

RELAX Combined Report

SRV vs SRV+Double vs SRV+Double+Triple

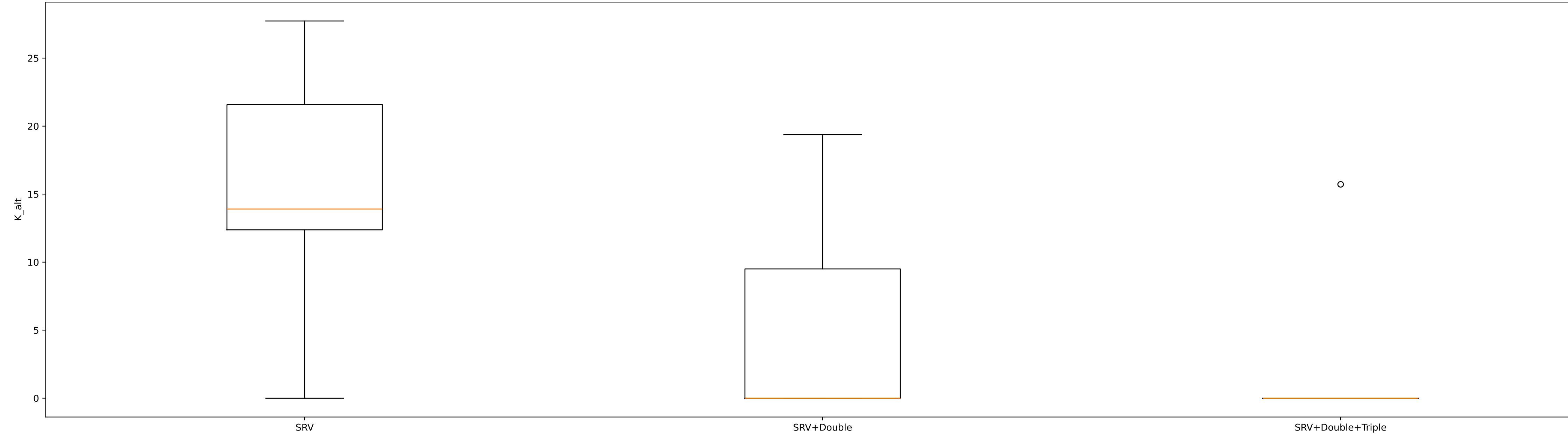
Includes:

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

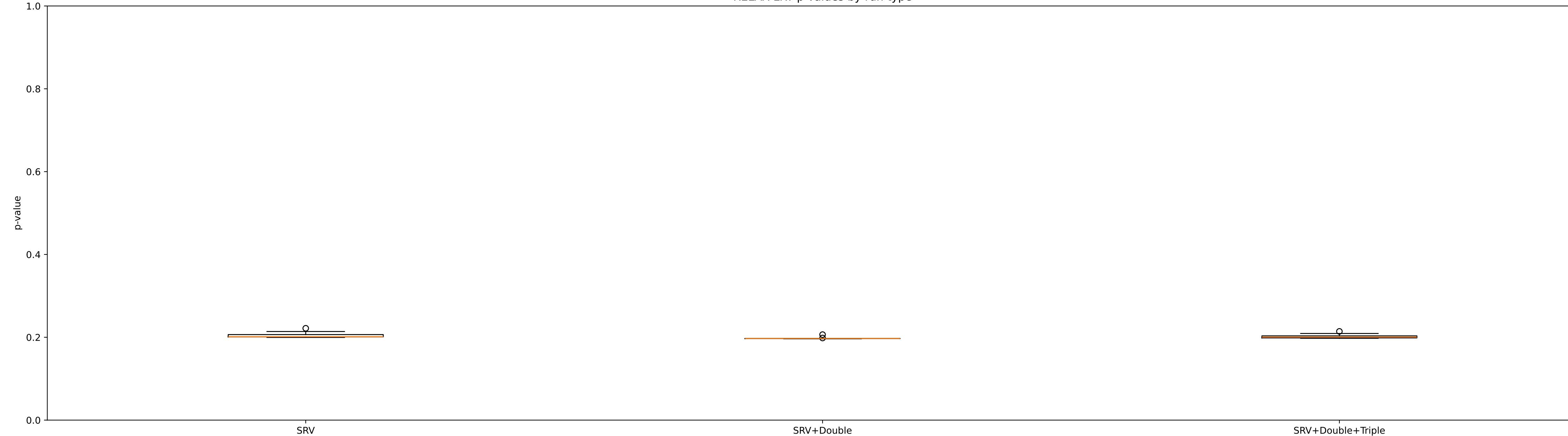
Run-type summary statistics

p_median	p_min	p_max	K_median	K_min	K_max	omega_ref_medi an	omega_test_medi an	warnings_count	2H_reference_m edian	2H_test_medi an
0.2013	0.1996	0.2217	13.905	0.0	27.73	0.2691	1.124	10	nan	nan
0.1971	0.1964	0.2064	0.0	0.0	19.37	0.2691	1.124	10	0.0	0.0
0.2004	0.1976	0.2142	0.0	0.0	15.72	0.2691	1.124	10	0.0	0.0

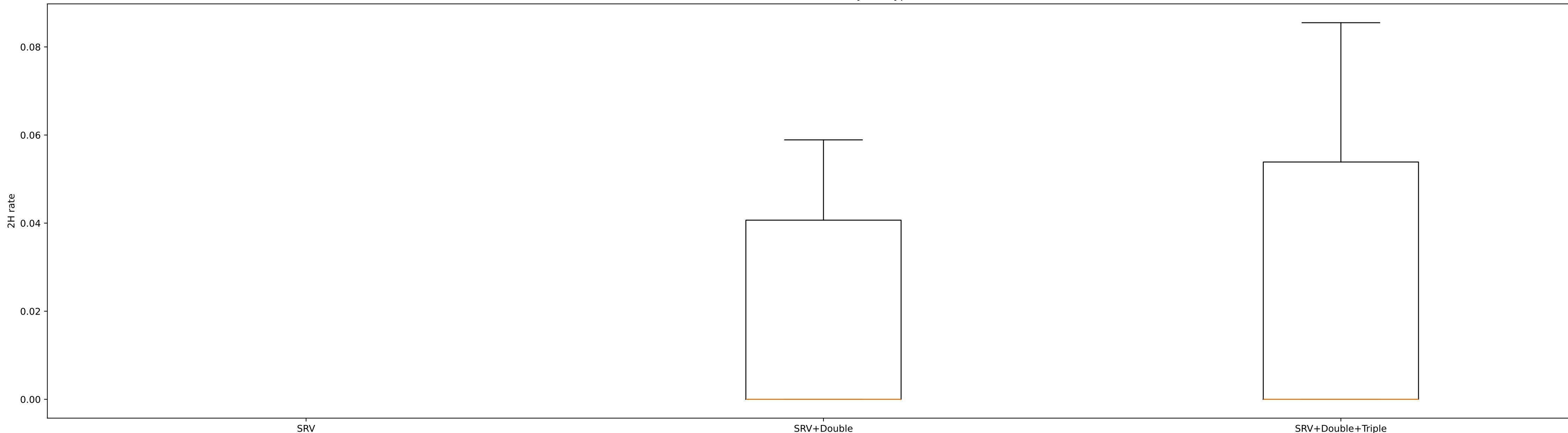
K (alternative) by run type



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_reference	global_dNdS_test
	1	0.2217	0.0	0.2693	1.1286
	2	0.2012	0.0	0.2691	1.124
	3	0.2015	14.02	0.2691	1.124
	4	0.2009	13.79	0.2691	1.124
	5	0.2139	21.13	0.2691	1.124
	6	0.1996	21.73	0.2691	1.124
	7	0.2008	27.73	0.2691	1.124
	8	0.2082	12.49	0.2691	1.124
	9	0.2014	23.95	0.2691	1.124
	10	0.2012	12.34	0.2691	1.124

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

	replicate	p_value	K_alt	global_dNdS_re ference	global_dNdS_te st
	1	0.197	14.41	0.2691	1.124
	2	0.1968	0.0	0.2691	1.124
	3	0.2064	12.67	0.2691	1.124
	4	0.1972	0.0	0.2691	1.124
	5	0.1983	0.0	0.2691	1.124
	6	0.1973	0.0	0.2691	1.124
	7	0.197	19.37	0.2691	1.124
	8	0.1964	0.0	0.2691	1.124
	9	0.1967	0.0	0.2691	1.124
	10	0.1972	0.0	0.2691	1.124

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

	replicate	p_value	K_alt	global_dNdS_re ference	global_dNdS_te st
	1	0.2037	15.72	0.2691	1.124
	2	0.198	0.0	0.2691	1.124
	3	0.1986	0.0	0.2691	1.124
	4	0.2025	0.0	0.2691	1.124
	5	0.2002	0.0	0.2691	1.124
	6	0.2006	0.0	0.2691	1.124
	7	0.1985	0.0	0.2691	1.124
	8	0.1976	0.0	0.2691	1.124
	9	0.2142	0.0	0.2691	1.124
	10	0.2092	0.0	0.2691	1.124

	test	Neutral evolution	1.0	21.379	SRV+Double
	test	Neutral evolution	1.0	63.088	SRV+Double
	test	Neutral evolution	1.0	15.533	SRV+Double
	test	Neutral evolution	1.0	15.533	SRV+Double
	reference	Negative selection	Ω-class distributions (all) (cols 1-7/7)		
	reference	Negative selection	0.599	21.249	SRV+Double
	reference	Neutral evolution	1.0	15.709	SRV+Double
	test	Negative selection	0.0	63.042	SRV+Double
	test	Negative selection	0.599	21.249	SRV+Double
	test	Neutral evolution	1.0	15.709	SRV+Double
	reference	Negative selection	0.0	63.511	SRV+Double
	reference	Negative selection	0.617	21.222	SRV+Double
	reference	Neutral evolution	1.0	15.267	SRV+Double
	test	Negative selection	0.0	63.511	SRV+Double
	test	Negative selection	0.617	21.222	SRV+Double
	test	Neutral evolution	1.0	21.222	SRV+Double
	test	Neutral evolution	1.0	63.511	SRV+Double
	test	Neutral evolution	1.0	15.267	SRV+Double
	test	Neutral evolution	1.0	15.267	SRV+Double
	reference	Negative selection	0.0	63.341	SRV+Double
	reference	Negative selection	0.614	21.256	SRV+Double
	reference	Neutral evolution	1.0	15.403	SRV+Double
	test	Negative selection	0.0	63.341	SRV+Double
	test	Negative selection	0.614	21.256	SRV+Double
	test	Neutral evolution	1.0	15.403	SRV+Double
	reference	Negative selection	0.0	63.401	SRV+Double
	reference	Negative selection	0.626	22.5	SRV+Double
	reference	Neutral evolution	1.0	14.099	SRV+Double
	test	Negative selection	0.0	63.401	SRV+Double
	test	Negative selection	0.626	22.5	SRV+Double
	test	Neutral evolution	1.0	22.5	SRV+Double
	test	Neutral evolution	1.0	63.401	SRV+Double
	test	Neutral evolution	1.0	14.099	SRV+Double
	test	Neutral evolution	1.0	14.099	SRV+Double
	reference	Negative selection	0.0	63.22	SRV+Double
	reference	Negative selection	0.628	22.512	SRV+Double
	reference	Neutral evolution	1.0	14.268	SRV+Double
	test	Negative selection	0.0	63.22	SRV+Double
	test	Negative selection	0.628	22.512	SRV+Double
	test	Neutral evolution	1.0	14.268	SRV+Double
	reference	Diversifying selection	1.147	7.89	SRV+Double
	reference	Negative selection	0.0	63.161	SRV+Double
	reference	Negative selection	0.665	28.949	SRV+Double
	test	Diversifying selection	14.146	7.89	SRV+Double
	test	Diversifying selection	1.147	7.89	SRV+Double
	test	Negative selection	0.0	63.161	SRV+Double
	test	Negative selection	0.0	28.949	SRV+Double
	test	Negative selection	0.0	63.161	SRV+Double
	test	Negative selection	0.0	28.949	SRV+Double
	reference	Negative selection	0.665	28.949	SRV+Double
	reference	Negative selection	0.0	63.92	SRV+Double

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

	class_id	syn_rate	proportion_per cent	run_type	
SRV	1	0.0	2.648	SRV	
	2	0.819	89.923	SRV	
	3	3.547	7.43	SRV	
	1	0.747	71.771	SRV	
	2	0.878	19.321	SRV	
	3	3.301	8.908	SRV	
	1	0.0	2.681	SRV	
	2	0.818	89.799	SRV	
	3	3.524	7.52	SRV	
SRV	1	0.0	2.692	SRV	
	2	0.819	89.862	SRV	
	3	3.542	7.446	SRV	
	1	0.773	91.099	SRV	
	2	2.586	1.28	SRV	
	3	3.443	7.622	SRV	
	1	0.772	90.988	SRV	
	2	2.851	1.196	SRV	
	3	3.374	7.816	SRV	
SRV	1	0.732	87.227	SRV	
	2	2.492	12.293	SRV	
	3	11.543	0.48	SRV	
	1	0.728	86.63	SRV	
	2	2.401	12.839	SRV	
	3	11.459	0.53	SRV	
	1	0.732	87.308	SRV	
	2	2.5	12.219	SRV	
	3	11.648	0.473	SRV	
SRV	1	0.0	2.695	SRV	
	2	0.819	89.836	SRV	
	3	3.541	7.468	SRV	

