

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)

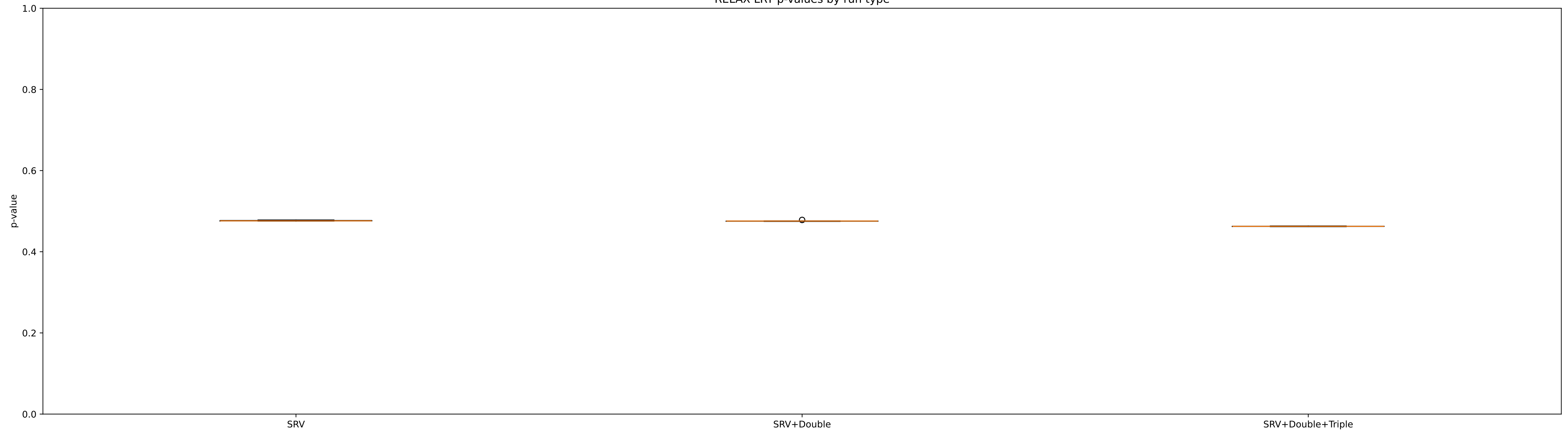
Run-type summary statistics

p_median	p_min	p_max	K_median	K_min	K_max	omega_ref_medi an	omega_test_med ian	warnings_count	2H_reference_m edian	2H_test_median
0.4761	0.4756	0.4782	0.51	0.51	0.52	0.2619	0.4046	10	nan	nan
0.4757	0.4748	0.4784	0.51	0.51	0.51	0.2619	0.4046	10	0.0	0.0
0.4626	0.4618	0.4635	0.52	0.51	0.52	0.2619	0.4046	10	0.0	0.0

K (alternative) by run type



RELAX LRT p-values by run type

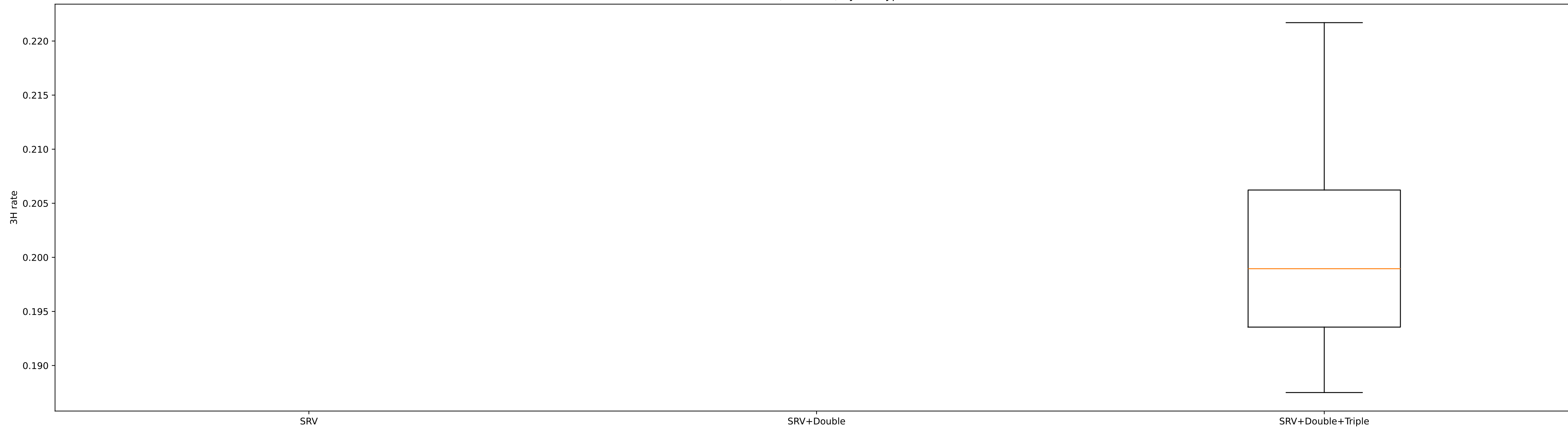


2H rates (reference) by run type





3H rates (reference) by run type





	replicate	p_value	K_alt	global_dNdS_reference	global_dNdS_test	
	1	0.4775	0.51	0.2619	0.4046	
	2	0.4762	0.51	0.2619	0.4046	
	3	0.4756	0.51	0.2619	0.4046	
	4	0.4756	0.52	0.2619	0.4046	
	5	0.4759	0.51	0.2619	0.4046	
	6	0.4771	0.52	0.2619	0.4046	
	7	0.476	0.51	0.2619	0.4046	
	8	0.4782	0.52	0.2619	0.4046	
	9	0.4758	0.51	0.2619	0.4046	
	10	0.4766	0.51	0.2619	0.4046	

	replicate	p_value	K_alt	global_dNdS_reference	global_dNdS_test	
	1	0.4748	0.51	0.2619	0.4046	
	2	0.4758	0.51	0.2619	0.4046	
	3	0.4753	0.51	0.2619	0.4046	
	4	0.4759	0.51	0.2619	0.4046	
	5	0.4758	0.51	0.2619	0.4046	
	6	0.4758	0.51	0.2619	0.4046	
	7	0.4784	0.51	0.2619	0.4046	
	8	0.4749	0.51	0.2619	0.4046	
	9	0.4756	0.51	0.2619	0.4046	
	10	0.4751	0.51	0.2619	0.4046	

	replicate	p_value	K_alt	global_dNdS_reference	global_dNdS_test	
	1	0.4628	0.52	0.2619	0.4046	
	2	0.4626	0.51	0.2619	0.4046	
	3	0.4635	0.52	0.2619	0.4046	
	4	0.4634	0.52	0.2619	0.4046	
	5	0.4624	0.52	0.2619	0.4046	
	6	0.4618	0.52	0.2619	0.4046	
	7	0.4623	0.52	0.2619	0.4046	
	8	0.463	0.52	0.2619	0.4046	
	9	0.4622	0.52	0.2619	0.4046	
	10	0.4626	0.52	0.2619	0.4046	

	test	Negative s election	0.019	0.0	SRV+Double	
	test	Negative s election	0.492	100.0	SRV+Double	
	test	Negative s election	0.0	0.0	SRV+Double	
	test	Negative s election	0.251	100.0	SRV+Double	
	reference	Diversifyi ng selecti on	1.168	0.0	SRV+Double	
	reference	Negative s election	0.002	0.0	SRV+Double	
	reference	Negative s election	0.256	100.0	SRV+Double	
	test	Diversifyi ng selecti on	1.168	0.0	SRV+Double	
	test	Negative s election	0.002	0.0	SRV+Double	
	test	Negative s election	0.256	100.0	SRV+Double	
	reference	Diversifyi ng selecti on	2.182	0.0	SRV+Double	
	reference	Negative s election	0.001	0.0	SRV+Double	
	reference	Negative s election	0.251	100.0	SRV+Double	
	test	Diversifyi ng selecti on	1.488	0.0	SRV+Double	
	test	Diversifyi ng selecti on	2.182	0.0	SRV+Double	
	test	Negative s election	0.028	0.0	SRV+Double	
	test	Negative s election	0.494	100.0	SRV+Double	
	test	Negative s election	0.001	0.0	SRV+Double	
	test	Negative s election	0.251	100.0	SRV+Double	
	reference	Diversifyi ng selecti on	5.809	0.0	SRV+Double	
	reference	Negative s election	0.003	0.0	SRV+Double	
	reference	Negative s election	0.256	100.0	SRV+Double	
	test	Diversifyi ng selecti on	5.809	0.0	SRV+Double	
	test	Negative s election	0.003	0.0	SRV+Double	
	test	Negative s election	0.256	100.0	SRV+Double	
	reference	Diversifyi ng selecti on	2.387	0.0	SRV+Double	
	reference	Negative s election	0.0	0.0	SRV+Double	
	reference	Negative s election	0.251	100.0	SRV+Double	
	test	Diversifyi ng selecti on	1.562	0.0	SRV+Double	
	test	Diversifyi ng selecti on	2.387	0.0	SRV+Double	
	test	Negative s election	0.016	0.0	SRV+Double	
	test	Negative s election	0.492	100.0	SRV+Double	
	test	Negative s election	0.0	0.0	SRV+Double	
	test	Negative s election	0.251	100.0	SRV+Double	
	reference	Diversifyi ng selecti on	6.317	0.0	SRV+Double	
	reference	Negative s election	0.002	0.0	SRV+Double	
	reference	Negative s election	0.256	100.0	SRV+Double	
	test	Diversifyi ng selecti on	6.317	0.0	SRV+Double	
	test	Negative s election	0.002	0.0	SRV+Double	
	test	Negative s election	0.256	100.0	SRV+Double	
	reference	Diversifyi ng selecti on	1.242	0.0	SRV+Double	
	reference	Negative s election	0.236	8.693	SRV+Double	
	reference	Negative s election	0.253	91.307	SRV+Double	
	test	Diversifyi ng selecti on	1.117	0.0	SRV+Double	
	test	Diversifyi ng selecti on	1.242	0.0	SRV+Double	
	test	Negative s election	0.479	8.693	SRV+Double	
	test	Negative s election	0.497	91.307	SRV+Double	
	test	Negative s election	0.236	8.693	SRV+Double	
	test	Negative s election	12 0.253	91.307	SRV+Double	
	reference	Diversifyi ng selecti on	2.32	0.0	SRV+Double	

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

	class_id	syn_rate	proportion_per cent	run_type	
	1	0.878	91.932	SRV	
	2	0.883	7.024	SRV	
	3	12.569	1.044	SRV	
	1	0.878	88.003	SRV	
	2	0.885	10.952	SRV	
	3	12.515	1.045	SRV	
	1	0.874	9.484	SRV	
	2	0.879	89.464	SRV	
	3	12.407	1.052	SRV	
	1	0.875	11.72	SRV	
	2	0.88	87.243	SRV	
	3	12.529	1.038	SRV	
	1	0.871	9.462	SRV	
	2	0.879	89.5	SRV	
	3	12.574	1.038	SRV	
	1	0.872	7.493	SRV	
	2	0.879	91.461	SRV	
	3	12.526	1.046	SRV	
	1	0.876	12.529	SRV	
	2	0.878	86.418	SRV	
	3	12.458	1.053	SRV	
	1	0.873	10.574	SRV	
	2	0.88	88.391	SRV	
	3	12.551	1.034	SRV	
	1	0.875	9.521	SRV	
	2	0.879	89.421	SRV	
	3	12.392	1.058	SRV	
	1	0.877	90.258	SRV	
	2	0.886	8.692	SRV	
	3	12.514	1.05	SRV	

	reference	2H	0.0	SRV+Double+Triple	
	reference	3H	0.1885	SRV+Double+Triple	
	reference	3H	0.1962	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	0.2178	SRV+Double+Triple	
	reference	3H	0.202	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	0.1891	SRV+Double+Triple	
	reference	3H	0.1961	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	0.2184	SRV+Double+Triple	
	reference	3H	0.2019	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	0.1879	SRV+Double+Triple	
	reference	3H	0.1949	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	0.218	SRV+Double+Triple	
	reference	3H	0.2011	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	0.1875	SRV+Double+Triple	
	reference	3H	0.1951	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	0.2177	SRV+Double+Triple	
	reference	3H	0.2015	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	0.1895	SRV+Double+Triple	
	reference	3H	0.1971	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	0.2186	SRV+Double+Triple	
	reference	3H	0.2019	SRV+Double+Triple	
	test	2H	0.0	SRV+Double+Triple	
	test	3H	0.0	SRV+Double+Triple	