

RELAX Combined Report

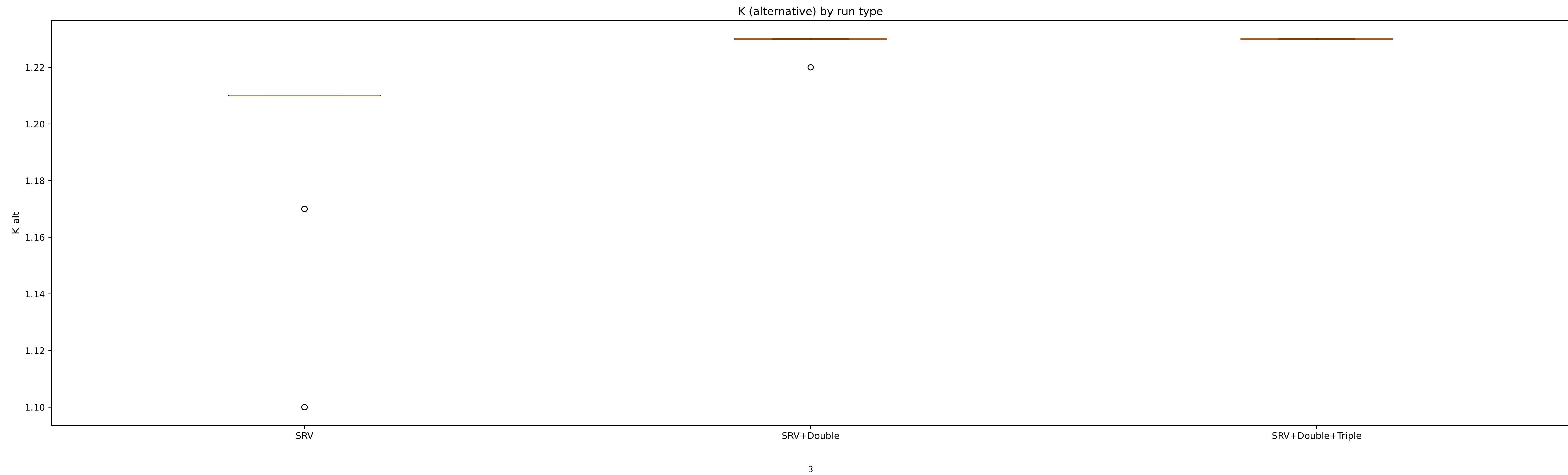
SRV vs SRV+Double vs SRV+Double+Triple

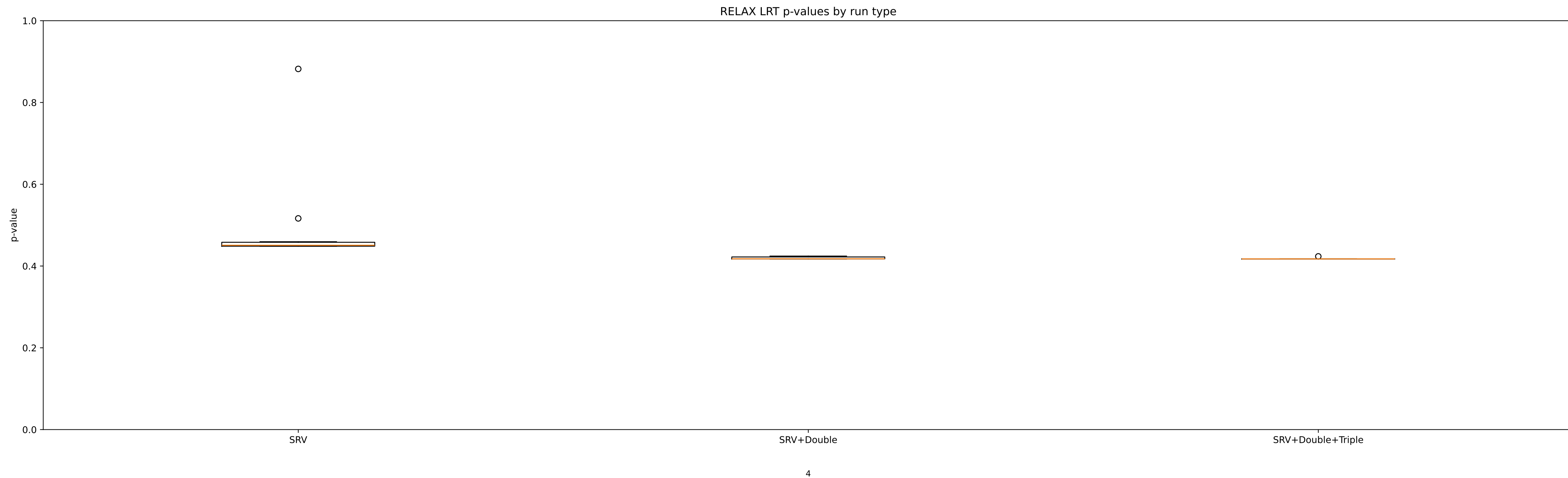
Includes:

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

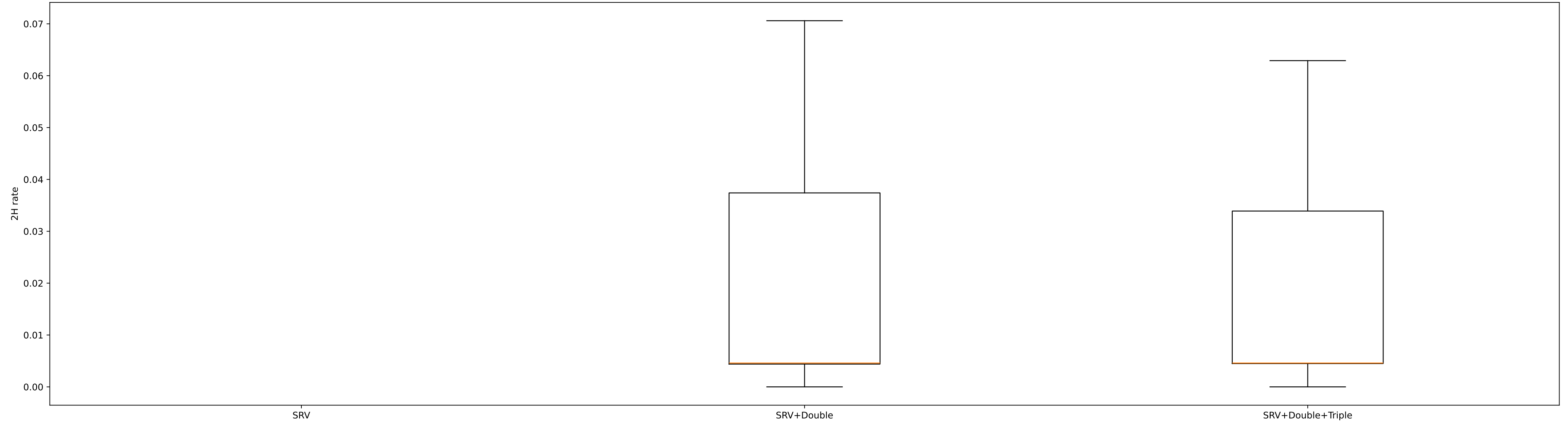
Run-type summary statistics

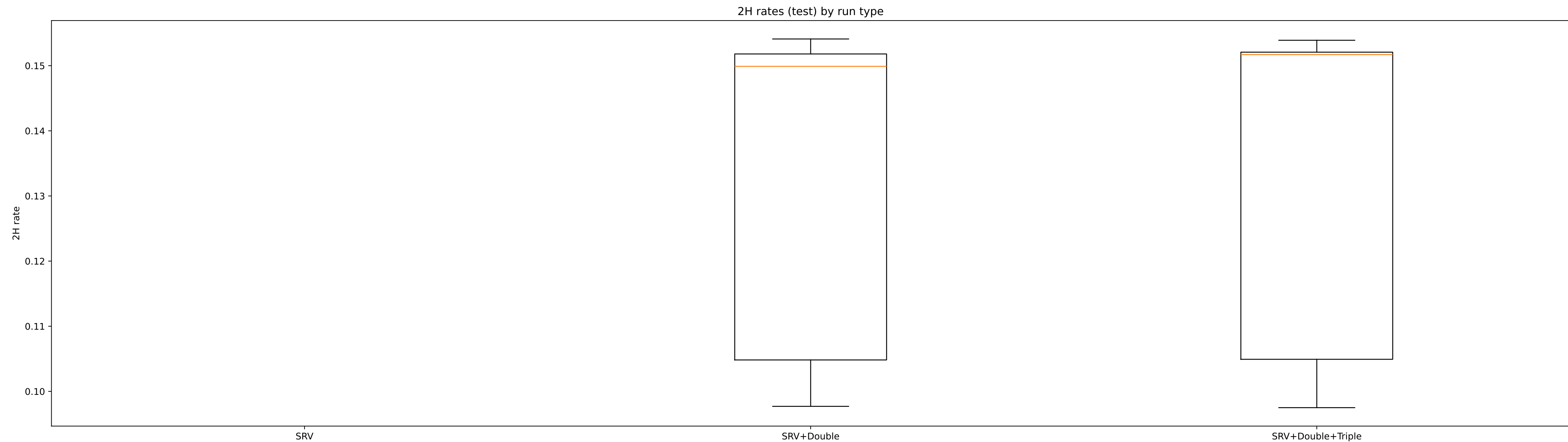
p_median	p_min	p_max	K_median	K_min	K_max	omega_ref_med ian	omega_test_med ian	warnings_count	2H_reference_m edian	2H_test_median
0.4508	0.4485	0.8821	1.21	1.1	1.21	0.192	0.1323	10	nan	nan
0.4177	0.4174	0.4243	1.23	1.22	1.23	0.192	0.1323	10	0.0046	0.1499
0.4174	0.4171	0.4236	1.23	1.23	1.23	0.192	0.1323	10	0.0046	0.1517



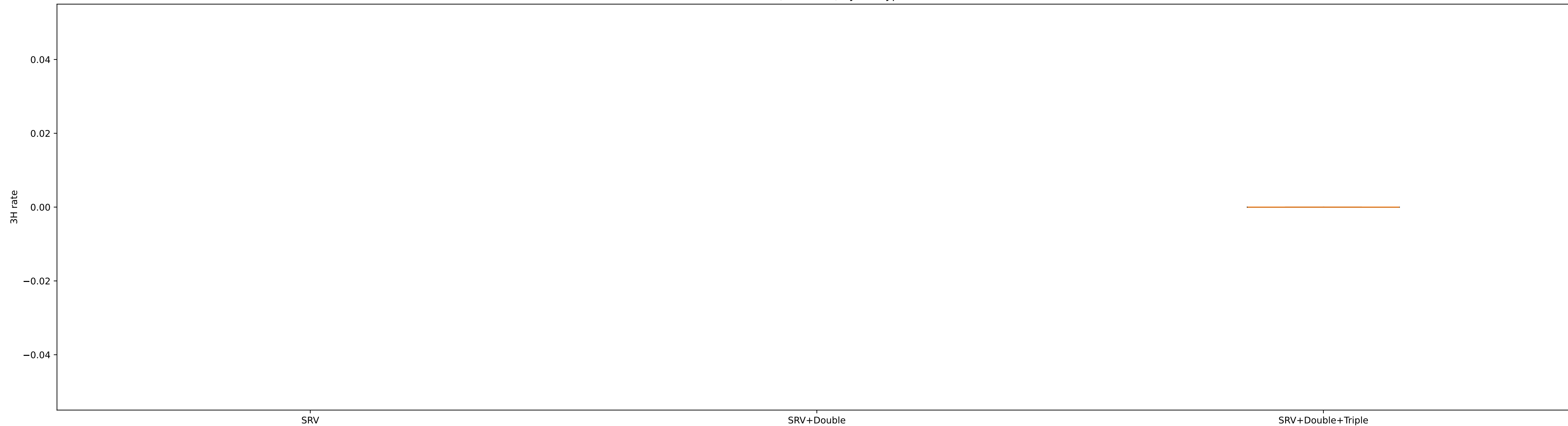


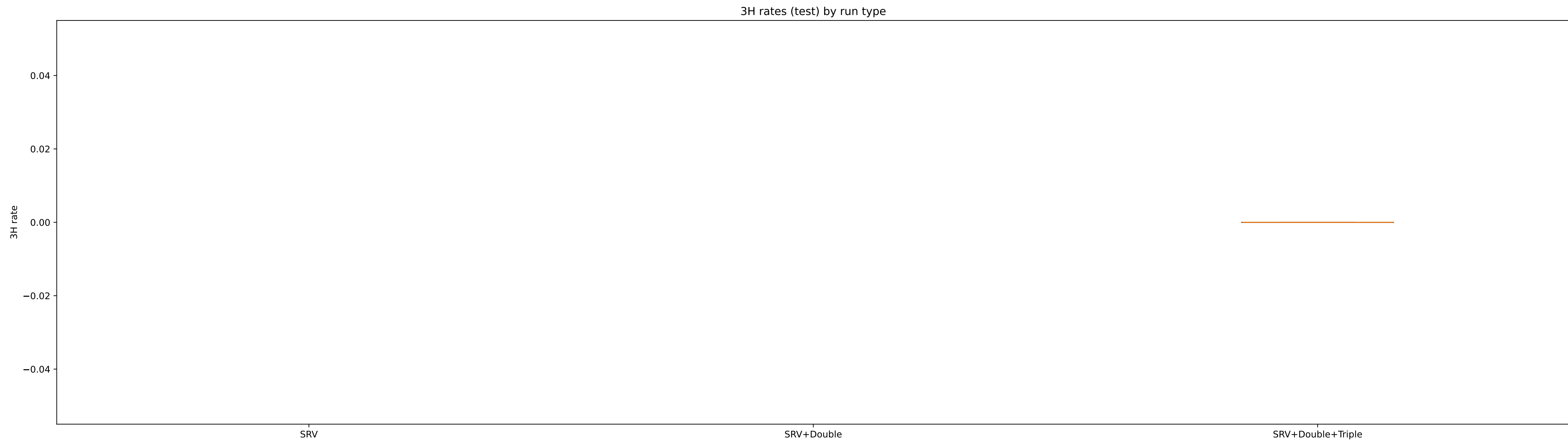
2H rates (reference) by run type





3H rates (reference) by run type





	replicate	p_value	K_alt	global_dNdS_reference	global_dNdS_test	
	1	0.8821	1.21	0.192	0.1323	
	2	0.4541	1.21	0.192	0.1323	
	3	0.5165	1.1	0.192	0.1323	
	4	0.4485	1.21	0.192	0.1323	
	5	0.4485	1.21	0.192	0.1323	
	6	0.4506	1.21	0.192	0.1323	
	7	0.4511	1.21	0.192	0.1323	
	8	0.4489	1.21	0.192	0.1323	
	9	0.4594	1.17	0.192	0.1323	
	10	0.4485	1.21	0.192	0.1323	

	replicate	p_value	K_alt	global_dNdS_reference	global_dNdS_test	
	1	0.4243	1.23	0.192	0.1323	
	2	0.4222	1.23	0.192	0.1323	
	3	0.4175	1.23	0.192	0.1323	
	4	0.4238	1.23	0.192	0.1323	
	5	0.4174	1.23	0.192	0.1323	
	6	0.4174	1.23	0.192	0.1323	
	7	0.4221	1.23	0.192	0.1323	
	8	0.4179	1.22	0.192	0.1323	
	9	0.4175	1.23	0.192	0.1323	
	10	0.4175	1.23	0.192	0.1323	

	replicate	p_value	K_alt	global_dNdS_reference	global_dNdS_test	
	1	0.4175	1.23	0.192	0.1323	
	2	0.4236	1.23	0.192	0.1323	
	3	0.4174	1.23	0.192	0.1323	
	4	0.4172	1.23	0.192	0.1323	
	5	0.4172	1.23	0.192	0.1323	
	6	0.4174	1.23	0.192	0.1323	
	7	0.4175	1.23	0.192	0.1323	
	8	0.4171	1.23	0.192	0.1323	
	9	0.4172	1.23	0.192	0.1323	
	10	0.4174	1.23	0.192	0.1323	

		reference	on Negative s election	0.016	0.0	SRV+Double	
		reference	Negative s election	0.182	100.0	SRV+Double	
		test	Diversifyi ng selecti	8.914	0.0	SRV+Double	
		test	Diversifyi ng selecti	5.922	0.0	SRV+Double	
		test	on Negative s election	0.006	0.0	SRV+Double	
		test	Negative s election	0.123	100.0	SRV+Double	
		test	Negative s election	0.016	0.0	SRV+Double	
		test	Negative s election	0.182	100.0	SRV+Double	
		reference	Diversifyi ng selecti on	1.255	0.0	SRV+Double	
		reference	Negative s election	0.012	0.0	SRV+Double	
		reference	Negative s election	0.172	100.0	SRV+Double	
		test	Diversifyi ng selecti on	1.255	0.0	SRV+Double	
		test	Negative s election	0.012	0.0	SRV+Double	
		test	Negative s election	0.172	100.0	SRV+Double	
		reference	Diversifyi ng selecti on	6.154	0.0	SRV+Double	
		reference	Negative s election	0.0	0.0	SRV+Double	
		reference	Negative s election	0.182	100.0	SRV+Double	
		test	Diversifyi ng selecti on	9.285	0.0	SRV+Double	
		test	Diversifyi ng selecti on	6.154	0.0	SRV+Double	
		test	Negative s election	0.0	0.0	SRV+Double	
		test	Negative s election	0.124	100.0	SRV+Double	
		test	Negative s election	0.0	0.0	SRV+Double	
		test	Negative s election	0.182	100.0	SRV+Double	
		reference	Diversifyi ng selecti on	1.285	0.0	SRV+Double	
		reference	Negative s election	0.002	0.0	SRV+Double	
		reference	Negative s election	0.172	100.0	SRV+Double	
		test	Diversifyi ng selecti on	1.285	0.0	SRV+Double	
		test	Negative s election	0.002	0.0	SRV+Double	
		test	Negative s election	0.172	100.0	SRV+Double	
		reference	Negative s election	0.177	14.736	SRV+Double	
		reference	Negative s election	0.182	85.239	SRV+Double	
		test	Negative s election	0.119	14.736	SRV+Double	
		test	Negative s election	0.124	85.239	SRV+Double	
		test	Negative s election	0.177	14.736	SRV+Double	
		test	Negative s election	0.182	85.239	SRV+Double	
		reference	Negative s election	0.167	14.702	SRV+Double	
		reference	Negative s election	0.171	85.274	SRV+Double	
		test	Negative s election	0.167	14.702	SRV+Double	
		test	Negative s election	0.171	85.274	SRV+Double	
		reference	Diversifyi ng selecti on	7.035	0.0	SRV+Double	
		reference	Negative s election	0.048	0.0	SRV+Double	
		reference	Negative s election	0.182	100.0	SRV+Double	
		test	Diversifyi ng selecti on	10.898	0.0	SRV+Double	
		test	Diversifyi ng selecti on	7.035	0.0	SRV+Double	
		test	Negative s election	0.024	0.0	SRV+Double	
		test	Negative s election	0.124	100.0	SRV+Double	
		test	Negative s election	0.048	0.0	SRV+Double	
		test	Negative s election	0.122	100.0	SRV+Double	
		reference	Diversifyi ng selecti on	1.372	0.0	SRV+Double	
			Negative s election	0.002	0.0	SRV+Double	

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

	class_id	syn_rate	proportion_per cent	run_type	
	1	0.0	15.016	SRV	
	2	0.0	29.604	SRV	
	3	1.806	55.38	SRV	
	1	0.0	29.937	SRV	
	2	0.0	13.92	SRV	
	3	1.781	56.144	SRV	
	1	0.0	28.295	SRV	
	2	0.0	15.54	SRV	
	3	1.78	56.166	SRV	
	1	0.0	14.508	SRV	
	2	0.0	30.305	SRV	
	3	1.812	55.187	SRV	
	1	0.0	44.804	SRV	
	2	1.812	55.196	SRV	
	3	1.962	0.0	SRV	
	1	0.0	32.494	SRV	
	2	0.0	11.301	SRV	
	3	1.779	56.205	SRV	
	1	0.0	15.485	SRV	
	2	0.0	28.341	SRV	
	3	1.78	56.174	SRV	
	1	0.0	3.945	SRV	
	2	0.0	40.814	SRV	
	3	1.81	55.24	SRV	
	1	0.0	31.084	SRV	
	2	0.0	12.762	SRV	
	3	1.781	56.154	SRV	
	1	0.0	44.791	SRV	
	2	1.811	55.209	SRV	
	3	1.895	0.0	SRV	

	reference	2H	0.0045	SRV+Double	
	test	2H	0.1044	SRV+Double	
	test	2H	0.1519	SRV+Double	
	reference	2H	0.0616	SRV+Double+Triple	
	reference	2H	0.0045	SRV+Double+Triple	
	reference	3H	0.0	SRV+Double+Triple	
	test	2H	0.152	SRV+Double+Triple	
	test	3H	0.0	SRV+Double+Triple	
	reference	2H	0.0057	SRV+Double+Triple	
	reference	2H	0.0044	SRV+Double+Triple	
	reference	3H	0.0	SRV+Double+Triple	
	test	2H	0.1051	SRV+Double+Triple	
	test	2H	0.1521	SRV+Double+Triple	
	test	3H	0.0	SRV+Double+Triple	
	reference	2H	0.0618	SRV+Double+Triple	
	reference	2H	0.0	SRV+Double+Triple	
	reference	3H	0.0	SRV+Double+Triple	
	test	2H	0.1441	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	0.0975	SRV+Double+Triple	
	test	2H	0.1539	SRV+Double+Triple	
	test	3H	0.0	SRV+Double+Triple	
	reference	2H	0.0622	SRV+Double+Triple	
	reference	2H	0.0046	SRV+Double+Triple	
	reference	3H	0.0	SRV+Double+Triple	
	test	2H	0.1523	SRV+Double+Triple	
	test	3H	0.0	SRV+Double+Triple	
	reference	2H	0.0058	SRV+Double+Triple	
	reference	2H	0.0044	SRV+Double+Triple	
	reference	3H	0.0	SRV+Double+Triple	
	test	2H	0.1045	SRV+Double+Triple	
	test	2H	0.1524	SRV+Double+Triple	
	test	3H	0.0	SRV+Double+Triple	
	reference	2H	0.0619	SRV+Double+Triple	
	reference	2H	0.0046	SRV+Double+Triple	
	reference	3H	0.0	SRV+Double+Triple	
	test	2H	0.1525	SRV+Double+Triple	
	test	3H	0.0	SRV+Double+Triple	
	reference	2H	0.0061	SRV+Double+Triple	
	reference	2H	0.0044	SRV+Double+Triple	
	reference	3H	0.0	SRV+Double+Triple	
	test	2H	0.105	SRV+Double+Triple	
	test	2H	0.1506	SRV+Double+Triple	
	test	3H	0.0	SRV+Double+Triple	
	reference	2H	0.0623	SRV+Double+Triple	
	reference	2H	0.0045	SRV+Double+Triple	
	reference	3H	0.0	SRV+Double+Triple	
	test	2H	0.1523	SRV+Double+Triple	