

# RELAX Combined Report

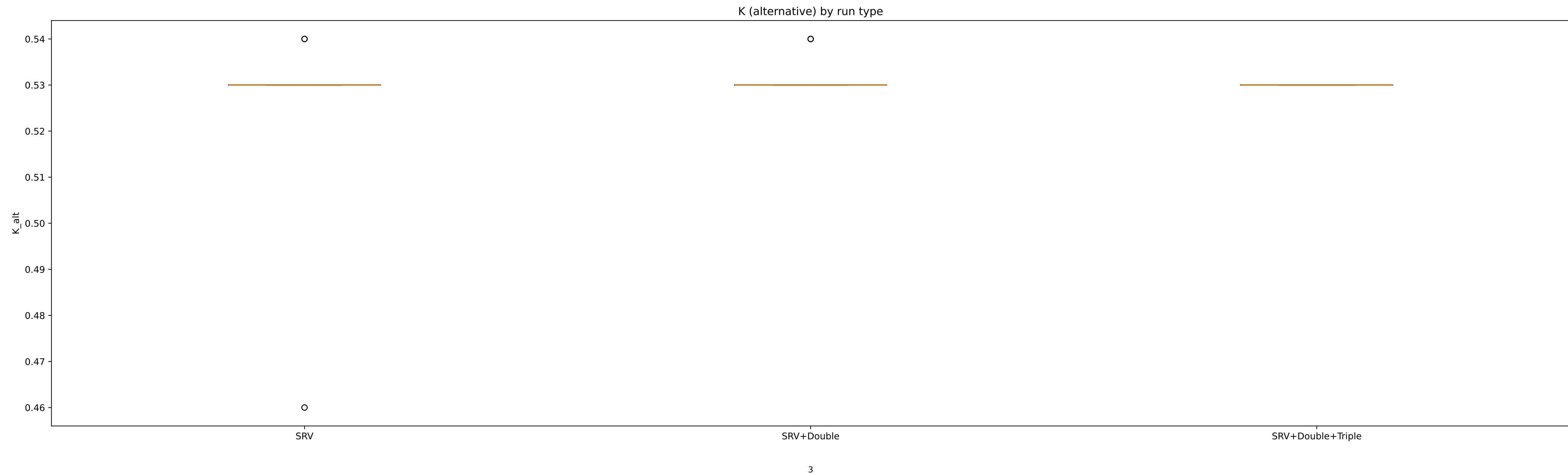
SRV vs SRV+Double vs SRV+Double+Triple

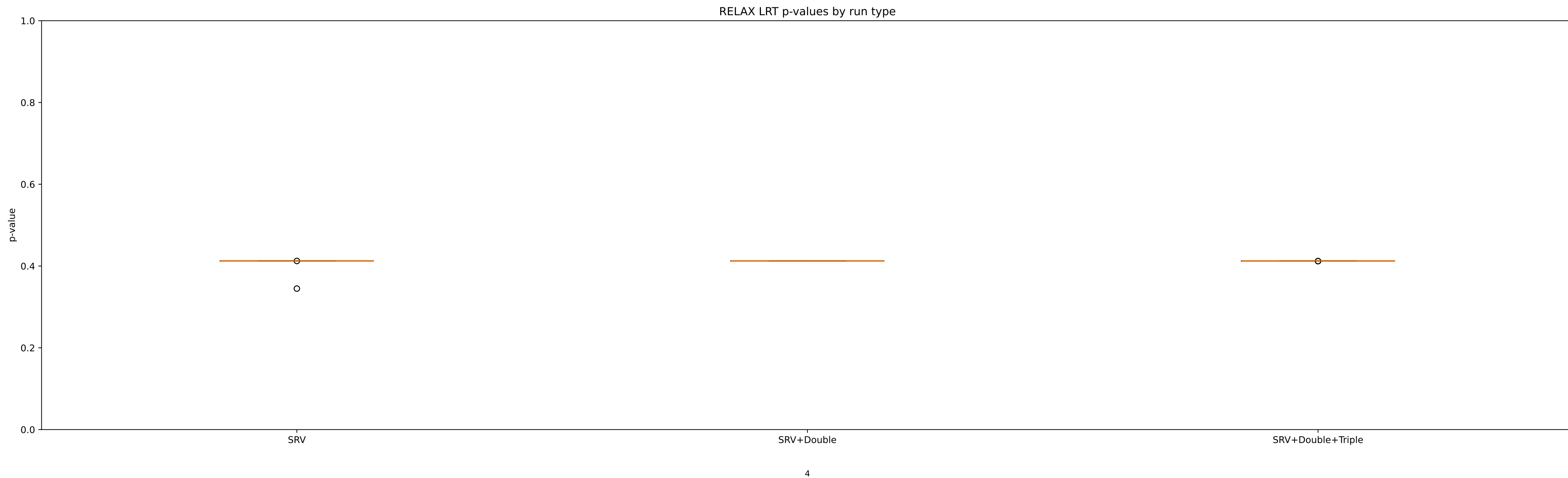
Includes:

- 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
0.4126	0.3448	0.4127	0.53	0.46	0.54	0.2593	0.4856	10	nan	nan
0.4126	0.4124	0.4127	0.53	0.53	0.54	0.2593	0.4856	10	0.0	0.0
0.4126	0.4119	0.4127	0.53	0.53	0.53	0.2593	0.4854	10	0.0	0.0





2H rates (reference) by run type





3H rates (reference) by run type







	replicate	p_value	K_alt	global_dNdS_reference	global_dNdS_test	
	1	0.3448	0.46	0.2602	0.5462	
	2	0.4124	0.53	0.2594	0.4856	
	3	0.4125	0.53	0.2593	0.4846	
	4	0.4126	0.53	0.2592	0.4839	
	5	0.4126	0.54	0.2591	0.4853	
	6	0.4126	0.53	0.2591	0.4855	
	7	0.4126	0.53	0.2594	0.4862	
	8	0.4127	0.53	0.2594	0.4856	
	9	0.4126	0.53	0.2594	0.4857	
	10	0.4126	0.54	0.259	0.4853	

	replicate	p_value	K_alt	global_dNdS_reference	global_dNdS_test	
	1	0.4126	0.53	0.2592	0.4847	
	2	0.4126	0.53	0.2593	0.4857	
	3	0.4127	0.53	0.2594	0.4857	
	4	0.4126	0.53	0.2593	0.4857	
	5	0.4125	0.53	0.2591	0.4855	
	6	0.4124	0.53	0.2594	0.4857	
	7	0.4126	0.54	0.2592	0.4848	
	8	0.4126	0.54	0.2593	0.4857	
	9	0.4125	0.53	0.2592	0.4847	
	10	0.4125	0.53	0.2595	0.4852	

	replicate	p_value	K_alt	global_dNdS_reference	global_dNdS_test	
	1	0.4126	0.53	0.2593	0.4852	
	2	0.4126	0.53	0.2592	0.4842	
	3	0.4121	0.53	0.2593	0.4856	
	4	0.4124	0.53	0.2594	0.4855	
	5	0.4126	0.53	0.2593	0.4846	
	6	0.4126	0.53	0.2594	0.4851	
	7	0.4126	0.53	0.2592	0.4849	
	8	0.4127	0.53	0.2594	0.4857	
	9	0.4119	0.53	0.2596	0.4857	
	10	0.4126	0.53	0.2593	0.4861	

	test	Negative s election	0.483	100.0	SRV+Double	
	test	Negative s election	0.925	0.0	SRV+Double	
	test	Negative s election	0.255	100.0	SRV+Double	
	test	Negative s election	0.864	0.0	SRV+Double	
	reference	Diversifyi ng selecti on	0.388	0.0	SRV+Double	
	reference	Negative s election	0.265	98.235	SRV+Double	
	reference	Negative s election	0.27	1.765	SRV+Double	
	test	Diversifyi ng selecti on	4.368	0.0	SRV+Double	
	test	Negative s election	0.265	98.235	SRV+Double	
	test	Negative s election	0.27	1.765	SRV+Double	
	reference	Diversifyi ng selecti on	2.265	0.0	SRV+Double	
	reference	Negative s election	0.255	100.0	SRV+Double	
	reference	Negative s election	0.915	0.0	SRV+Double	
	test	Diversifyi ng selecti on	1.546	0.0	SRV+Double	
	test	Diversifyi ng selecti on	2.265	0.0	SRV+Double	
	test	Negative s election	0.483	100.0	SRV+Double	
	test	Negative s election	0.954	0.0	SRV+Double	
	test	Negative s election	0.255	100.0	SRV+Double	
	test	Negative s election	0.915	0.0	SRV+Double	
	reference	Diversifyi ng selecti on	5.494	0.0	SRV+Double	
	reference	Negative s election	0.264	54.839	SRV+Double	
	reference	Negative s election	0.267	45.161	SRV+Double	
	test	Diversifyi ng selecti on	5.494	0.0	SRV+Double	
	test	Negative s election	0.264	54.839	SRV+Double	
	test	Negative s election	0.267	45.161	SRV+Double	
	reference	Diversifyi ng selecti on	3.397	0.0	SRV+Double	
	reference	Negative s election	0.255	100.0	SRV+Double	
	reference	Negative s election	0.837	0.0	SRV+Double	
	test	Diversifyi ng selecti on	1.922	0.0	SRV+Double	
	test	Diversifyi ng selecti on	3.397	0.0	SRV+Double	
	test	Negative s election	0.482	100.0	SRV+Double	
	test	Negative s election	0.909	0.0	SRV+Double	
	test	Negative s election	0.255	100.0	SRV+Double	
	test	Negative s election	0.837	0.0	SRV+Double	
	reference	Diversifyi ng selecti on	1.206	0.0	SRV+Double	
	reference	Negative s election	0.266	100.0	SRV+Double	
	reference	Negative s election	0.65	0.0	SRV+Double	
	test	Diversifyi ng selecti on	1.206	0.0	SRV+Double	
	test	Negative s election	0.266	100.0	SRV+Double	
	test	Negative s election	0.65	0.0	SRV+Double	
	reference	Diversifyi ng selecti on	7.544	0.0	SRV+Double	
	reference	Negative s election	0.006	0.0	SRV+Double	
	reference	Negative s election	0.256	100.0	SRV+Double	
	test	Diversifyi ng selecti on	2.951	0.0	SRV+Double	
	test	Diversifyi ng selecti on	7.544	0.0	SRV+Double	
	test	Negative s election	0.065	0.0	SRV+Double	
	test	Negative s election	0.482	100.0	SRV+Double	
	test	Negative s election	0.006	0.0	SRV+Double	
	test	Negative s election	12 0.256	100.0	SRV+Double	
	reference	Diversifyi ng selecti on	1.728	0.0	SRV+Double	

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

	class_id	syn_rate	proportion_per cent	run_type	
	1	0.0	34.33	SRV	
	2	0.0	18.836	SRV	
	3	2.135	46.834	SRV	
	1	0.0	55.12	SRV	
	2	0.003	0.0	SRV	
	3	2.228	44.88	SRV	
	1	0.0	12.118	SRV	
	2	0.0	43.001	SRV	
	3	2.228	44.881	SRV	
	1	0.0	28.914	SRV	
	2	0.0	26.21	SRV	
	3	2.228	44.877	SRV	
	1	0.0	55.117	SRV	
	2	0.006	0.0	SRV	
	3	2.228	44.883	SRV	
	1	0.0	48.416	SRV	
	2	0.0	6.708	SRV	
	3	2.228	44.876	SRV	
	1	0.0	55.121	SRV	
	2	2.228	40.259	SRV	
	3	2.228	4.62	SRV	
	1	0.0	54.694	SRV	
	2	0.0	0.421	SRV	
	3	2.228	44.885	SRV	
	1	0.0	55.12	SRV	
	2	0.003	0.0	SRV	
	3	2.228	44.88	SRV	
	1	0.0	29.592	SRV	
	2	0.0	25.526	SRV	
	3	2.228	44.882	SRV	

[illegible]