

RELAX Combined Report

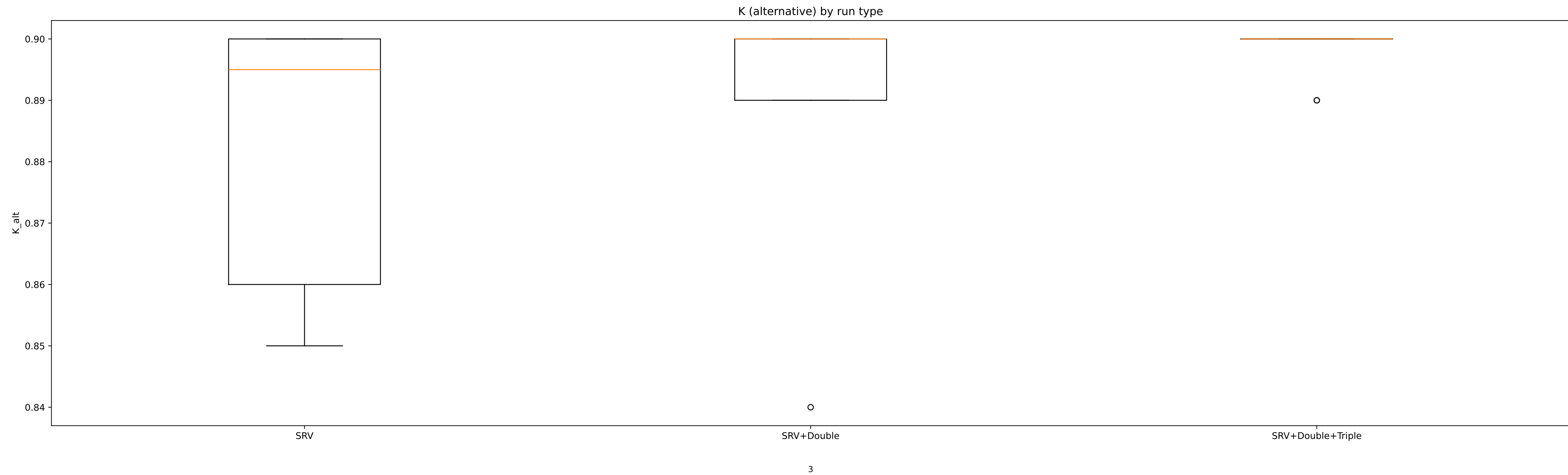
SRV vs SRV+Double vs SRV+Double+Triple

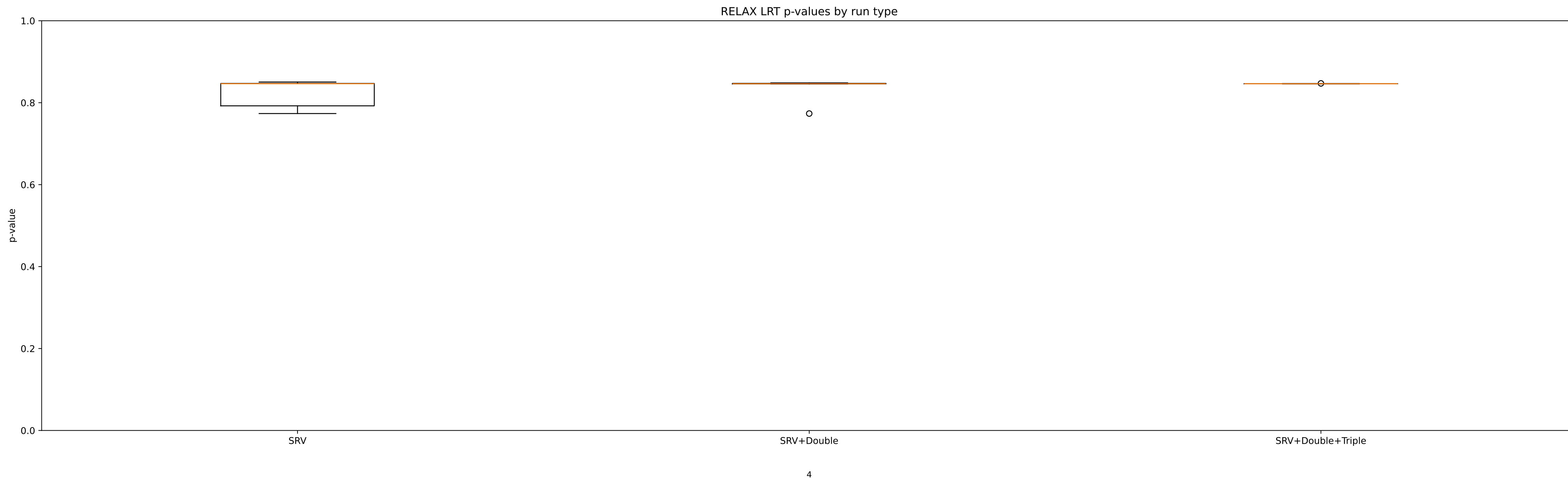
Includes:

- 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
0.8463	0.7735	0.8505	0.895	0.85	0.9	0.2672	0.3034	10	nan	nan
0.8464	0.7735	0.8483	0.9	0.84	0.9	0.2671	0.3033	10	0.0	0.0
0.8462	0.8458	0.8471	0.9	0.89	0.9	0.267	0.3032	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	0.8505	0.89	0.2669	0.3033	
	2	0.8459	0.9	0.2673	0.3034	
	3	0.7745	0.85	0.2679	0.3281	
	4	0.7738	0.85	0.2676	0.3279	
	5	0.8461	0.9	0.267	0.3025	
	6	0.8491	0.89	0.2673	0.3035	
	7	0.7735	0.85	0.2678	0.3287	
	8	0.8471	0.9	0.267	0.3032	
	9	0.8467	0.9	0.2672	0.3034	
	10	0.8465	0.9	0.2672	0.3034	

	replicate	p_value	K_alt	global_dNdS_reference	global_dNdS_test	
	1	0.8466	0.9	0.2669	0.3033	
	2	0.8478	0.9	0.2672	0.3034	
	3	0.7735	0.84	0.268	0.3283	
	4	0.8463	0.89	0.2672	0.3034	
	5	0.8458	0.89	0.267	0.3032	
	6	0.846	0.9	0.2671	0.303	
	7	0.8459	0.9	0.2672	0.3034	
	8	0.8474	0.9	0.2669	0.3033	
	9	0.8483	0.9	0.2671	0.303	
	10	0.8465	0.89	0.267	0.3032	

	replicate	p_value	K_alt	global_dNdS_reference	global_dNdS_test	
	1	0.8467	0.89	0.267	0.3032	
	2	0.8471	0.89	0.267	0.3032	
	3	0.8464	0.9	0.267	0.3032	
	4	0.8458	0.9	0.2667	0.3032	
	5	0.8461	0.9	0.267	0.3032	
	6	0.8461	0.9	0.2673	0.3034	
	7	0.8461	0.9	0.2671	0.303	
	8	0.8463	0.9	0.2672	0.3034	
	9	0.8465	0.9	0.2672	0.3034	
	10	0.8459	0.9	0.2672	0.3034	

	test	Negative selection	0.304	100.0	SRV+Double	
	test	Negative selection	0.923	0.0	SRV+Double	
	test	Negative selection	0.263	100.0	SRV+Double	
	test	Negative selection	0.914	0.0	SRV+Double	
	reference	Diversifying selection	0.46	0.0	SRV+Double	
	reference	Negative selection	0.266	100.0	SRV+Double	
	reference	Negative selection	0.729	0.0	SRV+Double	
	test	Diversifying selection	1.46	0.0	SRV+Double	
	test	Negative selection	0.266	100.0	SRV+Double	
	test	Negative selection	0.729	0.0	SRV+Double	
	reference	Diversifying selection	2.638	0.0	SRV+Double	
	reference	Negative selection	0.263	100.0	SRV+Double	
	reference	Negative selection	0.915	0.0	SRV+Double	
	test	Diversifying selection	2.378	0.0	SRV+Double	
	test	Diversifying selection	2.638	0.0	SRV+Double	
	test	Negative selection	0.303	100.0	SRV+Double	
	test	Negative selection	0.924	0.0	SRV+Double	
	test	Negative selection	0.263	100.0	SRV+Double	
	test	Negative selection	0.915	0.0	SRV+Double	
	reference	Diversifying selection	8.234	0.0	SRV+Double	
	reference	Negative selection	0.265	100.0	SRV+Double	
	reference	Negative selection	0.731	0.0	SRV+Double	
	test	Diversifying selection	8.234	0.0	SRV+Double	
	test	Negative selection	0.265	100.0	SRV+Double	
	test	Negative selection	0.731	0.0	SRV+Double	
	reference	Diversifying selection	1.551	0.0	SRV+Double	
	reference	Negative selection	0.0	0.0	SRV+Double	
	reference	Negative selection	0.263	100.0	SRV+Double	
	test	Diversifying selection	1.482	0.0	SRV+Double	
	test	Diversifying selection	1.551	0.0	SRV+Double	
	test	Negative selection	0.0	0.0	SRV+Double	
	test	Negative selection	0.301	100.0	SRV+Double	
	test	Negative selection	0.0	0.0	SRV+Double	
	test	Negative selection	0.263	100.0	SRV+Double	
	reference	Diversifying selection	3.639	0.0	SRV+Double	
	reference	Negative selection	0.002	0.0	SRV+Double	
	reference	Negative selection	0.266	100.0	SRV+Double	
	test	Diversifying selection	3.639	0.0	SRV+Double	
	test	Negative selection	0.002	0.0	SRV+Double	
	test	Negative selection	0.266	100.0	SRV+Double	
	reference	Diversifying selection	2.462	0.0	SRV+Double	
	reference	Negative selection	0.262	100.0	SRV+Double	
	reference	Negative selection	0.915	0.0	SRV+Double	
	test	Diversifying selection	2.246	0.0	SRV+Double	
	test	Diversifying selection	2.462	0.0	SRV+Double	
	test	Negative selection	0.301	100.0	SRV+Double	
	test	Negative selection	0.923	0.0	SRV+Double	
	test	Negative selection	0.262	100.0	SRV+Double	
	test	Negative selection	12 0.915	0.0	SRV+Double	
	reference	Diversifying selection	6.777	0.0	SRV+Double	

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

	class_id	syn_rate	proportion_per cent	run_type	
	1	0.0	55.119	SRV	
	2	0.0	0.0	SRV	
	3	2.228	44.881	SRV	
	1	0.0	55.12	SRV	
	2	0.0	0.0	SRV	
	3	2.228	44.88	SRV	
	1	0.0	52.014	SRV	
	2	0.0	1.158	SRV	
	3	2.135	46.828	SRV	
	1	0.0	53.166	SRV	
	2	2.135	44.174	SRV	
	3	2.135	2.661	SRV	
	1	0.0	51.888	SRV	
	2	0.0	3.231	SRV	
	3	2.228	44.88	SRV	
	1	0.0	55.118	SRV	
	2	0.0	0.0	SRV	
	3	2.228	44.882	SRV	
	1	0.0	18.316	SRV	
	2	0.0	34.855	SRV	
	3	2.135	46.829	SRV	
	1	0.0	55.121	SRV	
	2	0.0	0.0	SRV	
	3	2.228	44.879	SRV	
	1	0.0	53.225	SRV	
	2	0.0	1.895	SRV	
	3	2.228	44.879	SRV	
	1	0.0	30.703	SRV	
	2	0.0	24.418	SRV	
	3	2.228	44.879	SRV	

[illegible]