

RELAX Combined Report

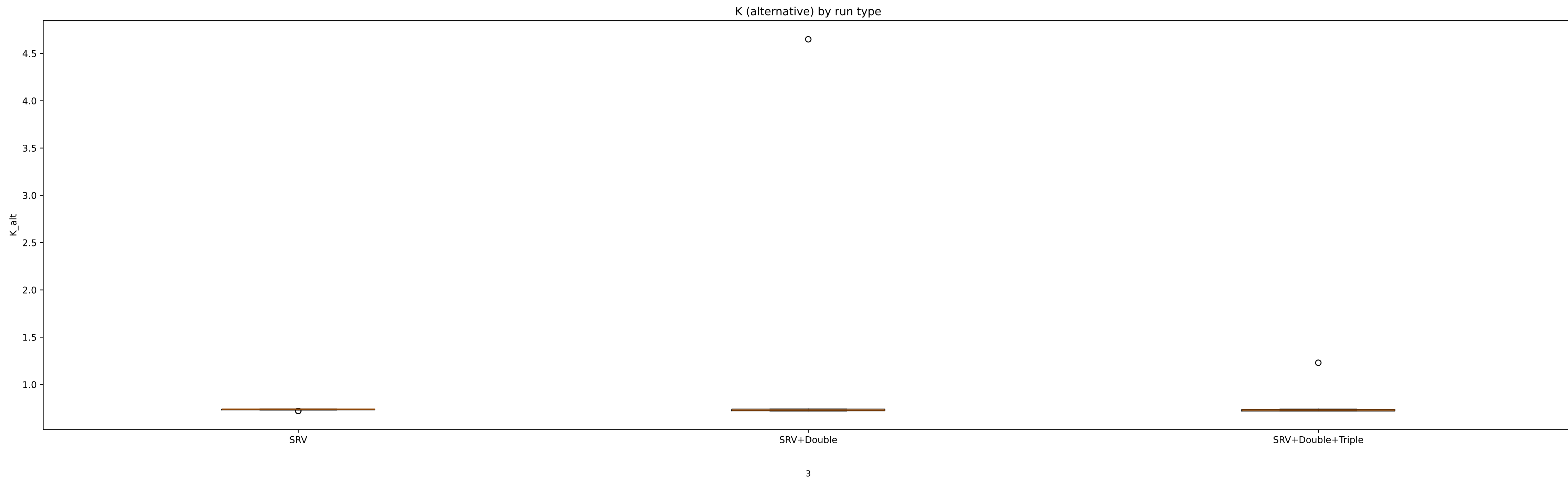
SRV vs SRV+Double vs SRV+Double+Triple

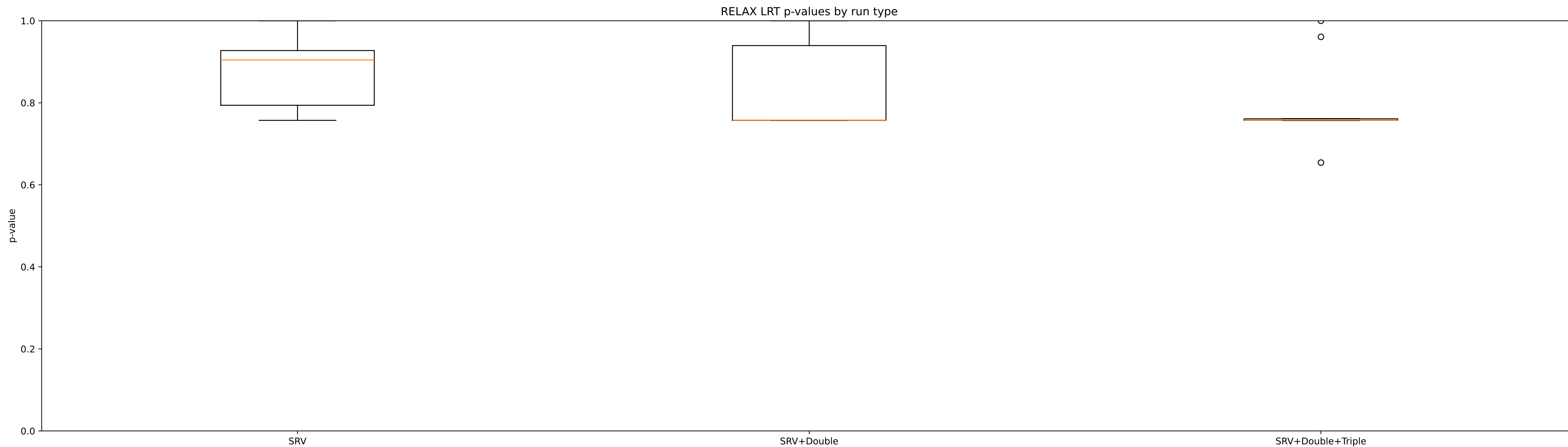
Includes:

- 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
0.9045	0.7572	1.0	0.74	0.72	0.74	0.3115	0.4172	10	nan	nan
0.7577	0.7571	1.0	0.73	0.72	4.65	0.3115	0.4172	10	0.0	0.0
0.7579	0.6542	1.0	0.73	0.72	1.23	0.3115	0.4172	10	0.0	0.0





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	0.8908	0.74	0.3115	0.4172	
	2	0.7617	0.72	0.3116	0.4172	
	3	1.0	0.74	0.3113	0.4177	
	4	0.9021	0.74	0.3115	0.4172	
	5	0.929	0.74	0.3115	0.4172	
	6	0.7572	0.73	0.3115	0.4172	
	7	0.758	0.72	0.3115	0.4172	
	8	0.9228	0.74	0.3115	0.4172	
	9	0.9391	0.74	0.3113	0.4177	
	10	0.9069	0.74	0.3115	0.4172	

	replicate	p_value	K_alt	global_dNdS_reference	global_dNdS_test	
	1	0.758	0.72	0.3115	0.4172	
	2	0.7572	0.72	0.3115	0.4172	
	3	0.7578	0.72	0.3115	0.4172	
	4	1.0	0.74	0.3115	0.4172	
	5	0.7572	0.73	0.3115	0.4172	
	6	1.0	0.74	0.3115	0.4172	
	7	1.0	0.74	0.3115	0.4172	
	8	0.7571	0.73	0.3115	0.4172	
	9	0.7575	4.65	0.3115	0.4172	
	10	0.7576	0.73	0.3113	0.4177	

	replicate	p_value	K_alt	global_dNdS_reference	global_dNdS_test	
	1	0.758	0.73	0.3115	0.4172	
	2	0.7575	0.72	0.3115	0.4172	
	3	0.6542	1.23	0.3113	0.4177	
	4	0.7578	0.72	0.3115	0.4172	
	5	0.9608	0.74	0.3115	0.4172	
	6	0.7576	0.73	0.3115	0.4172	
	7	0.7592	0.73	0.3115	0.4172	
	8	0.7615	0.72	0.3115	0.4172	
	9	1.0	0.74	0.3115	0.4172	
	10	0.7569	0.72	0.3113	0.4177	

	test	Negative selection	0.324	0.0	SRV+Double	
	test	Negative selection	0.415	100.0	SRV+Double	
	test	Negative selection	0.218	0.0	SRV+Double	
	test	Negative selection	0.304	100.0	SRV+Double	
	reference	Diversifying selection	1.165	0.0	SRV+Double	
	reference	Negative selection	0.2	0.0	SRV+Double	
	reference	Negative selection	0.31	100.0	SRV+Double	
	test	Diversifying selection	1.164	0.0	SRV+Double	
	test	Negative selection	0.2	0.0	SRV+Double	
	test	Negative selection	0.31	100.0	SRV+Double	
	reference	Diversifying selection	1.017	0.0	SRV+Double	
	reference	Negative selection	0.241	0.0	SRV+Double	
	reference	Negative selection	0.304	100.0	SRV+Double	
	test	Diversifying selection	1.012	0.0	SRV+Double	
	test	Diversifying selection	1.017	0.0	SRV+Double	
	test	Negative selection	0.356	0.0	SRV+Double	
	test	Negative selection	0.421	100.0	SRV+Double	
	test	Negative selection	0.241	0.0	SRV+Double	
	test	Negative selection	0.304	100.0	SRV+Double	
	reference	Diversifying selection	1.104	0.0	SRV+Double	
	reference	Negative selection	0.147	0.0	SRV+Double	
	reference	Negative selection	0.31	100.0	SRV+Double	
	test	Diversifying selection	1.104	0.0	SRV+Double	
	test	Negative selection	0.147	0.0	SRV+Double	
	test	Negative selection	0.31	100.0	SRV+Double	
	reference	Diversifying selection	1.008	0.0	SRV+Double	
	reference	Negative selection	0.123	0.0	SRV+Double	
	reference	Negative selection	0.304	100.0	SRV+Double	
	test	Diversifying selection	1.006	0.0	SRV+Double	
	test	Diversifying selection	1.008	0.0	SRV+Double	
	test	Negative selection	0.214	0.0	SRV+Double	
	test	Negative selection	0.415	100.0	SRV+Double	
	test	Negative selection	0.123	0.0	SRV+Double	
	test	Negative selection	0.304	100.0	SRV+Double	
	reference	Diversifying selection	1.088	0.0	SRV+Double	
	reference	Negative selection	0.283	0.0	SRV+Double	
	reference	Negative selection	0.31	100.0	SRV+Double	
	test	Diversifying selection	1.088	0.0	SRV+Double	
	test	Negative selection	0.283	0.0	SRV+Double	
	test	Negative selection	0.31	100.0	SRV+Double	
	reference	Diversifying selection	1.006	0.0	SRV+Double	
	reference	Negative selection	0.304	100.0	SRV+Double	
	reference	Negative selection	0.306	0.0	SRV+Double	
	test	Diversifying selection	1.004	0.0	SRV+Double	
	test	Diversifying selection	1.006	0.0	SRV+Double	
	test	Negative selection	0.414	100.0	SRV+Double	
	test	Negative selection	0.417	0.0	SRV+Double	
	test	Negative selection	0.304	100.0	SRV+Double	
	test	Negative selection	12 0.306	0.0	SRV+Double	
	reference	Diversifying selection	1.165	0.0	SRV+Double	

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

	class_id	syn_rate	proportion_per cent	run_type	
	1	0.006	0.0	SRV	
	2	0.249	79.379	SRV	
	3	3.892	20.621	SRV	
	1	0.458	58.713	SRV	
	2	0.834	34.617	SRV	
	3	6.632	6.671	SRV	
	1	0.001	0.0	SRV	
	2	0.373	85.51	SRV	
	3	4.701	14.49	SRV	
	1	0.002	0.0	SRV	
	2	0.242	79.036	SRV	
	3	3.858	20.964	SRV	
	1	0.0	0.0	SRV	
	2	0.262	80.026	SRV	
	3	3.958	19.974	SRV	
	1	0.431	6.195	SRV	
	2	0.599	86.864	SRV	
	3	6.531	6.941	SRV	
	1	0.03	0.0	SRV	
	2	0.59	93.172	SRV	
	3	6.601	6.828	SRV	
	1	0.005	0.0	SRV	
	2	0.226	78.253	SRV	
	3	3.784	21.747	SRV	
	1	0.002	0.0	SRV	
	2	0.318	82.829	SRV	
	3	4.289	17.171	SRV	
	1	0.005	0.0	SRV	
	2	0.215	77.702	SRV	
	3	3.734	22.298	SRV	

[illegible]