

# RELAX Combined Report

SRV vs SRV+Double vs SRV+Double+Triple

Includes:

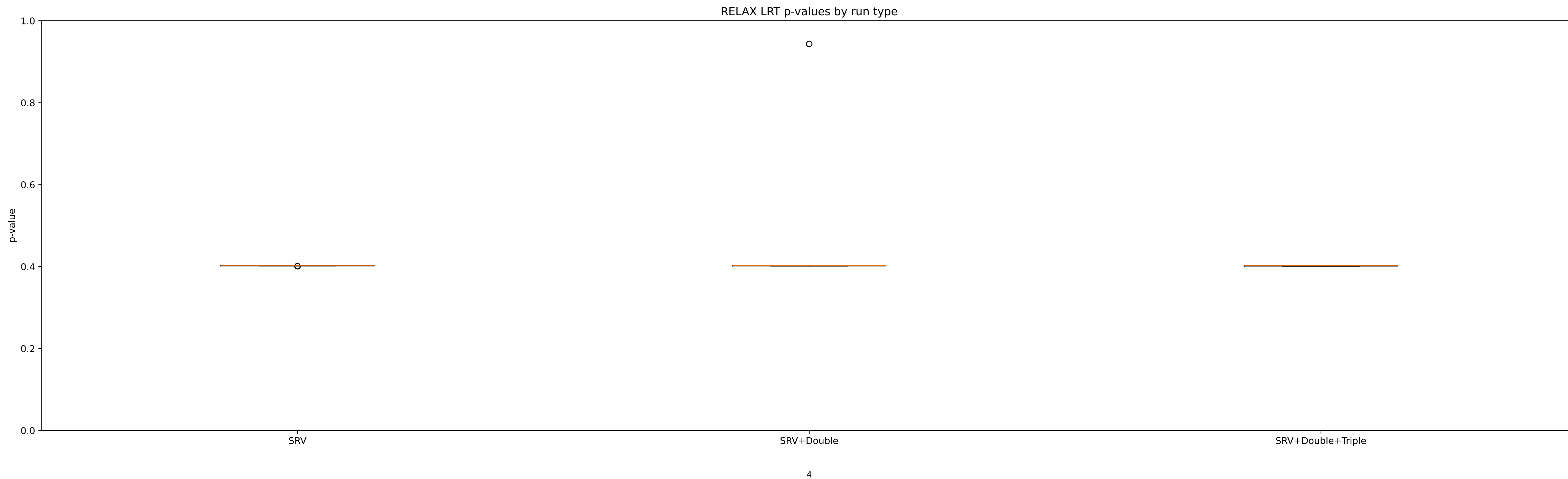
- Run-type summary
- Boxplots: K, p-values, 2H/3H
- Full omega/SRV/multihit tables (column-paged)

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
0.402	0.4009	0.4023	1.835	1.82	1.85	0.3029	0.1172	10	nan	nan
0.4021	0.4015	0.9435	1.83	1.83	1.84	0.3029	0.1172	10	0.0	0.0
0.402	0.4012	0.4025	1.835	1.82	1.84	0.3029	0.1172	10	0.0	0.0

K (alternative) 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	0.4018	1.84	0.3029	0.1172	
	2	0.4009	1.84	0.3029	0.1172	
	3	0.4017	1.83	0.3029	0.1172	
	4	0.4021	1.83	0.3029	0.1172	
	5	0.402	1.82	0.3029	0.1172	
	6	0.402	1.84	0.3029	0.1172	
	7	0.4023	1.83	0.3029	0.1172	
	8	0.4021	1.84	0.3029	0.1172	
	9	0.4009	1.85	0.3029	0.1172	
	10	0.4019	1.83	0.3029	0.1172	

	replicate	p_value	K_alt	global_dNdS_reference	global_dNdS_test	
	1	0.4022	1.83	0.3029	0.1172	
	2	0.9435	1.83	0.3029	0.1172	
	3	0.4023	1.84	0.3029	0.1172	
	4	0.4016	1.83	0.3029	0.1172	
	5	0.4019	1.83	0.3029	0.1172	
	6	0.4022	1.83	0.3029	0.1172	
	7	0.4022	1.84	0.3029	0.1172	
	8	0.402	1.83	0.3029	0.1172	
	9	0.4015	1.83	0.3029	0.1172	
	10	0.4016	1.83	0.3029	0.1172	

	replicate	p_value	K_alt	global_dNdS_reference	global_dNdS_test	
	1	0.4012	1.84	0.3029	0.1172	
	2	0.4025	1.84	0.3029	0.1172	
	3	0.4021	1.82	0.3029	0.1172	
	4	0.4016	1.83	0.3029	0.1172	
	5	0.4014	1.84	0.3029	0.1172	
	6	0.4014	1.84	0.3029	0.1172	
	7	0.4019	1.84	0.3029	0.1172	
	8	0.4021	1.83	0.3029	0.1172	
	9	0.4021	1.82	0.3029	0.1172	
	10	0.4021	1.83	0.3029	0.1172	

	test	Negative s election	0.0	0.0	SRV+Double	
	test	Negative s election	0.121	100.0	SRV+Double	
	test	Negative s election	0.008	0.0	SRV+Double	
	test	Negative s election	0.316	100.0	SRV+Double	
	reference	Diversifyi ng selecti on	Ω-class distributions (all) (cols 1-7/7)	0.0	SRV+Double	
	reference	Negative s election		16.077	SRV+Double	
	reference	Negative s election		83.923	SRV+Double	
	test	Diversifyi ng selecti on		0.0	SRV+Double	
	test	Negative s election		16.077	SRV+Double	
	test	Negative s election		83.923	SRV+Double	
	reference	Diversifyi ng selecti on		0.0	SRV+Double	
	reference	Negative s election		0.0	SRV+Double	
	reference	Negative s election		100.0	SRV+Double	
	test	Diversifyi ng selecti on		0.0	SRV+Double	
	test	Diversifyi ng selecti on		0.0	SRV+Double	
	test	Negative s election		0.0	SRV+Double	
	test	Negative s election	0.121	100.0	SRV+Double	
	test	Negative s election	0.003	0.0	SRV+Double	
	test	Negative s election	0.315	100.0	SRV+Double	
	reference	Diversifyi ng selecti on	1.084	0.0	SRV+Double	
	reference	Negative s election	0.0	0.0	SRV+Double	
	reference	Negative s election	0.292	100.0	SRV+Double	
	test	Diversifyi ng selecti on	1.084	0.0	SRV+Double	
	test	Negative s election	0.0	0.0	SRV+Double	
	test	Negative s election	0.292	100.0	SRV+Double	
	reference	Diversifyi ng selecti on	6.795	0.0	SRV+Double	
	reference	Negative s election	0.002	0.0	SRV+Double	
	reference	Negative s election	0.316	100.0	SRV+Double	
	test	Diversifyi ng selecti on	33.416	0.0	SRV+Double	
	test	Diversifyi ng selecti on	6.795	0.0	SRV+Double	
	test	Negative s election	0.0	0.0	SRV+Double	
	test	Negative s election	0.121	100.0	SRV+Double	
	test	Negative s election	0.002	0.0	SRV+Double	
	test	Negative s election	0.316	100.0	SRV+Double	
	reference	Diversifyi ng selecti on	1.404	0.0	SRV+Double	
	reference	Negative s election	0.0	0.0	SRV+Double	
	reference	Negative s election	0.292	100.0	SRV+Double	
	test	Diversifyi ng selecti on	1.404	0.0	SRV+Double	
	test	Negative s election	0.0	0.0	SRV+Double	
	test	Negative s election	0.292	100.0	SRV+Double	
	reference	Diversifyi ng selecti on	2.364	0.0	SRV+Double	
	reference	Negative s election	0.285	31.141	SRV+Double	
	reference	Negative s election	0.33	68.859	SRV+Double	
	test	Diversifyi ng selecti on	4.863	0.0	SRV+Double	
	test	Diversifyi ng selecti on	2.364	0.0	SRV+Double	
	test	Negative s election	0.099	31.141	SRV+Double	
	test	Negative s election	0.13	68.859	SRV+Double	
	test	Negative s election	0.285	31.141	SRV+Double	
	test	Negative s election	12 0.33	68.859	SRV+Double	
	reference	Diversifyi ng selecti on	5.151	0.0	SRV+Double	

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

	class_id	syn_rate	proportion_per cent	run_type	
	1	0.011	59.376	SRV	
	2	0.276	30.631	SRV	
	3	9.098	9.993	SRV	
	1	0.06	58.169	SRV	
	2	0.163	31.741	SRV	
	3	9.051	10.091	SRV	
	1	0.016	56.964	SRV	
	2	0.243	32.994	SRV	
	3	9.068	10.042	SRV	
	1	0.027	59.391	SRV	
	2	0.211	30.33	SRV	
	3	8.946	10.28	SRV	
	1	0.0	56.534	SRV	
	2	0.315	33.772	SRV	
	3	9.219	9.695	SRV	
	1	0.014	58.882	SRV	
	2	0.272	31.165	SRV	
	3	9.11	9.953	SRV	
	1	0.023	58.397	SRV	
	2	0.242	31.546	SRV	
	3	9.049	10.057	SRV	
	1	0.028	57.718	SRV	
	2	0.228	32.22	SRV	
	3	9.049	10.062	SRV	
	1	0.068	60.462	SRV	
	2	0.171	29.563	SRV	
	3	9.104	9.975	SRV	
	1	0.021	58.444	SRV	
	2	0.231	31.415	SRV	
	3	9.021	10.141	SRV	

