

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)

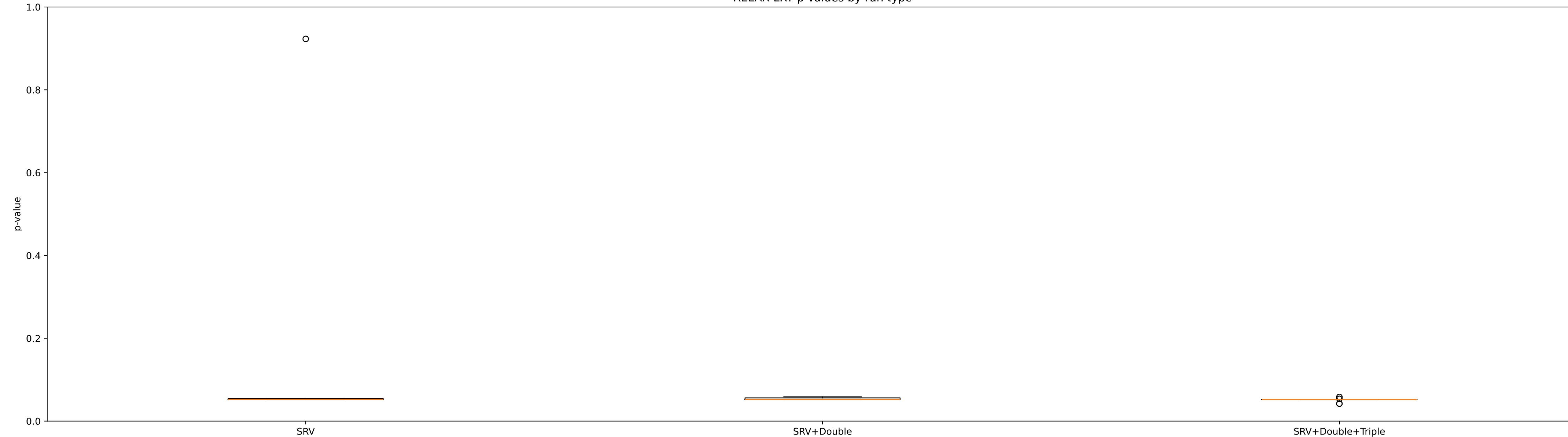
Run-type summary statistics

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_median
0.0524	0.052	0.923	0.0	0.0	0.03	0.269	1.3144	10	nan	nan
0.052	0.052	0.0586	0.0	0.0	0.0	0.269	1.3144	10	0.0	0.0
0.052	0.0421	0.0583	0.0	0.0	1.89	0.269	1.3144	10	0.0	0.0

K (alternative) by run type



RELAX LRT p-values by run type



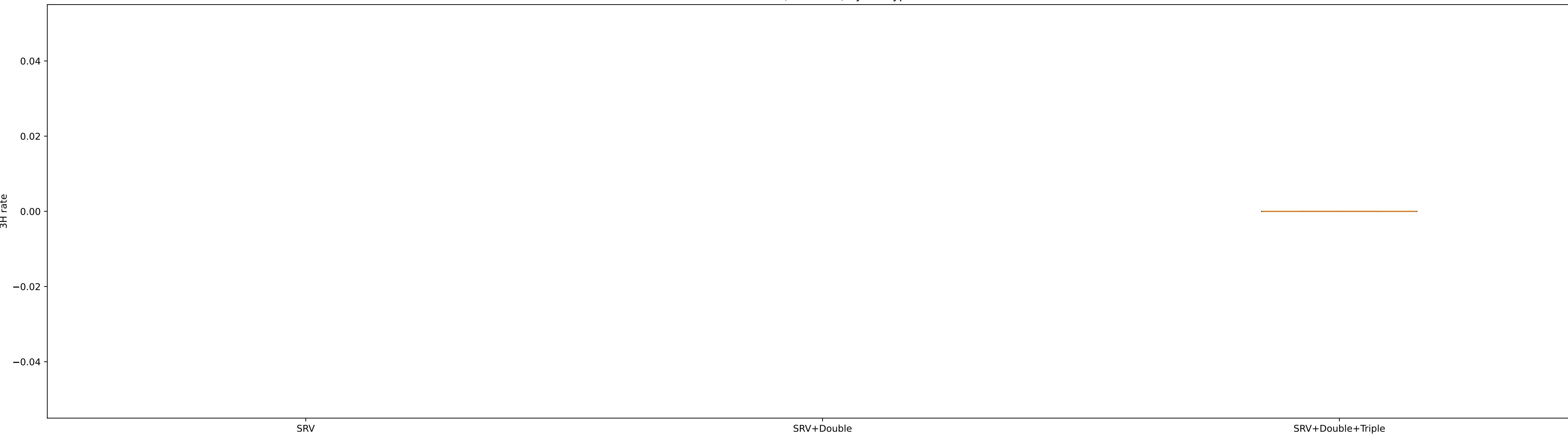
2H rates (reference) by run type



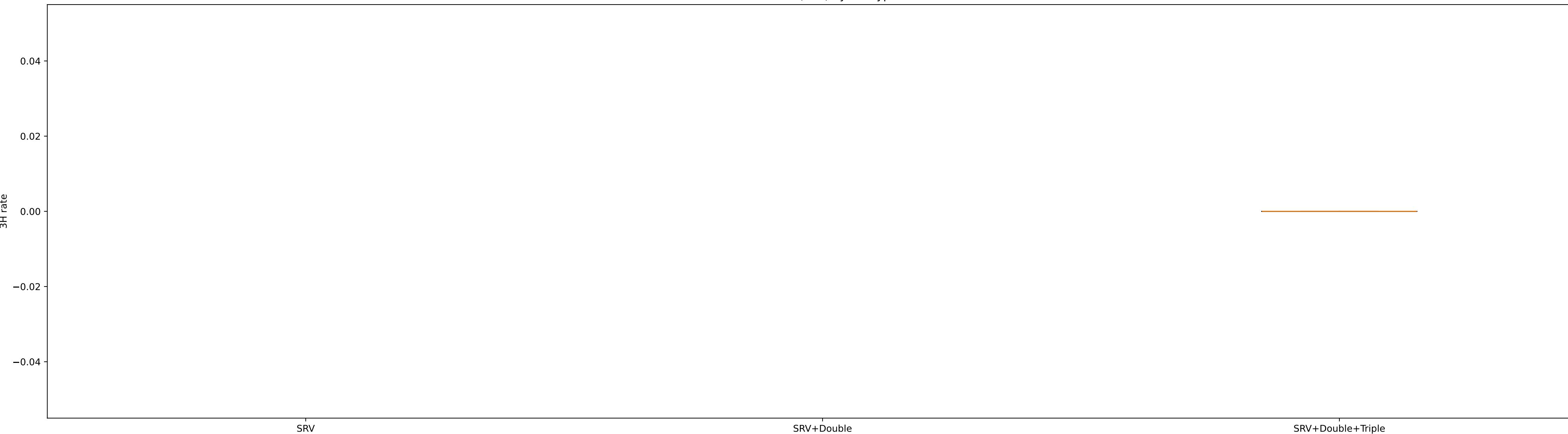
2H rates (test) by run type



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	0.0546	0.0	0.269	1.3144
	2	0.052	0.0	0.2689	1.3144
	3	0.0525	0.0	0.2689	1.3144
	4	0.052	0.0	0.2689	1.3144
	5	0.052	0.0	0.2689	1.3144
	6	0.052	0.0	0.269	1.3144
	7	0.0523	0.0	0.269	1.3144
	8	0.0536	0.0	0.269	1.3144
	9	0.923	0.03	0.269	1.3144
	10	0.0543	0.0	0.269	1.3144

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

	replicate	p_value	K_alt	global_dNdS_re ference	global_dNdS_te st
	1	0.0574	0.0	0.269	1.3144
	2	0.052	0.0	0.269	1.3144
	3	0.0521	0.0	0.269	1.3144
	4	0.052	0.0	0.269	1.3144
	5	0.052	0.0	0.269	1.3144
	6	0.052	0.0	0.269	1.3144
	7	0.0583	0.0	0.269	1.3144
	8	0.052	0.0	0.2689	1.3144
	9	0.0521	0.0	0.2689	1.3144
	10	0.0586	0.0	0.2689	1.3144

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

	replicate	p_value	K_alt	global_dNdS_re ference	global_dNdS_te st
	1	0.0537	0.0	0.269	1.3144
	2	0.052	0.0	0.269	1.3144
	3	0.052	0.0	0.269	1.3144
	4	0.0422	1.88	0.2689	1.3144
	5	0.052	0.0	0.2689	1.3144
	6	0.0421	1.89	0.269	1.3144
	7	0.052	0.0	0.2689	1.3144
	8	0.0583	0.0	0.269	1.3144
	9	0.052	0.0	0.269	1.3144
	10	0.052	0.0	0.2689	1.3144

			Negative selection	0.262	100.0	SRV+Double
			Neutral evolution	1.0	100.0	SRV+Double
			Neutral evolution	1.0	0.0	SRV+Double
			Neutral evolution	1.0	0.0	SRV+Double
	reference		Diversifying selection	0.0	SRV+Double	
	reference		Negative selection	0.117	0.0	SRV+Double
	reference		Negative selection	0.31	100.0	SRV+Double
	test		Diversifying selection	1.08	0.0	SRV+Double
	test		Negative selection	0.117	0.0	SRV+Double
	test		Negative selection	0.31	100.0	SRV+Double
	reference		Diversifying selection	1.015	0.0	SRV+Double
	reference		Negative selection	0.262	100.0	SRV+Double
	reference		Negative selection	0.292	0.0	SRV+Double
	test		Diversifying selection	1.015	0.0	SRV+Double
	test		Negative selection	0.262	100.0	SRV+Double
	test		Negative selection	0.292	0.0	SRV+Double
	test		Neutral evolution	1.0	100.0	SRV+Double
	test		Neutral evolution	1.0	0.0	SRV+Double
	test		Neutral evolution	1.0	0.0	SRV+Double
	reference		Diversifying selection	1.079	0.0	SRV+Double
	reference		Negative selection	0.279	0.0	SRV+Double
	reference		Negative selection	0.31	100.0	SRV+Double
	test		Diversifying selection	1.079	0.0	SRV+Double
	test		Negative selection	0.279	0.0	SRV+Double
	test		Negative selection	0.31	100.0	SRV+Double
	reference		Diversifying selection	1.015	0.0	SRV+Double
	reference		Negative selection	0.259	92.786	SRV+Double
	reference		Negative selection	0.293	7.214	SRV+Double
	test		Diversifying selection	1.015	0.0	SRV+Double
	test		Negative selection	0.259	92.786	SRV+Double
	test		Negative selection	0.293	7.214	SRV+Double
	test		Neutral evolution	1.0	92.786	SRV+Double
	test		Neutral evolution	1.0	7.214	SRV+Double
	test		Neutral evolution	1.0	0.0	SRV+Double
	reference		Diversifying selection	1.08	0.0	SRV+Double
	reference		Negative selection	0.235	0.0	SRV+Double
	reference		Negative selection	0.31	100.0	SRV+Double
	test		Diversifying selection	1.08	0.0	SRV+Double
	test		Negative selection	0.235	0.0	SRV+Double
	test		Negative selection	0.31	100.0	SRV+Double
	reference		Diversifying selection	1.007	0.0	SRV+Double
	reference		Negative selection	0.216	0.0	SRV+Double
	reference		Negative selection	0.262	100.0	SRV+Double
	test		Diversifying selection	1.007	0.0	SRV+Double
	test		Negative selection	0.216	0.0	SRV+Double
	test		Negative selection	0.262	100.0	SRV+Double
	test		Neutral evolution	1.0	100.0	SRV+Double
	test		Neutral evolution	1.0	0.0	SRV+Double
	test		Neutral evolution	1.0	12.0	SRV+Double
	reference		Diversifying selection	1.077	0.0	SRV+Double

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

	class_id	syn_rate	proportion_per cent	run_type	
SRV	1	0.009	0.0	SRV	
	2	0.309	82.39	SRV	
	3	4.231	17.61	SRV	
	1	0.574	2.438	SRV	
	2	0.589	90.664	SRV	
	3	6.558	6.898	SRV	
	1	0.003	0.0	SRV	
	2	0.152	74.523	SRV	
	3	3.479	25.477	SRV	
SRV	1	0.444	0.0	SRV	
	2	0.588	93.117	SRV	
	3	6.568	6.883	SRV	
	1	0.454	0.0	SRV	
	2	0.588	93.108	SRV	
	3	6.564	6.892	SRV	
	1	0.129	0.0	SRV	
	2	0.589	93.131	SRV	
	3	6.577	6.869	SRV	
SRV	1	0.004	0.0	SRV	
	2	0.19	76.412	SRV	
	3	3.625	23.588	SRV	
	1	0.005	0.0	SRV	
	2	0.322	82.989	SRV	
	3	4.31	17.011	SRV	
	1	0.592	93.242	SRV	
	2	6.629	2.868	SRV	
	3	6.634	3.889	SRV	
SRV	1	0.006	0.0	SRV	
	2	0.33	83.418	SRV	
	3	4.37	16.582	SRV	

