

RELAX Combined Report

SRV vs SRV+Double vs SRV+Double+Triple

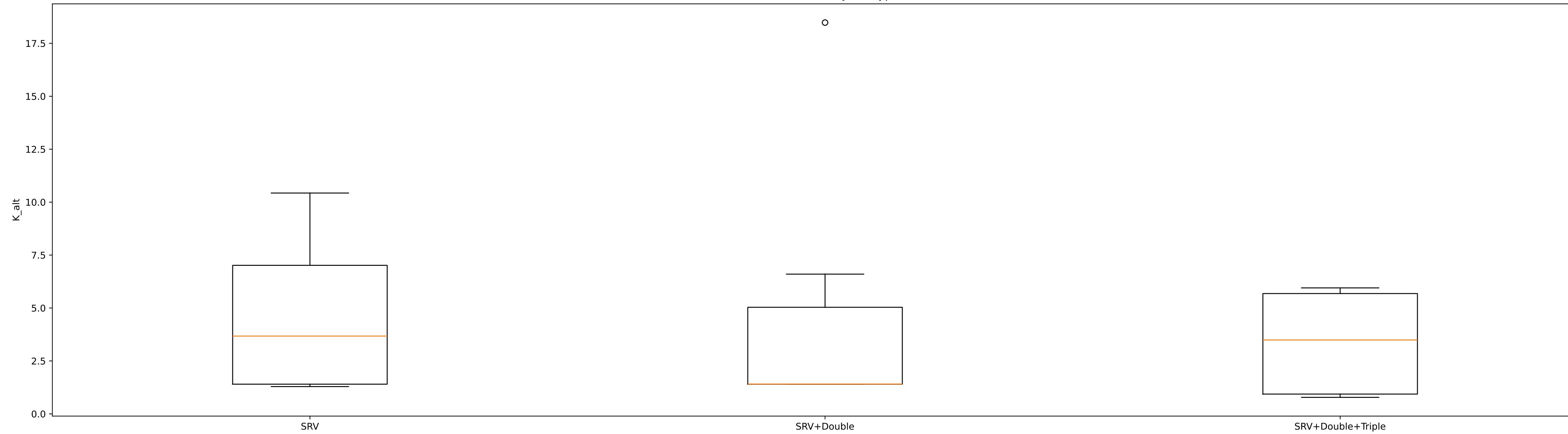
Includes:

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

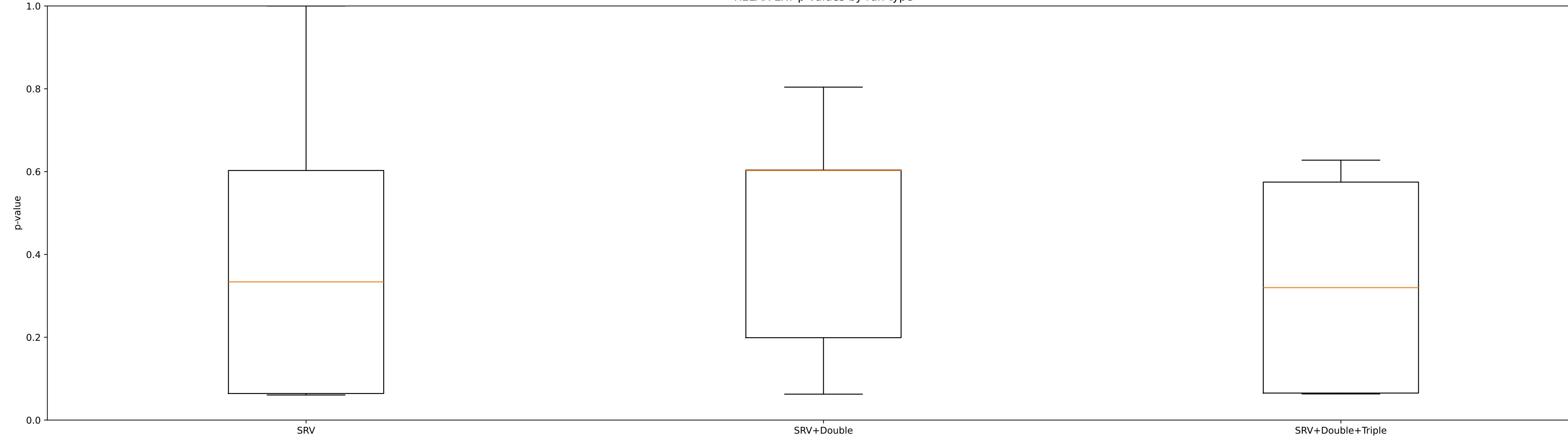
Run-type summary statistics

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
0.3337	0.0605	1.0	3.675	1.29	10.43	0.3279	0.2081	10	nan	nan
0.6026	0.0626	0.804	1.41	1.4	18.48	0.3279	0.2081	10	0.0	0.0
0.3198	0.0631	0.6276	3.49	0.78	5.95	0.3279	0.2081	10	0.0	0.0

K (alternative) by run type



RELAX LRT p-values by run type



2H rates (reference) by run type



2H rates (test) by run type



3H rates (reference) by run type



3H rates (test) by run type



Replicate-level summary — SRV (page 1/1)

	replicate	p_value	K_alt	global_dNdS_re ference	global_dNdS_te st
	1	0.0647	5.94	0.3279	0.2081
	2	0.6026	1.41	0.3279	0.2081
	3	0.6025	1.41	0.3279	0.2081
	4	0.0649	5.98	0.3279	0.2081
	5	0.6403	1.4	0.3279	0.2081
	6	0.0631	10.43	0.3279	0.2081
	7	0.0605	8.09	0.3279	0.2081
	8	0.064	7.36	0.3279	0.2081
	9	0.6028	1.4	0.3279	0.2081
	10	1.0	1.29	0.3279	0.2081

Replicate-level summary — SRV+Double (page 1/1)

	replicate	p_value	K_alt	global_dNdS_re ference	global_dNdS_te st
	1	0.6037	1.4	0.3279	0.2081
	2	0.6017	1.42	0.3279	0.2081
	3	0.0644	6.6	0.3279	0.2081
	4	0.0647	6.24	0.3279	0.2081
	5	0.6024	1.41	0.3279	0.2081
	6	0.804	1.4	0.3279	0.2081
	7	0.6028	1.4	0.3279	0.2081
	8	0.6036	1.41	0.3279	0.2081
	9	0.0626	18.48	0.3279	0.2081
	10	0.6039	1.41	0.3279	0.2081

Replicate-level summary — SRV+Double+Triple (page 1/1)

	replicate	p_value	K_alt	global_dNdS_re ference	global_dNdS_te st
	1	0.0652	5.69	0.3279	0.2081
	2	0.0652	5.66	0.3279	0.2081
	3	0.065	5.87	0.3279	0.2081
	4	0.0631	5.95	0.3279	0.2081
	5	0.6276	1.4	0.3279	0.2081
	6	0.5747	0.78	0.3279	0.2081
	7	0.0653	5.57	0.3279	0.2081
	8	0.5745	0.78	0.3279	0.2081
	9	0.5743	0.78	0.3279	0.2081
	10	0.6025	1.41	0.3279	0.2081

	test	Negative selection	0.001	98.984	SRV+Double
	test	Negative selection	0.001	0.24	SRV+Double
	test	Negative selection	0.304	98.984	SRV+Double
	test	Negative selection	0.312	0.24	SRV+Double
	reference	Diversifying selection	0.0	SRV+Double	
	reference	Negative selection	0.151	0.0	SRV+Double
	reference	Negative selection	0.31	100.0	SRV+Double
	test	Negative selection	1.086	0.0	SRV+Double
	test	Negative selection	0.151	0.0	SRV+Double
	test	Negative selection	0.31	100.0	SRV+Double
	reference	Diversifying selection	0.0	SRV+Double	
	reference	Negative selection	0.293	0.0	SRV+Double
	reference	Negative selection	0.321	100.0	SRV+Double
	test	Diversifying selection	1.009	0.0	SRV+Double
	test	Diversifying selection	1.006	0.0	SRV+Double
	test	Negative selection	0.178	0.0	SRV+Double
	test	Negative selection	0.202	100.0	SRV+Double
	test	Negative selection	0.293	0.0	SRV+Double
	test	Negative selection	0.321	100.0	SRV+Double
	reference	Diversifying selection	1.157	0.0	SRV+Double
	reference	Negative selection	0.269	0.0	SRV+Double
	reference	Negative selection	0.31	100.0	SRV+Double
	test	Diversifying selection	1.157	0.0	SRV+Double
	test	Negative selection	0.269	0.0	SRV+Double
	test	Negative selection	0.31	100.0	SRV+Double
	reference	Diversifying selection	1.011	0.0	SRV+Double
	reference	Negative selection	0.32	0.0	SRV+Double
	reference	Negative selection	0.32	100.0	SRV+Double
	test	Diversifying selection	1.015	0.0	SRV+Double
	test	Diversifying selection	1.011	0.0	SRV+Double
	test	Negative selection	0.203	0.0	SRV+Double
	test	Negative selection	0.204	100.0	SRV+Double
	test	Negative selection	0.32	0.0	SRV+Double
	test	Negative selection	0.32	100.0	SRV+Double
	reference	Diversifying selection	1.157	0.0	SRV+Double
	reference	Negative selection	0.292	0.0	SRV+Double
	reference	Negative selection	0.31	100.0	SRV+Double
	test	Diversifying selection	1.157	0.0	SRV+Double
	test	Negative selection	0.292	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	0.005	0.0	SRV+Double
	reference	Negative selection	0.321	100.0	SRV+Double
	test	Diversifying selection	1.009	0.0	SRV+Double
	test	Diversifying selection	1.006	0.0	SRV+Double
	test	Negative selection	0.001	0.0	SRV+Double
	test	Negative selection	0.203	100.0	SRV+Double
	test	Negative selection	0.005	0.0	SRV+Double
	test	Negative selection	12	0.0	SRV+Double
	test	Negative selection	0.321	100.0	SRV+Double
	reference	Diversifying selection	1.157	0.0	SRV+Double

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

	class_id	syn_rate	proportion_per cent	run_type	
SRV	1	0.388	44.606	SRV	
	2	0.794	48.711	SRV	
	3	6.586	6.682	SRV	
	1	0.183	0.0	SRV	
	2	0.589	93.117	SRV	
	3	6.566	6.883	SRV	
	1	0.206	0.0	SRV	
	2	0.588	93.094	SRV	
	3	6.554	6.906	SRV	
SRV	1	0.588	93.107	SRV	
	2	6.562	6.893	SRV	
	3	7.362	0.0	SRV	
	1	0.003	0.0	SRV	
	2	0.179	75.865	SRV	
	3	3.581	24.135	SRV	
	1	0.517	77.525	SRV	
	2	0.977	15.693	SRV	
	3	6.571	6.781	SRV	
SRV	1	0.145	59.497	SRV	
	2	1.616	35.352	SRV	
	3	6.65	5.151	SRV	
	1	0.588	93.103	SRV	
	2	1.817	0.0	SRV	
	3	6.56	6.897	SRV	
	1	0.215	0.0	SRV	
	2	0.589	93.149	SRV	
	3	6.586	6.851	SRV	
SRV	1	0.574	79.02	SRV	
	2	0.699	14.268	SRV	
	3	6.653	6.712	SRV	

