+Double+Triple	
	reference	3H	0.1068	SRV+Double+Triple	
	reference	3H	0.1064	SRV+Double+Triple	
	test	2H	0.0	SRV+Double+Triple	
	test	3H	0.0	SRV+Double+Triple	
	reference	2H	0.1035	SRV+Double+Triple	
	reference	2H	0.0551	SRV+Double+Triple	
	reference	3H	0.1737	SRV+Double+Triple	
	reference	3H	0.1064	SRV+Double+Triple	
	test	2H	0.0	SRV+Double+Triple	
	test	3H	0.0	SRV+Double+Triple	
	reference	2H	0.0557	SRV+Double+Triple	
	reference	2H	0.0553	SRV+Double+Triple	
	reference	3H	0.1071	SRV+Double+Triple	
	reference	3H	0.1066	SRV+Double+Triple	
	test	2H	0.0	SRV+Double+Triple	
	test	3H	0.0	SRV+Double+Triple	
	reference	2H	0.1045	SRV+Double+Triple	
	reference	2H	0.0551	SRV+Double+Triple	
	reference	3H	0.1775	SRV+Double+Triple	
	reference	3H	0.1066	SRV+Double+Triple	
	test	2H	0.0	SRV+Double+Triple	
	test	3H	0.0	SRV+Double+Triple	
	reference	2H	0.0557	SRV+Double+Triple	