

# RELAX Combined Report

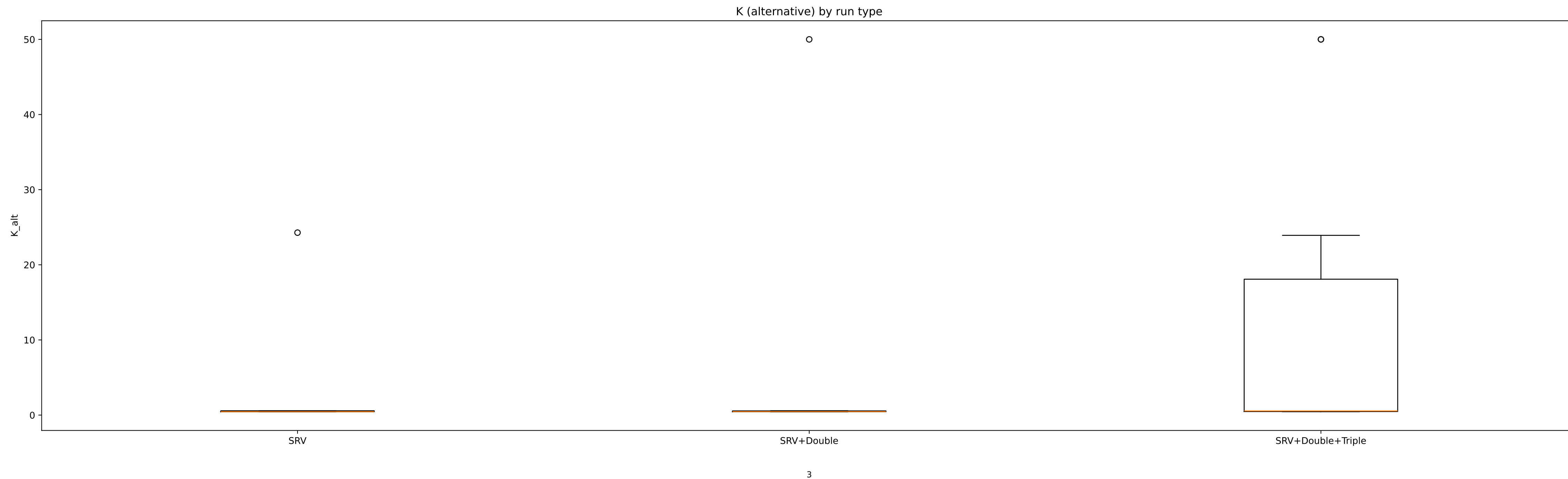
SRV vs SRV+Double vs SRV+Double+Triple

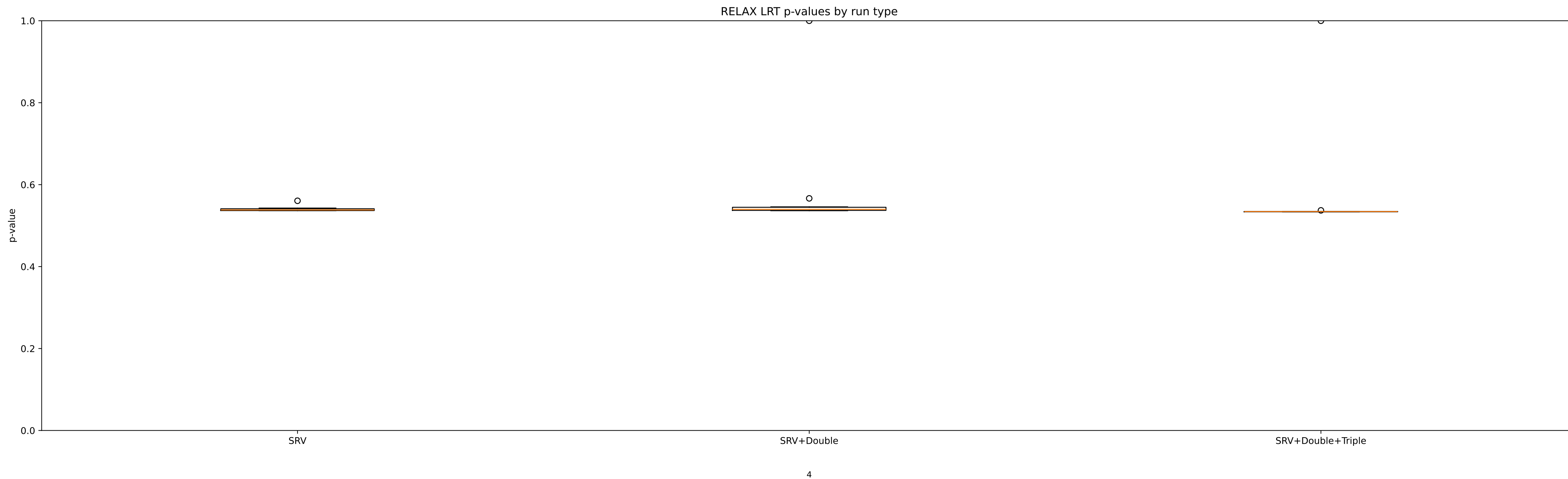
Includes:

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

Run-type summary statistics

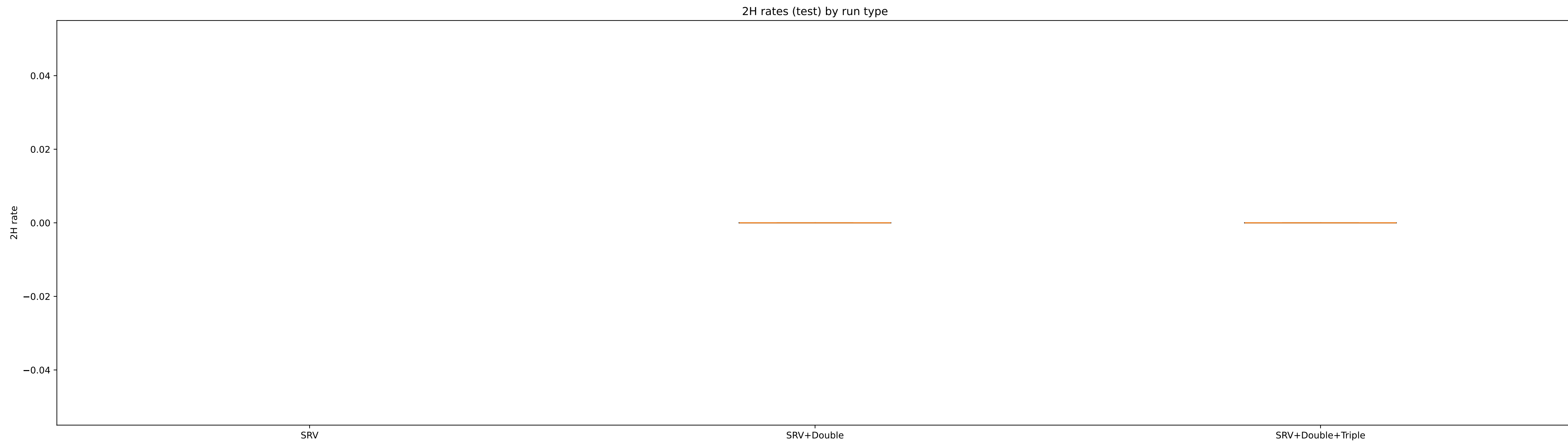
p_median	p_min	p_max	K_median	K_min	K_max	omega_ref_med ian	omega_test_med ian	warnings_count	2H_reference_m edian	2H_test_median
0.5383	0.5365	0.5606	0.45	0.43	24.28	0.2335	0.3866	10	nan	nan
0.5398	0.5364	1.0	0.46	0.43	50.0	0.2335	0.3866	10	0.0	0.0
0.5343	0.5335	1.0	0.55	0.45	50.0	0.2335	0.3866	10	0.0	0.0



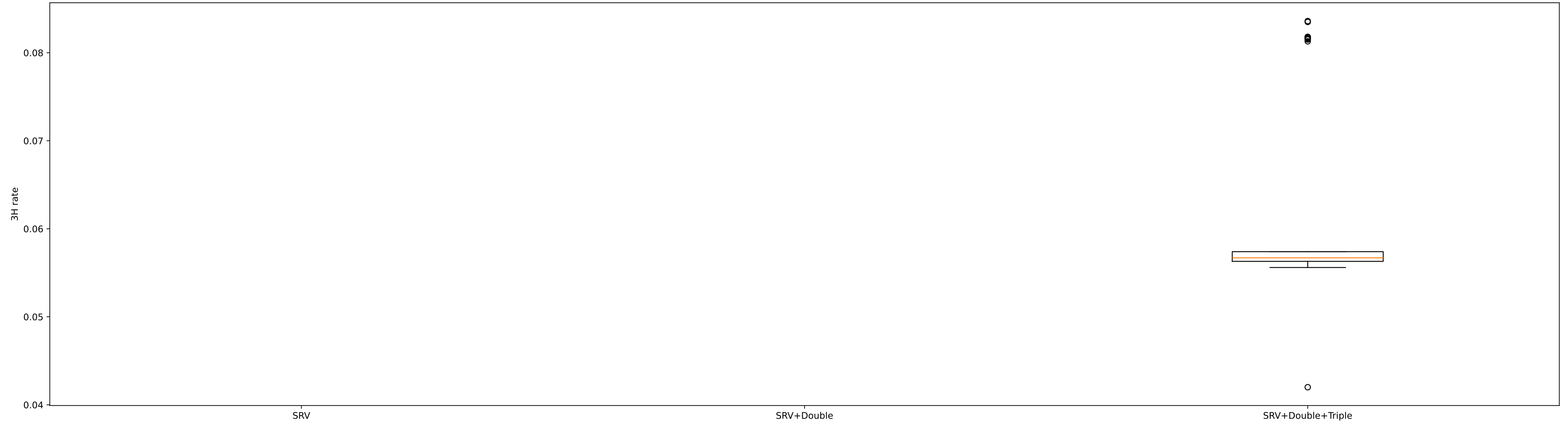


2H rates (reference) by run type





3H rates (reference) by run type



3H rates (test) by run type





	replicate	p_value	K_alt	global_dNdS_reference	global_dNdS_test	
	1	0.5389	0.45	0.2335	0.3866	
	2	0.5367	0.57	0.2335	0.3866	
	3	0.5403	0.45	0.2335	0.3866	
	4	0.5367	0.44	0.2335	0.3866	
	5	0.5428	24.28	0.2335	0.3866	
	6	0.5366	0.43	0.2335	0.3866	
	7	0.5606	0.58	0.2335	0.3866	
	8	0.5377	0.45	0.2337	0.3871	
	9	0.5413	0.57	0.2335	0.3866	
	10	0.5365	0.44	0.2335	0.3866	

	replicate	p_value	K_alt	global_dNdS_reference	global_dNdS_test	
	1	0.5371	0.43	0.2335	0.3866	
	2	0.5367	0.45	0.2335	0.3866	
	3	0.5385	0.58	0.2335	0.3866	
	4	0.5364	0.44	0.2335	0.3866	
	5	0.5374	0.45	0.2335	0.3866	
	6	0.5458	0.51	0.2335	0.3866	
	7	0.5416	0.46	0.2335	0.3866	
	8	1.0	50.0	0.2335	0.3866	
	9	0.5411	0.46	0.2335	0.3866	
	10	0.5665	0.57	0.2335	0.3866	

	replicate	p_value	K_alt	global_dNdS_reference	global_dNdS_test	
	1	0.5341	0.58	0.2335	0.3866	
	2	0.5337	0.45	0.2335	0.3866	
	3	0.5335	50.0	0.2335	0.3866	
	4	0.5345	23.92	0.2335	0.3866	
	5	1.0	50.0	0.2335	0.3866	
	6	0.5337	0.57	0.2335	0.3866	
	7	0.5346	0.46	0.2335	0.3866	
	8	0.5372	0.48	0.2335	0.3866	
	9	0.5337	0.47	0.2335	0.3866	
	10	0.5346	0.53	0.2335	0.3866	

		test	Negative s election	0.016	43.593	SRV+Double	
		test	Negative s election	0.674	56.407	SRV+Double	
		test	Negative s election	0.0	43.593	SRV+Double	
		test	Negative s election	0.41	56.407	SRV+Double	
		reference	Diversifyi ng selecti on	Ω-class distributions (all) (cols 1-7/7)	0.0	SRV+Double	
		reference	Negative s election		43.635	SRV+Double	
		reference	Negative s election		56.365	SRV+Double	
		test	Diversifyi ng selecti on		0.0	SRV+Double	
		test	Negative s election		43.635	SRV+Double	
		test	Negative s election		56.365	SRV+Double	
		reference	Diversifyi ng selecti on		0.0	SRV+Double	
		reference	Negative s election		41.189	SRV+Double	
		reference	Negative s election		58.811	SRV+Double	
		test	Diversifyi ng selecti on		0.0	SRV+Double	
		test	Diversifyi ng selecti on		0.0	SRV+Double	
		test	Negative s election		41.189	SRV+Double	
		test	Negative s election	0.656	58.811	SRV+Double	
		test	Negative s election	0.0	41.189	SRV+Double	
		test	Negative s election	0.392	58.811	SRV+Double	
		reference	Diversifyi ng selecti on	1.157	0.0	SRV+Double	
		reference	Negative s election	0.0	41.618	SRV+Double	
		reference	Negative s election	0.397	58.382	SRV+Double	
		test	Diversifyi ng selecti on	1.157	0.0	SRV+Double	
		test	Negative s election	0.0	41.618	SRV+Double	
		test	Negative s election	0.397	58.382	SRV+Double	
		reference	Diversifyi ng selecti on	1.002	0.0	SRV+Double	
		reference	Negative s election	0.009	47.605	SRV+Double	
		reference	Negative s election	0.435	52.395	SRV+Double	
		test	Diversifyi ng selecti on	1.001	0.0	SRV+Double	
		test	Diversifyi ng selecti on	1.002	0.0	SRV+Double	
		test	Negative s election	0.091	47.605	SRV+Double	
		test	Negative s election	0.655	52.395	SRV+Double	
		test	Negative s election	0.009	47.605	SRV+Double	
		test	Negative s election	0.435	52.395	SRV+Double	
		reference	Diversifyi ng selecti on	1.141	0.0	SRV+Double	
		reference	Negative s election	0.0	45.589	SRV+Double	
		reference	Negative s election	0.429	54.411	SRV+Double	
		test	Diversifyi ng selecti on	1.141	0.0	SRV+Double	
		test	Negative s election	0.0	45.589	SRV+Double	
		test	Negative s election	0.429	54.411	SRV+Double	
		reference	Diversifyi ng selecti on	1.002	0.0	SRV+Double	
		reference	Negative s election	0.0	40.595	SRV+Double	
		reference	Negative s election	0.388	59.405	SRV+Double	
		test	Diversifyi ng selecti on	1.001	0.0	SRV+Double	
		test	Diversifyi ng selecti on	1.002	0.0	SRV+Double	
		test	Negative s election	0.0	40.595	SRV+Double	
		test	Negative s election	0.65	59.405	SRV+Double	
		test	Negative s election	0.0	40.595	SRV+Double	
		test	Negative s election	12 0.388	59.405	SRV+Double	
		reference	Diversifyi ng selecti on	1.141	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	0.944	78.934	SRV	
	3	2.331	10.939	SRV	
	1	0.0	10.1	SRV	
	2	0.941	78.422	SRV	
	3	2.284	11.478	SRV	
	1	0.0	10.137	SRV	
	2	0.945	79.016	SRV	
	3	2.337	10.847	SRV	
	1	0.0	10.126	SRV	
	2	0.943	78.815	SRV	
	3	2.319	11.06	SRV	
	1	0.0	10.113	SRV	
	2	0.942	78.641	SRV	
	3	2.302	11.246	SRV	
	1	0.0	10.113	SRV	
	2	0.943	78.761	SRV	
	3	2.315	11.126	SRV	
	1	0.0	10.133	SRV	
	2	0.943	78.694	SRV	
	3	2.305	11.173	SRV	
	1	0.0	10.148	SRV	
	2	0.945	79.032	SRV	
	3	2.339	10.819	SRV	
	1	0.0	10.128	SRV	
	2	0.944	78.708	SRV	
	3	2.305	11.164	SRV	
	1	0.0	10.116	SRV	
	2	0.943	78.802	SRV	
	3	2.318	11.083	SRV	

	reference	3H	0.056	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	0.0818	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	0.0563	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	0.0836	SRV+Double+Triple	
	reference	3H	0.0567	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	
	reference	3H	0.0567	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	0.0563	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	0.0564	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	0.0835	SRV+Double+Triple	
	reference	3H	0.042	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	0.057	SRV+Double+Triple	
	reference	3H	0.0571	SRV+Double+Triple	
	reference	3H	0.0567	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	0.0818	SRV+Double+Triple	
	reference	3H	0.0563	SRV+Double+Triple	