

RELAX Combined Report

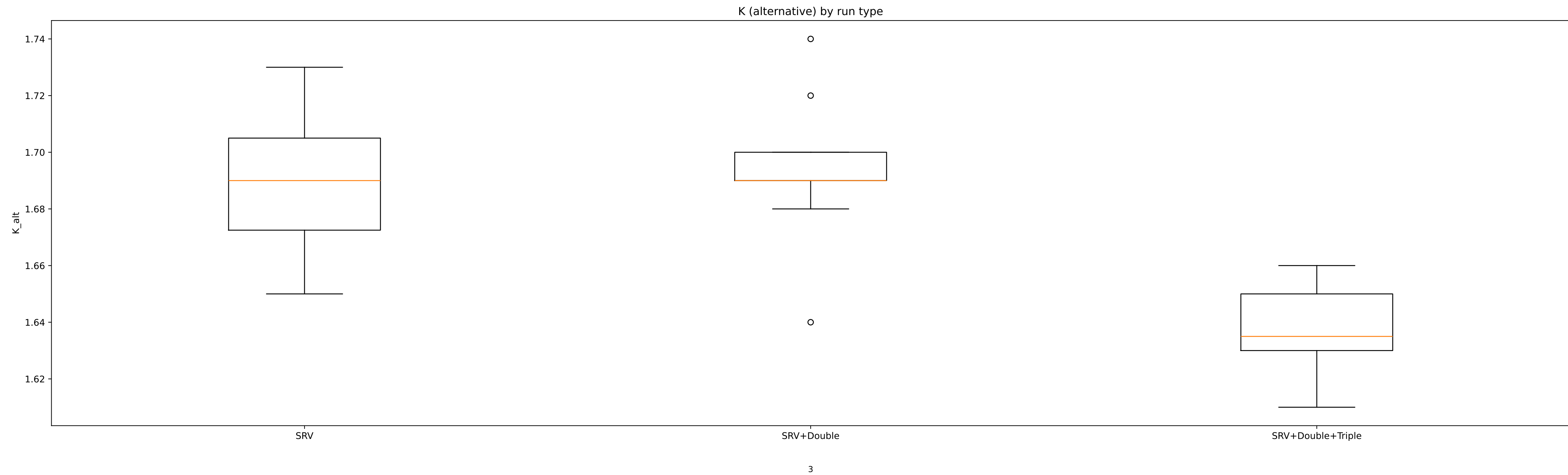
SRV vs SRV+Double vs SRV+Double+Triple

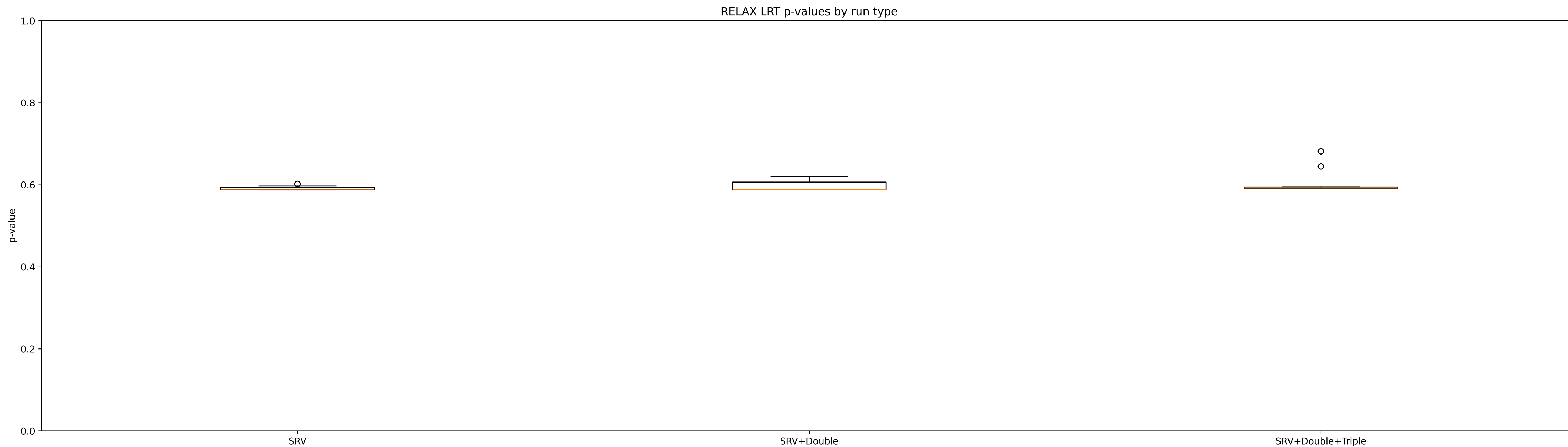
Includes:

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

Run-type summary statistics

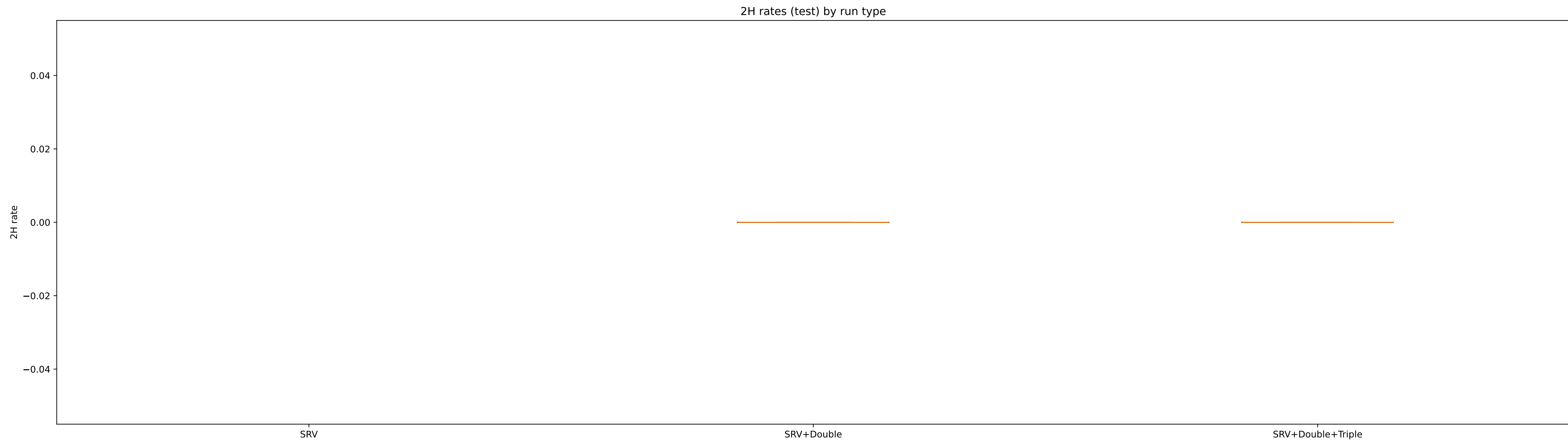
p_median	p_min	p_max	K_median	K_min	K_max	omega_ref_med ian	omega_test_med ian	warnings_count	2H_reference_m edian	2H_test_median
0.5893	0.5873	0.6021	1.69	1.65	1.73	0.2351	0.1286	10	nan	nan
0.5882	0.5876	0.6197	1.69	1.64	1.74	0.2351	0.1286	10	0.0	0.0
0.5921	0.5902	0.6817	1.635	1.61	1.66	0.2351	0.1286	10	0.0	0.0



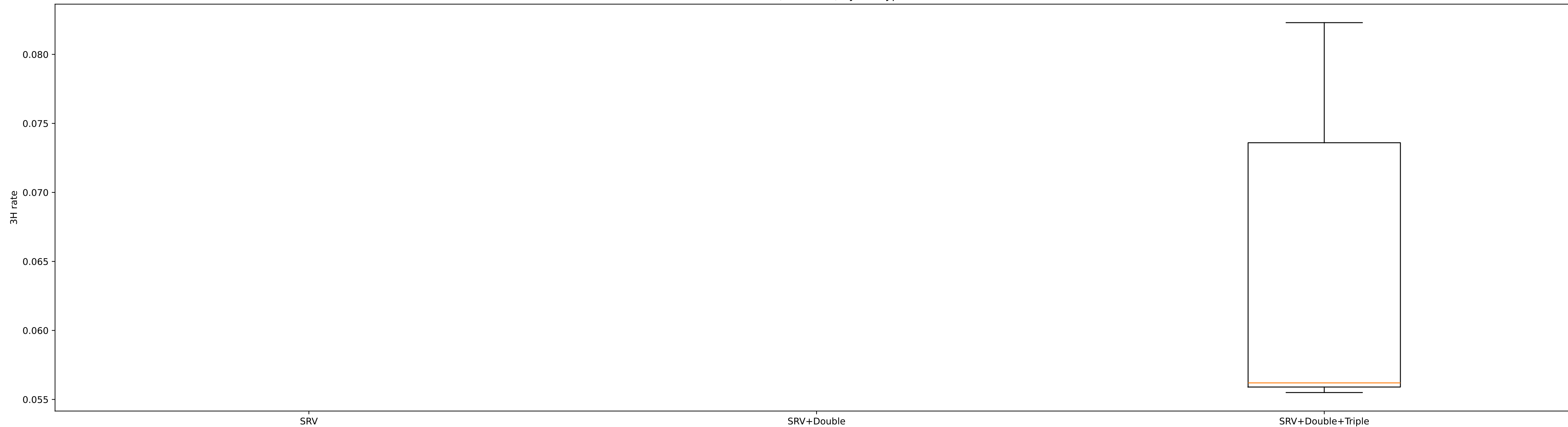


2H rates (reference) by run type

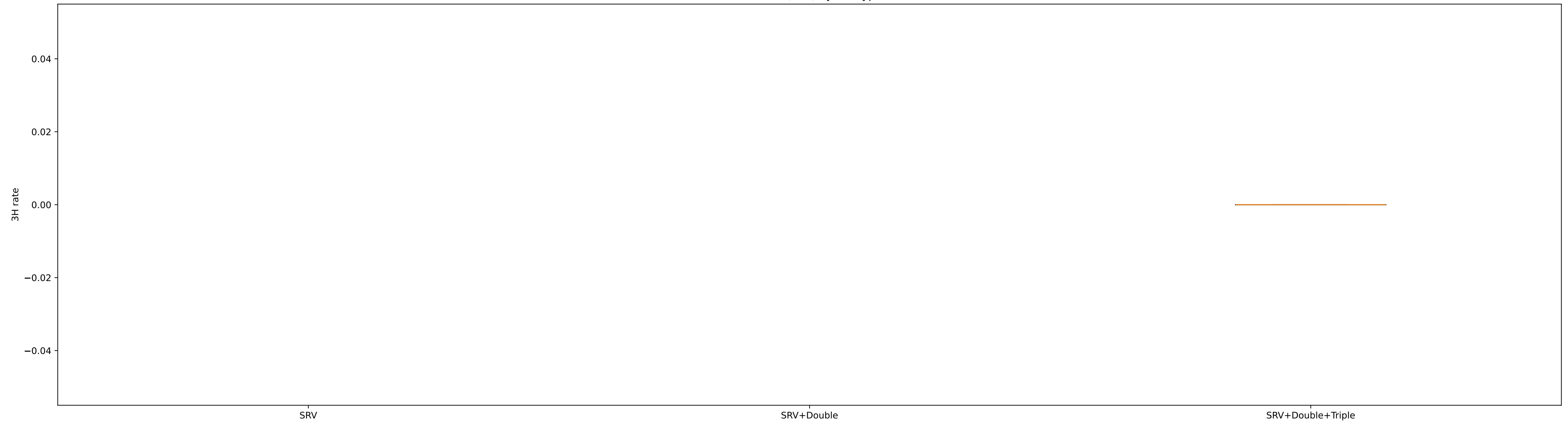




3H rates (reference) by run type



3H rates (test) by run type



	replicate	p_value	K_alt	global_dNdS_reference	global_dNdS_test	
	1	0.5973	1.71	0.2351	0.1286	
	2	0.5876	1.69	0.2351	0.1286	
	3	0.5877	1.68	0.2351	0.1286	
	4	0.5877	1.69	0.2351	0.1286	
	5	0.5877	1.69	0.2351	0.1286	
	6	0.6021	1.73	0.2351	0.1286	
	7	0.5937	1.67	0.2351	0.1286	
	8	0.5908	1.65	0.2351	0.1286	
	9	0.591	1.65	0.2351	0.1286	
	10	0.5873	1.71	0.2351	0.1286	

	replicate	p_value	K_alt	global_dNdS_reference	global_dNdS_test	
	1	0.5925	1.64	0.2351	0.1286	
	2	0.5878	1.68	0.2351	0.1286	
	3	0.5877	1.69	0.2351	0.1286	
	4	0.6197	1.7	0.2351	0.1286	
	5	0.6114	1.72	0.2351	0.1286	
	6	0.5887	1.74	0.2351	0.1287	
	7	0.6189	1.7	0.2351	0.1286	
	8	0.5878	1.69	0.2351	0.1286	
	9	0.5876	1.69	0.2351	0.1286	
	10	0.5876	1.69	0.2351	0.1286	

	replicate	p_value	K_alt	global_dNdS_reference	global_dNdS_test	
	1	0.591	1.63	0.2351	0.1286	
	2	0.592	1.63	0.2351	0.1286	
	3	0.6817	1.65	0.2351	0.1286	
	4	0.645	1.66	0.2351	0.1286	
	5	0.5902	1.65	0.2351	0.1286	
	6	0.5908	1.64	0.2351	0.1286	
	7	0.5922	1.63	0.2351	0.1286	
	8	0.5948	1.61	0.2351	0.1286	
	9	0.5934	1.63	0.2351	0.1286	
	10	0.5902	1.65	0.2351	0.1286	

		test	Negative s election	0.012	65.582	SRV+Double	
		test	Negative s election	0.348	34.418	SRV+Double	
		test	Negative s election	0.075	65.582	SRV+Double	
		test	Negative s election	0.537	34.418	SRV+Double	
		reference	Diversifyi ng selecti on	Ω-class distributions (all) (cols 1-7/7)	0.0	SRV+Double	
		reference	Negative s election		60.939	SRV+Double	
		reference	Negative s election		39.061	SRV+Double	
		test	Diversifyi ng selecti on		0.0	SRV+Double	
		test	Negative s election		60.939	SRV+Double	
		test	Negative s election		39.061	SRV+Double	
		reference	Diversifyi ng selecti on		0.0	SRV+Double	
		reference	Negative s election		57.656	SRV+Double	
		reference	Negative s election		42.344	SRV+Double	
		test	Diversifyi ng selecti on		0.0	SRV+Double	
		test	Diversifyi ng selecti on		0.0	SRV+Double	
		test	Negative s election		57.656	SRV+Double	
		test	Negative s election	0.296	42.344	SRV+Double	
		test	Negative s election	0.044	57.656	SRV+Double	
		test	Negative s election	0.493	42.344	SRV+Double	
		reference	Diversifyi ng selecti on	1.115	0.0	SRV+Double	
		reference	Negative s election	0.029	53.9	SRV+Double	
		reference	Negative s election	0.472	46.1	SRV+Double	
		test	Diversifyi ng selecti on	1.115	0.0	SRV+Double	
		test	Negative s election	0.029	53.9	SRV+Double	
		test	Negative s election	0.472	46.1	SRV+Double	
		reference	Diversifyi ng selecti on	1.002	0.0	SRV+Double	
		reference	Negative s election	0.0	47.003	SRV+Double	
		reference	Negative s election	0.442	52.997	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	47.003	SRV+Double	
		test	Negative s election	0.241	52.997	SRV+Double	
		test	Negative s election	0.0	47.003	SRV+Double	
		test	Negative s election	0.442	52.997	SRV+Double	
		reference	Diversifyi ng selecti on	1.162	0.0	SRV+Double	
		reference	Negative s election	0.0	46.681	SRV+Double	
		reference	Negative s election	0.438	53.319	SRV+Double	
		test	Diversifyi ng selecti on	1.162	0.0	SRV+Double	
		test	Negative s election	0.0	46.681	SRV+Double	
		test	Negative s election	0.438	53.319	SRV+Double	
		reference	Diversifyi ng selecti on	1.002	0.0	SRV+Double	
		reference	Negative s election	0.073	64.947	SRV+Double	
		reference	Negative s election	0.533	35.053	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	0.012	64.947	SRV+Double	
		test	Negative s election	0.343	35.053	SRV+Double	
		test	Negative s election	0.073	64.947	SRV+Double	
		test	Negative s election	12 0.533	35.053	SRV+Double	
		reference	Diversifyi ng selecti on	1.098	0.0	SRV+Double	

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

	class_id	syn_rate	proportion_per cent	run_type	
	1	0.0	10.078	SRV	
	2	0.939	78.297	SRV	
	3	2.275	11.625	SRV	
	1	0.0	10.111	SRV	
	2	0.942	78.722	SRV	
	3	2.311	11.167	SRV	
	1	0.0	10.105	SRV	
	2	0.942	78.728	SRV	
	3	2.311	11.167	SRV	
	1	0.0	10.102	SRV	
	2	0.942	78.688	SRV	
	3	2.308	11.21	SRV	
	1	0.0	10.104	SRV	
	2	0.942	78.693	SRV	
	3	2.308	11.204	SRV	
	1	0.0	10.043	SRV	
	2	0.937	78.108	SRV	
	3	2.262	11.849	SRV	
	1	0.0	10.126	SRV	
	2	0.943	78.701	SRV	
	3	2.306	11.173	SRV	
	1	0.0	10.133	SRV	
	2	0.944	78.961	SRV	
	3	2.332	10.906	SRV	
	1	0.0	10.136	SRV	
	2	0.945	78.994	SRV	
	3	2.335	10.87	SRV	
	1	0.0	10.091	SRV	
	2	0.941	78.548	SRV	
	3	2.296	11.36	SRV	

	reference	2H	0.0	SRV+Double+Triple	
	reference	3H	0.0561	SRV+Double+Triple	
	reference	3H	0.056	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	0.0823	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	0.0562	SRV+Double+Triple	
	reference	3H	0.0559	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	0.0662	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	0.0659	SRV+Double+Triple	
	reference	3H	0.0652	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	0.081	SRV+Double+Triple	
	reference	3H	0.0605	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	0.0585	SRV+Double+Triple	
	reference	3H	0.0582	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	0.0557	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	0.0557	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	0.0816	SRV+Double+Triple	
	reference	3H	0.056	SRV+Double+Triple	
	test	2H	0.0	SRV+Double+Triple	