

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)

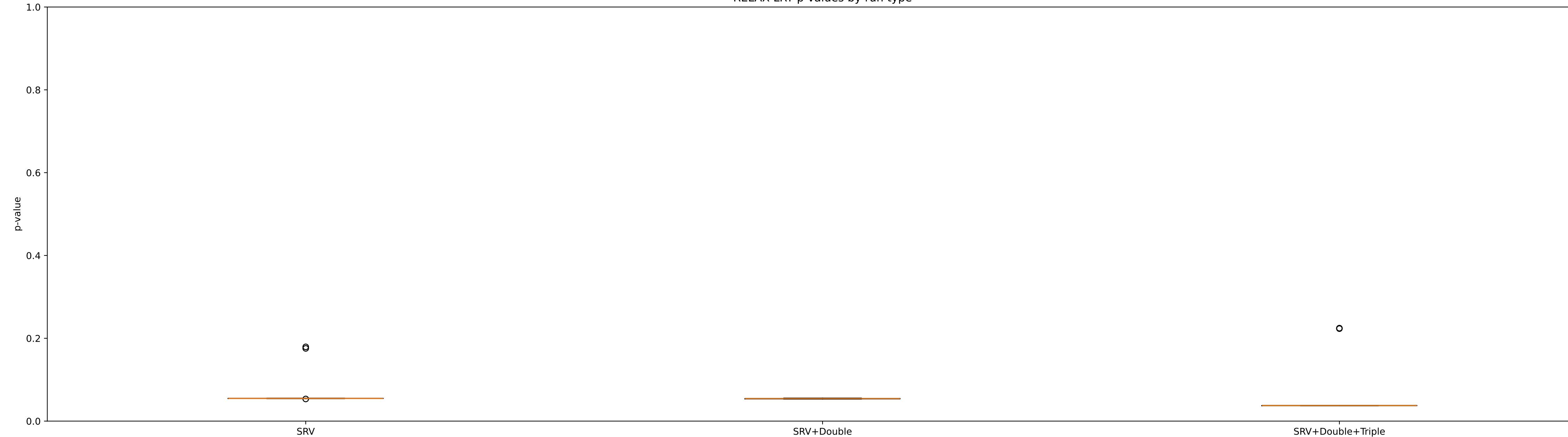
Run-type summary statistics

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
0.0547	0.0535	0.1793	1.99	1.52	2.02	0.247	0.1071	10	nan	nan
0.0544	0.0533	0.0555	1.805	1.72	1.91	0.247	0.1071	10	0.0	0.0
0.0377	0.0372	0.2245	1.68	1.52	1.74	0.247	0.1071	10	0.0	0.0

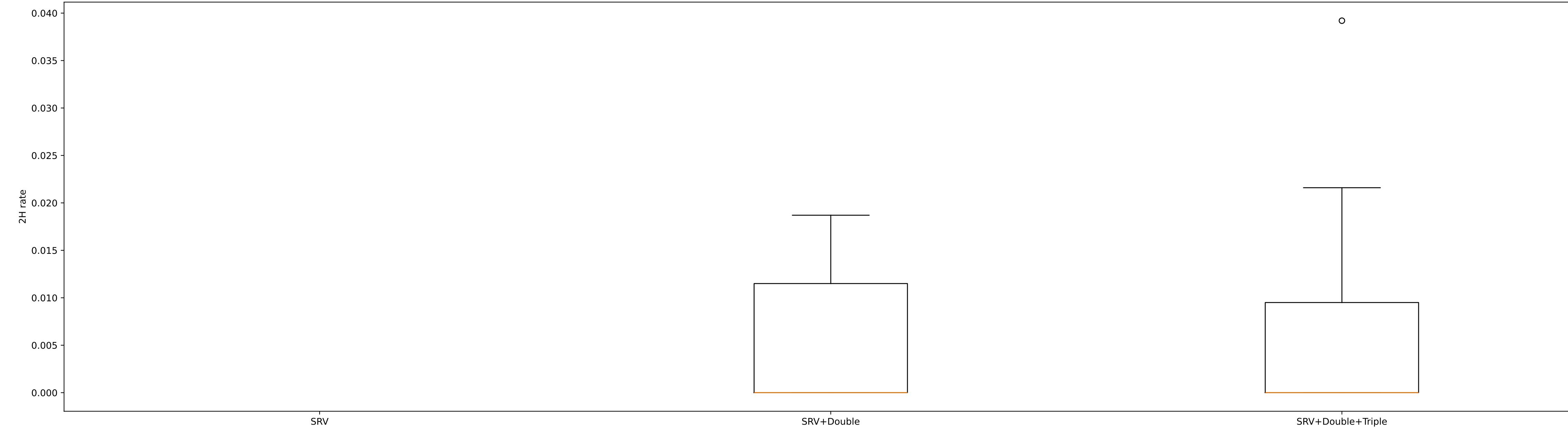
K (alternative) by run type



RELAX LRT p-values by run type



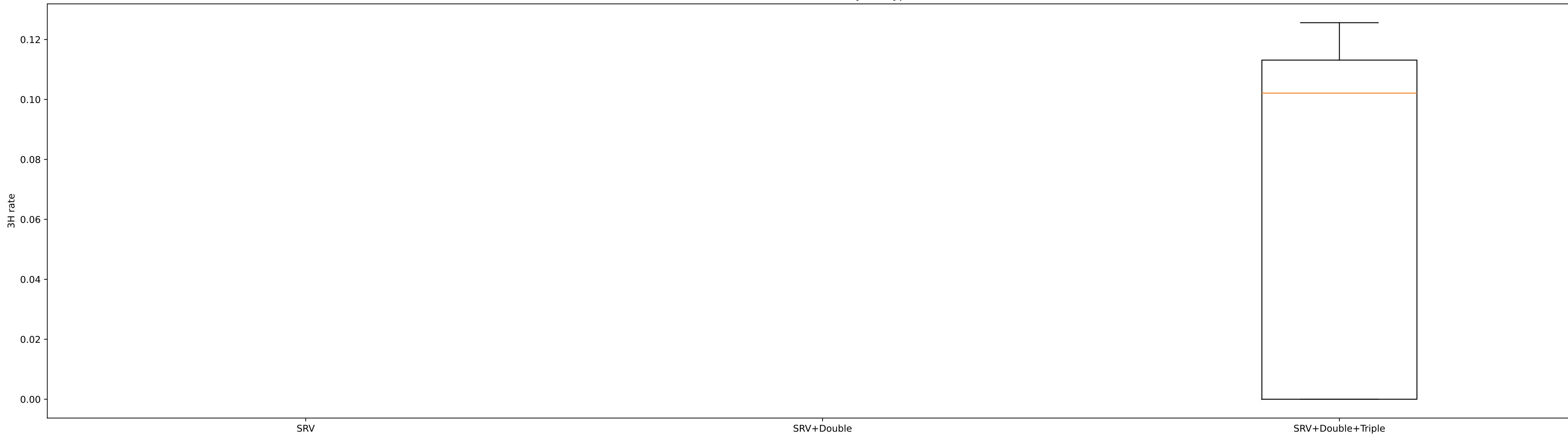
2H rates (reference) by run type



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	0.0552	1.87	0.247	0.1071
	2	0.0548	1.99	0.247	0.1071
	3	0.0545	1.99	0.247	0.1071
	4	0.1793	1.53	0.247	0.1071
	5	0.1756	1.52	0.247	0.1071
	6	0.0546	1.99	0.247	0.1071
	7	0.0543	1.99	0.247	0.1071
	8	0.0535	2.02	0.247	0.1071
	9	0.0546	1.95	0.247	0.1071
	10	0.0548	2.02	0.247	0.1071

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

	replicate	p_value	K_alt	global_dNdS_re ference	global_dNdS_te st
	1	0.0536	1.81	0.247	0.1071
	2	0.0547	1.73	0.247	0.1071
	3	0.0538	1.91	0.247	0.1071
	4	0.0545	1.72	0.247	0.1071
	5	0.0533	1.87	0.247	0.1071
	6	0.0546	1.75	0.247	0.1071
	7	0.0543	1.73	0.247	0.1071
	8	0.0536	1.81	0.247	0.1071
	9	0.0555	1.87	0.247	0.1071
	10	0.0545	1.8	0.247	0.1071

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

replicate	p_value	K_alt	global_dNdS_re ference	global_dNdS_te st
1	0.2233	1.53	0.247	0.1071
2	0.0372	1.69	0.247	0.1071
3	0.0373	1.68	0.247	0.1071
4	0.0373	1.65	0.247	0.1071
5	0.0378	1.74	0.247	0.1071
6	0.0377	1.6	0.247	0.1071
7	0.0378	1.68	0.247	0.1071
8	0.0373	1.7	0.247	0.1071
9	0.2245	1.52	0.247	0.1071
10	0.0376	1.69	0.247	0.1071

	test	Negative selection	0.06	82.996	SRV+Double
	test	Negative selection	0.114	13.538	SRV+Double
	test	Negative selection	0.194	82.996	SRV+Double
	test	Negative selection	0.283	13.538	SRV+Double
	reference	Diversifying selection	0.244		SRV+Double
	reference	Negative selection	0.203	0.984	SRV+Double
	reference	Negative selection	0.206	98.772	SRV+Double
	test	Diversifying selection	12.22	0.244	SRV+Double
	test	Negative selection	0.203	0.984	SRV+Double
	test	Negative selection	0.206	98.772	SRV+Double
	reference	Negative selection	0.18	91.8	SRV+Double
	reference	Negative selection	0.917	4.052	SRV+Double
	reference	Neutral evolution	1.0	4.147	SRV+Double
	test	Negative selection	0.041	91.8	SRV+Double
	test	Negative selection	0.85	4.052	SRV+Double
	test	Negative selection	0.18	91.8	SRV+Double
	test	Negative selection	0.917	4.052	SRV+Double
	test	Neutral evolution	1.0	4.147	SRV+Double
	test	Neutral evolution	1.0	4.147	SRV+Double
	reference	Diversifying selection	12.196	0.246	SRV+Double
	reference	Negative selection	0.205	94.377	SRV+Double
	reference	Negative selection	0.219	5.377	SRV+Double
	test	Diversifying selection	12.196	0.246	SRV+Double
	test	Negative selection	0.205	94.377	SRV+Double
	test	Negative selection	0.219	5.377	SRV+Double
	reference	Diversifying selection	1.165	3.868	SRV+Double
	reference	Negative selection	0.081	15.318	SRV+Double
	reference	Negative selection	0.228	80.814	SRV+Double
	test	Diversifying selection	1.306	3.868	SRV+Double
	test	Diversifying selection	1.165	3.868	SRV+Double
	test	Negative selection	0.012	15.318	SRV+Double
	test	Negative selection	0.075	80.814	SRV+Double
	test	Negative selection	0.081	15.318	SRV+Double
	test	Negative selection	0.228	80.814	SRV+Double
	reference	Diversifying selection	12.353	0.241	SRV+Double
	reference	Negative selection	0.205	1.095	SRV+Double
	reference	Negative selection	0.206	98.664	SRV+Double
	test	Diversifying selection	12.353	0.241	SRV+Double
	test	Negative selection	0.205	1.095	SRV+Double
	test	Negative selection	0.206	98.664	SRV+Double
	reference	Diversifying selection	1.186	4.059	SRV+Double
	reference	Negative selection	0.202	78.59	SRV+Double
	reference	Negative selection	0.202	17.351	SRV+Double
	test	Diversifying selection	1.344	4.059	SRV+Double
	test	Diversifying selection	1.186	4.059	SRV+Double
	test	Negative selection	0.062	78.59	SRV+Double
	test	Negative selection	0.063	17.351	SRV+Double
	test	Negative selection	0.202	78.59	SRV+Double
	test	Negative selection	12	4.059	SRV+Double
	test	Diversifying selection	0.202	17.351	SRV+Double
	reference	Diversifying selection	12.372	0.24	SRV+Double

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

	class_id	syn_rate	proportion_per cent	run_type	
SRV	1	0.884	10.344	SRV	
	2	0.889	87.876	SRV	
	3	7.152	1.78	SRV	
	1	0.0	0.15	SRV	
	2	0.89	98.081	SRV	
	3	7.171	1.769	SRV	
	1	0.0	0.098	SRV	
	2	0.89	98.129	SRV	
	3	7.162	1.772	SRV	
SRV	1	0.884	85.766	SRV	
	2	0.913	12.425	SRV	
	3	7.109	1.809	SRV	
	1	0.887	85.539	SRV	
	2	0.891	12.645	SRV	
	3	7.094	1.815	SRV	
	1	0.0	0.209	SRV	
	2	0.891	98.017	SRV	
	3	7.158	1.774	SRV	
SRV	1	0.888	14.181	SRV	
	2	0.889	84.044	SRV	
	3	7.157	1.775	SRV	
	1	0.888	90.479	SRV	
	2	0.892	7.743	SRV	
	3	7.167	1.778	SRV	
	1	0.887	20.657	SRV	
	2	0.889	77.56	SRV	
	3	7.143	1.783	SRV	
SRV	1	0.0	0.193	SRV	
	2	0.891	98.039	SRV	
	3	7.179	1.768	SRV	

