

RELAX Combined Report

SRV vs SRV+Double vs SRV+Double+Triple

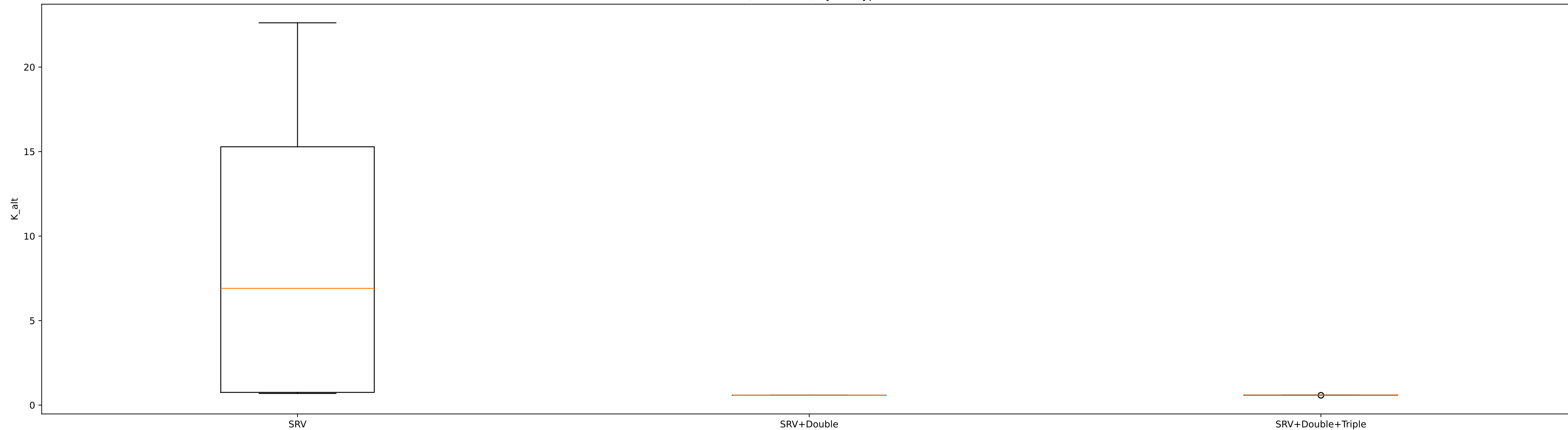
Includes:

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

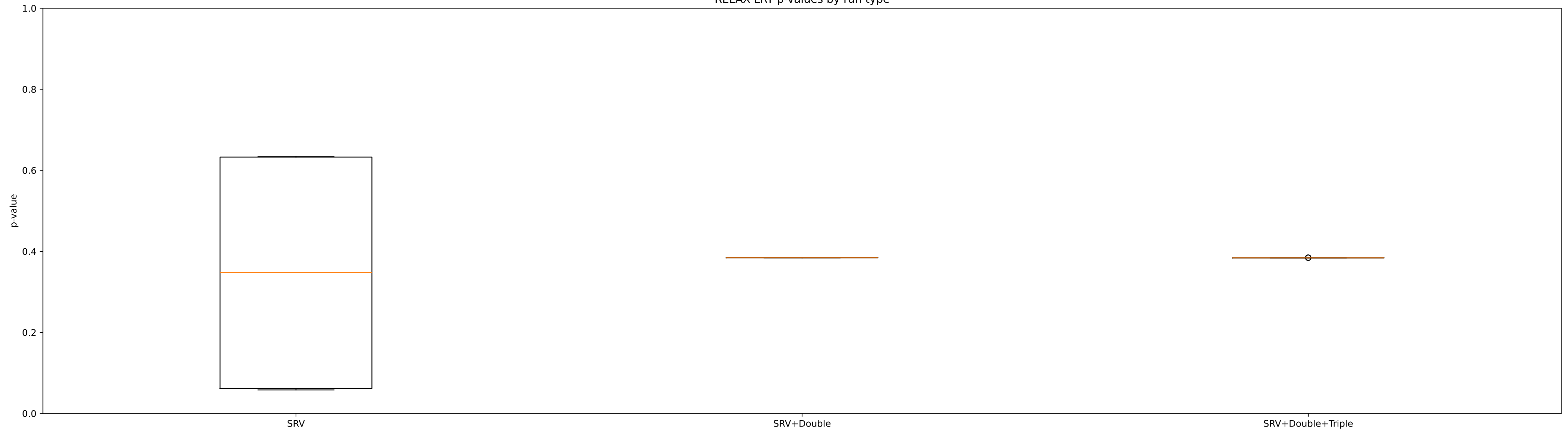
Run-type summary statistics

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
0.348	0.0579	0.6347	6.905	0.69	22.62	0.227	0.5836	10	nan	nan
0.3841	0.3839	0.3849	0.58	0.58	0.59	0.227	0.584	10	0.0	0.5068
0.384	0.3838	0.3844	0.59	0.58	0.59	0.2269	0.5834	10	0.0	0.5077

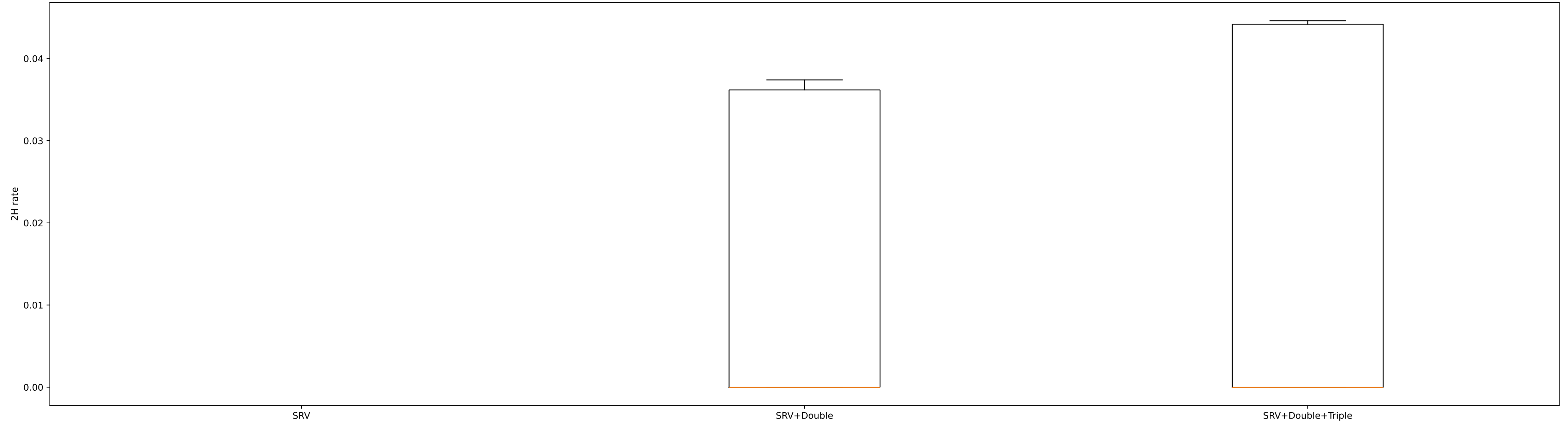
K (alternative) by run type

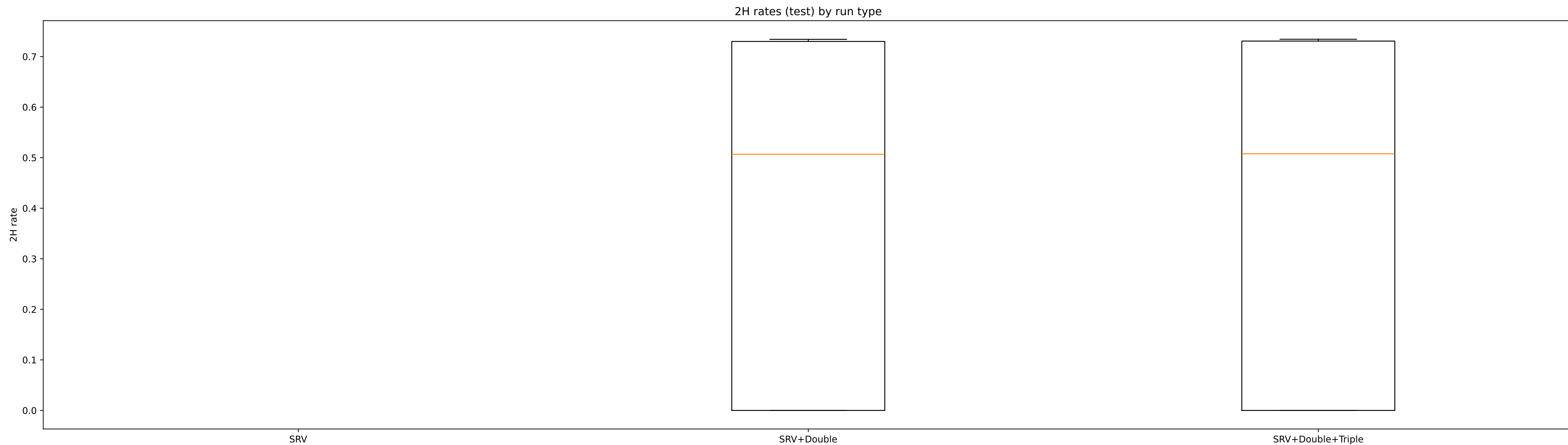


RELAX LRT p-values by run type

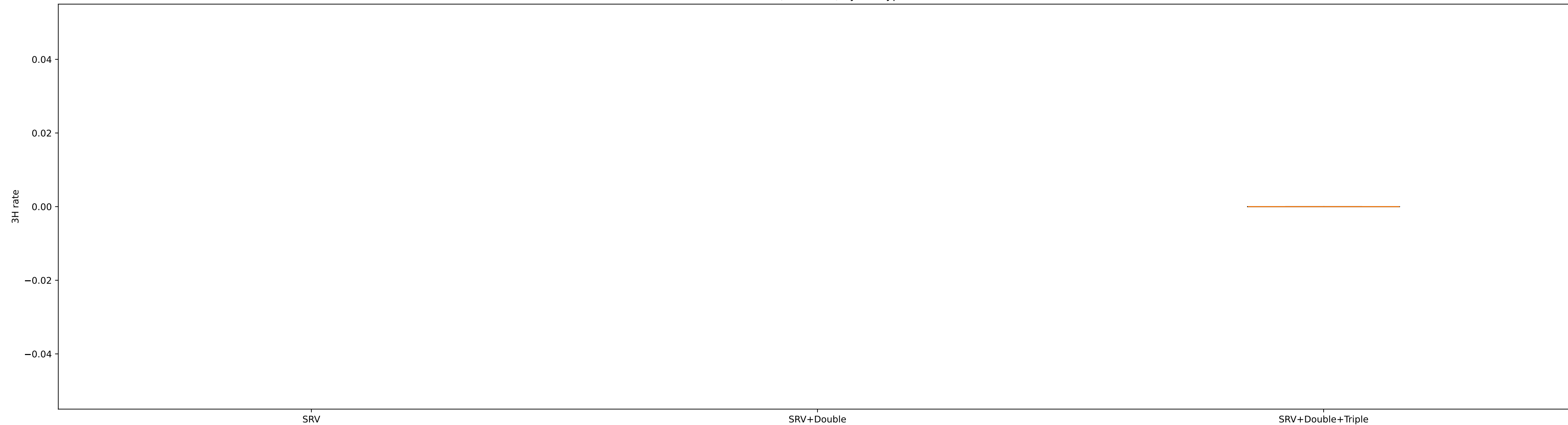


2H rates (reference) by run type

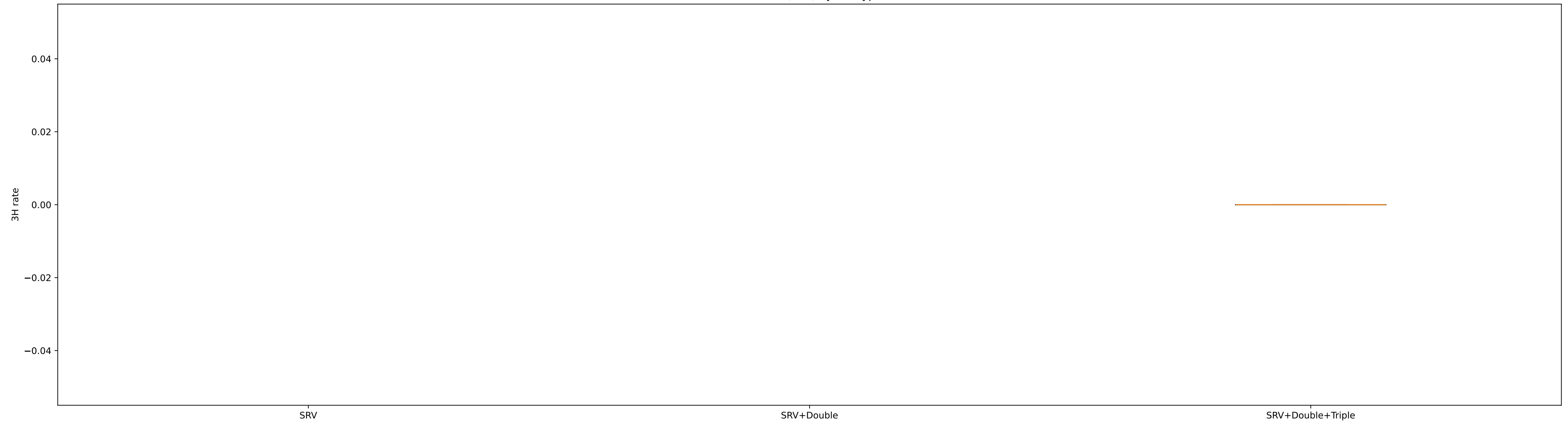




3H rates (reference) by run type



3H rates (test) by run type



	replicate	p_value	K_alt	global_dNdS_reference	global_dNdS_test	
	1	0.0641	13.05	0.227	0.5833	
	2	0.0579	22.62	0.227	0.5846	
	3	0.6341	0.69	0.2266	0.5811	
	4	0.0617	15.34	0.227	0.5852	
	5	0.0616	15.43	0.2269	0.5829	
	6	0.6328	0.76	0.2269	0.5838	
	7	0.6347	0.76	0.2268	0.5839	
	8	0.6318	0.75	0.2267	0.5823	
	9	0.062	15.12	0.2271	0.5831	
	10	0.6319	0.75	0.227	0.585	

	replicate	p_value	K_alt	global_dNdS_reference	global_dNdS_test	
	1	0.3849	0.59	0.2268	0.5863	
	2	0.3841	0.59	0.2268	0.5843	
	3	0.3845	0.58	0.227	0.5846	
	4	0.384	0.58	0.2269	0.585	
	5	0.3841	0.58	0.227	0.5834	
	6	0.3845	0.59	0.227	0.5831	
	7	0.3839	0.58	0.2269	0.5848	
	8	0.3839	0.58	0.227	0.5838	
	9	0.3841	0.58	0.227	0.5838	
	10	0.3843	0.58	0.2269	0.5828	

	replicate	p_value	K_alt	global_dNdS_reference	global_dNdS_test	
	1	0.3839	0.59	0.2266	0.5852	
	2	0.384	0.59	0.2269	0.5848	
	3	0.384	0.59	0.227	0.5844	
	4	0.3839	0.59	0.2268	0.5832	
	5	0.3839	0.59	0.227	0.5831	
	6	0.3843	0.58	0.2268	0.5837	
	7	0.3839	0.59	0.227	0.5838	
	8	0.3838	0.59	0.2269	0.5832	
	9	0.384	0.58	0.2266	0.5811	
	10	0.3844	0.59	0.2269	0.5828	

	test	Negative s election	0.394	68.087	SRV+Double	
	test	Negative s election	0.409	31.913	SRV+Double	
	test	Negative s election	0.203	68.087	SRV+Double	
	test	Negative s election	0.217	31.913	SRV+Double	
	reference	Diversifyi ng selecti on	0.0	0.0	SRV+Double	
	reference	Negative s election	0.209	38.244	SRV+Double	
	reference	Negative s election	0.216	61.756	SRV+Double	
	test	Diversifyi ng selecti on	4.835	0.0	SRV+Double	
	test	Negative s election	0.209	38.244	SRV+Double	
	test	Negative s election	0.216	61.756	SRV+Double	
	reference	Diversifyi ng selecti on	1.593	0.0	SRV+Double	
	reference	Negative s election	0.203	41.264	SRV+Double	
	reference	Negative s election	0.212	58.736	SRV+Double	
	test	Diversifyi ng selecti on	1.313	0.0	SRV+Double	
	test	Diversifyi ng selecti on	1.593	0.0	SRV+Double	
	test	Negative s election	0.394	41.264	SRV+Double	
	test	Negative s election	0.403	58.736	SRV+Double	
	test	Negative s election	0.203	41.264	SRV+Double	
	test	Negative s election	0.212	58.736	SRV+Double	
	reference	Diversifyi ng selecti on	3.186	0.0	SRV+Double	
	reference	Negative s election	0.177	0.0	SRV+Double	
	reference	Negative s election	0.213	100.0	SRV+Double	
	test	Diversifyi ng selecti on	3.186	0.0	SRV+Double	
	test	Negative s election	0.177	0.0	SRV+Double	
	test	Negative s election	0.213	100.0	SRV+Double	
	reference	Diversifyi ng selecti on	2.975	0.0	SRV+Double	
	reference	Negative s election	0.189	0.0	SRV+Double	
	reference	Negative s election	0.209	100.0	SRV+Double	
	test	Diversifyi ng selecti on	1.894	0.0	SRV+Double	
	test	Diversifyi ng selecti on	2.975	0.0	SRV+Double	
	test	Negative s election	0.377	0.0	SRV+Double	
	test	Negative s election	0.399	100.0	SRV+Double	
	test	Negative s election	0.189	0.0	SRV+Double	
	test	Negative s election	0.209	100.0	SRV+Double	
	reference	Diversifyi ng selecti on	1.134	0.0	SRV+Double	
	reference	Negative s election	0.142	0.0	SRV+Double	
	reference	Negative s election	0.214	100.0	SRV+Double	
	test	Diversifyi ng selecti on	1.134	0.0	SRV+Double	
	test	Negative s election	0.142	0.0	SRV+Double	
	test	Negative s election	0.214	100.0	SRV+Double	
	reference	Diversifyi ng selecti on	1.658	0.0	SRV+Double	
	reference	Negative s election	0.174	0.0	SRV+Double	
	reference	Negative s election	0.208	100.0	SRV+Double	
	test	Diversifyi ng selecti on	1.344	0.0	SRV+Double	
	test	Diversifyi ng selecti on	1.658	0.0	SRV+Double	
	test	Negative s election	0.36	0.0	SRV+Double	
	test	Negative s election	0.4	100.0	SRV+Double	
	test	Negative s election	0.174	0.0	SRV+Double	
	test	Negative s election	0.208	100.0	SRV+Double	
	reference	Diversifyi ng selecti on	3.282	0.0	SRV+Double	

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

	class_id	syn_rate	proportion_per cent	run_type	
	1	0.025	30.683	SRV	
	2	0.025	33.666	SRV	
	3	2.76	35.652	SRV	
	1	0.025	34.741	SRV	
	2	0.025	29.637	SRV	
	3	2.761	35.622	SRV	
	1	0.023	30.201	SRV	
	2	0.025	34.029	SRV	
	3	2.753	35.77	SRV	
	1	0.025	36.003	SRV	
	2	0.025	28.33	SRV	
	3	2.759	35.667	SRV	
	1	0.025	35.337	SRV	
	2	0.025	28.99	SRV	
	3	2.759	35.673	SRV	
	1	0.023	27.222	SRV	
	2	0.024	37.001	SRV	
	3	2.753	35.777	SRV	
	1	0.023	33.315	SRV	
	2	0.023	30.867	SRV	
	3	2.751	35.817	SRV	
	1	0.024	28.525	SRV	
	2	0.024	35.724	SRV	
	3	2.755	35.751	SRV	
	1	0.025	30.621	SRV	
	2	0.026	33.775	SRV	
	3	2.763	35.604	SRV	
	1	0.023	35.592	SRV	
	2	0.024	28.613	SRV	
	3	2.752	35.795	SRV	

	reference	2H	0.0	SRV+Double	
	test	2H	0.5059	SRV+Double	
	reference	2H	0.0	SRV+Double	
	test	2H	0.7304	SRV+Double	
	test	2H	0.0	SRV+Double	
	reference	2H	0.0446	SRV+Double+Triple	
	reference	2H	0.0	SRV+Double+Triple	
	reference	3H	0.0	SRV+Double+Triple	
	test	2H	0.5081	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	0.73	SRV+Double+Triple	
	test	2H	0.0	SRV+Double+Triple	
	test	3H	0.0	SRV+Double+Triple	
	reference	2H	0.0443	SRV+Double+Triple	
	reference	2H	0.0	SRV+Double+Triple	
	reference	3H	0.0	SRV+Double+Triple	
	test	2H	0.5073	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	0.7318	SRV+Double+Triple	
	test	2H	0.0	SRV+Double+Triple	
	test	3H	0.0	SRV+Double+Triple	
	reference	2H	0.0443	SRV+Double+Triple	
	reference	2H	0.0	SRV+Double+Triple	
	reference	3H	0.0	SRV+Double+Triple	
	test	2H	0.5077	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	0.7331	SRV+Double+Triple	
	test	2H	0.0	SRV+Double+Triple	
	test	3H	0.0	SRV+Double+Triple	
	reference	2H	0.044	SRV+Double+Triple	
	reference	2H	0.0	SRV+Double+Triple	
	reference	3H	0.0	SRV+Double+Triple	
	test	2H	0.5078	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	0.7319	SRV+Double+Triple	
	test	2H	0.0	SRV+Double+Triple	
	test	3H	0.0	SRV+Double+Triple	
	reference	2H	0.0445	SRV+Double+Triple	
	reference	2H	0.0	SRV+Double+Triple	
	reference	3H	0.0	SRV+Double+Triple	
	test	2H	0.5077	SRV+Double+Triple	
	test	3H	0.0	SRV+Double+Triple	