

RELAX Combined Report

SRV vs SRV+Double vs SRV+Double+Triple

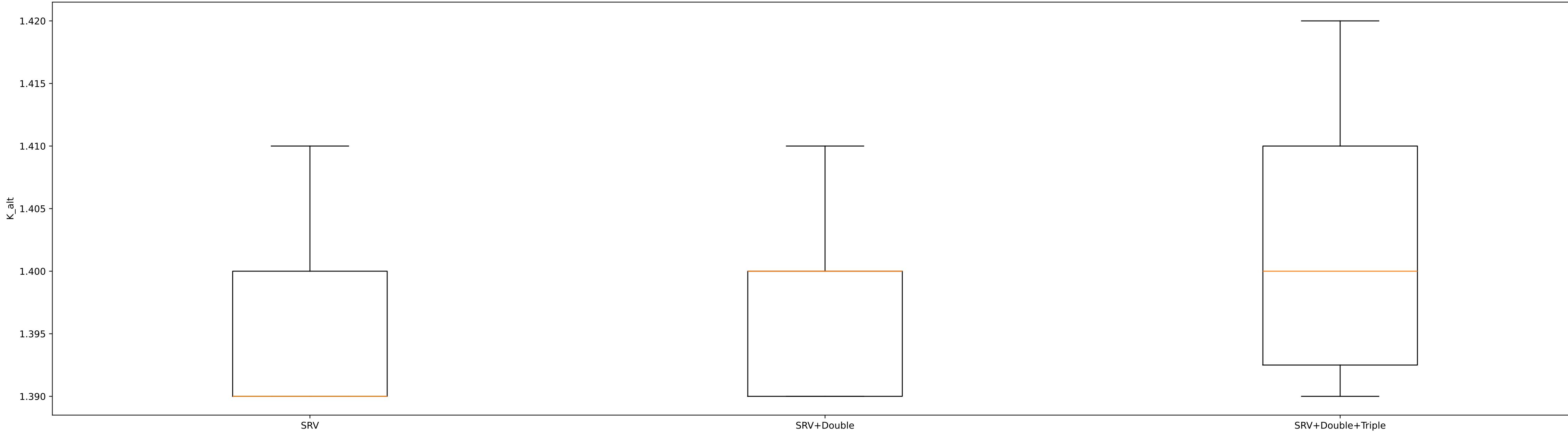
Includes:

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

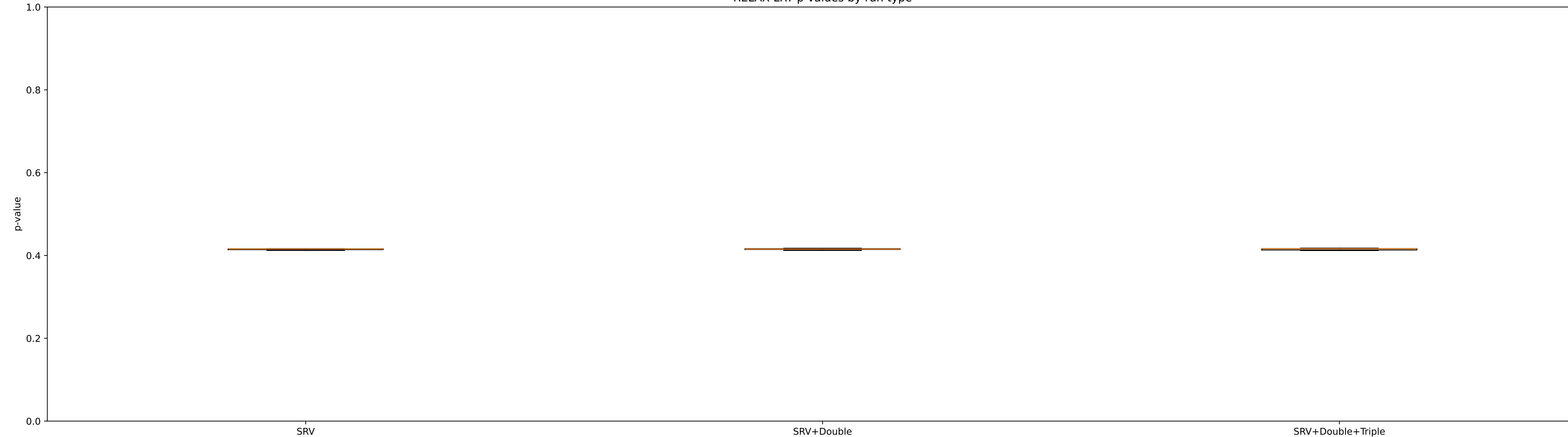
Run-type summary statistics

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
0.4158	0.4123	0.4162	1.39	1.39	1.41	0.228	0.1235	10	nan	nan
0.4155	0.4123	0.4174	1.4	1.39	1.41	0.228	0.1235	10	0.0	0.0
0.416	0.412	0.4176	1.4	1.39	1.42	0.228	0.1235	10	0.0	0.0

K (alternative) by run type



RELAX LRT p-values by run type



2H rates (reference) by run type



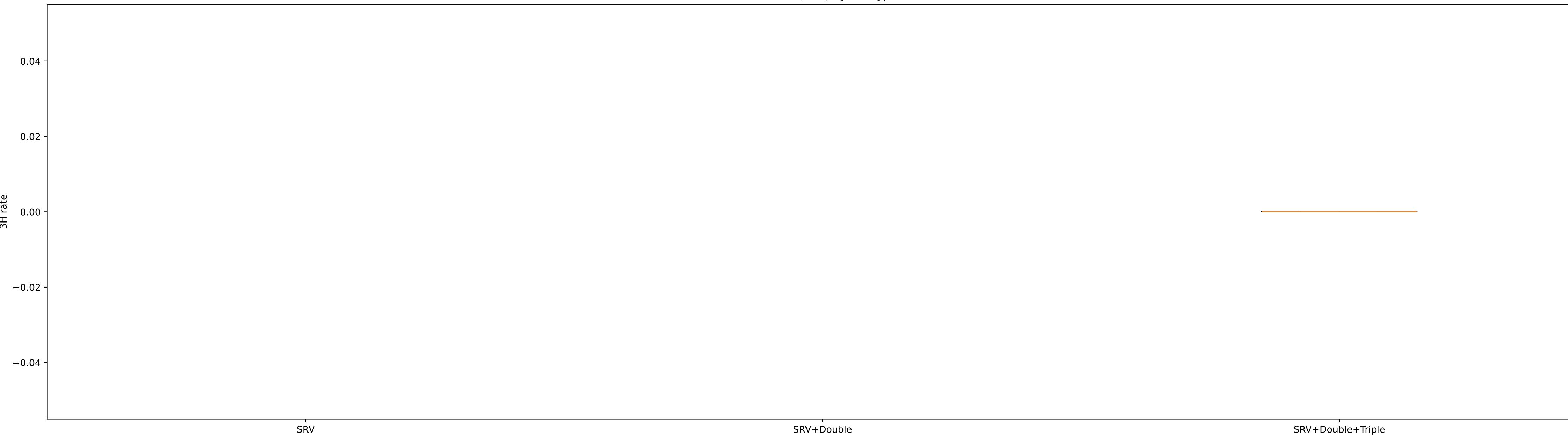
2H rates (test) by run type



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	0.4133	1.4	0.228	0.1235
	2	0.4123	1.41	0.228	0.1235
	3	0.4157	1.39	0.228	0.1235
	4	0.4161	1.39	0.228	0.1235
	5	0.4162	1.39	0.228	0.1235
	6	0.4141	1.4	0.228	0.1235
	7	0.4145	1.4	0.228	0.1235
	8	0.4159	1.39	0.228	0.1235
	9	0.4162	1.39	0.228	0.1235
	10	0.4161	1.39	0.228	0.1235

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

	replicate	p_value	K_alt	global_dNdS_reference	global_dNdS_test
	1	0.4124	1.4	0.228	0.1235
	2	0.4149	1.4	0.228	0.1235
	3	0.4161	1.39	0.228	0.1235
	4	0.4161	1.41	0.228	0.1235
	5	0.4147	1.4	0.228	0.1235
	6	0.4164	1.39	0.228	0.1235
	7	0.4174	1.39	0.228	0.1235
	8	0.4123	1.4	0.228	0.1235
	9	0.4146	1.4	0.228	0.1235
	10	0.4168	1.39	0.228	0.1235

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

	replicate	p_value	K_alt	global_dNdS_reference	global_dNdS_test
	1	0.4141	1.4	0.228	0.1235
	2	0.4165	1.39	0.228	0.1235
	3	0.4131	1.41	0.228	0.1235
	4	0.4129	1.42	0.228	0.1235
	5	0.4175	1.4	0.228	0.1235
	6	0.412	1.41	0.228	0.1235
	7	0.4162	1.41	0.228	0.1235
	8	0.4176	1.4	0.228	0.1235
	9	0.4159	1.39	0.228	0.1235
	10	0.4162	1.39	0.228	0.1235

test		Negative selection	0.049	56.296	SRV+Double
test		Negative selection	0.223	43.704	SRV+Double
test		Negative selection	0.118	56.296	SRV+Double
test		Negative selection	0.344	43.704	SRV+Double
reference		Diversifying selection	0.0	SRV+Double	SRV+Double
reference		Negative selection	0.116	55.125	SRV+Double
reference		Negative selection	0.333	44.875	SRV+Double
test		Diversifying selection	1.969	0.0	SRV+Double
test		Negative selection	0.116	55.125	SRV+Double
test		Negative selection	0.333	44.875	SRV+Double
reference		Diversifying selection	1.06	1.436	SRV+Double
reference		Negative selection	0.133	47.805	SRV+Double
reference		Negative selection	0.272	50.759	SRV+Double
test		Diversifying selection	1.084	1.436	SRV+Double
test		Diversifying selection	1.06	1.436	SRV+Double
test		Negative selection	0.06	47.805	SRV+Double
test		Negative selection	0.162	50.759	SRV+Double
test		Negative selection	0.133	47.805	SRV+Double
test		Negative selection	0.272	50.759	SRV+Double
reference		Diversifying selection	1.155	1.22	SRV+Double
reference		Negative selection	0.131	48.033	SRV+Double
reference		Negative selection	0.269	50.747	SRV+Double
test		Diversifying selection	1.155	1.22	SRV+Double
test		Negative selection	0.131	48.033	SRV+Double
test		Negative selection	0.269	50.747	SRV+Double
reference		Diversifying selection	1.054	2.064	SRV+Double
reference		Negative selection	0.065	6.264	SRV+Double
reference		Negative selection	0.208	91.672	SRV+Double
test		Diversifying selection	1.077	2.064	SRV+Double
test		Diversifying selection	1.054	2.064	SRV+Double
test		Negative selection	0.022	6.264	SRV+Double
test		Negative selection	0.112	91.672	SRV+Double
test		Negative selection	0.065	6.264	SRV+Double
test		Negative selection	0.208	91.672	SRV+Double
reference		Diversifying selection	1.134	1.745	SRV+Double
reference		Negative selection	0.068	5.366	SRV+Double
reference		Negative selection	0.205	92.889	SRV+Double
test		Diversifying selection	1.134	1.745	SRV+Double
test		Negative selection	0.068	5.366	SRV+Double
test		Negative selection	0.205	92.889	SRV+Double
reference		Diversifying selection	1.0	2.629	SRV+Double
reference		Negative selection	0.185	67.559	SRV+Double
reference		Negative selection	0.22	29.812	SRV+Double
test		Diversifying selection	1.0	2.629	SRV+Double
test		Diversifying selection	1.0	2.629	SRV+Double
test		Negative selection	0.095	67.559	SRV+Double
test		Negative selection	0.121	29.812	SRV+Double
test		Negative selection	0.185	67.559	SRV+Double
test		Negative selection	12	29.812	SRV+Double
reference		Diversifying selection	0.22	2.337	SRV+Double
reference		Negative selection	1.048	2.337	SRV+Double

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

	class_id	syn_rate	proportion_per cent	run_type	
SRV	1	0.0	19.636	SRV	
	2	0.99	74.922	SRV	
	3	4.747	5.442	SRV	
	1	0.0	19.378	SRV	
	2	0.982	75.008	SRV	
	3	4.687	5.614	SRV	
	1	0.0	19.983	SRV	
	2	1.001	74.853	SRV	
	3	4.862	5.164	SRV	
SRV	1	0.0	19.832	SRV	
	2	0.997	74.959	SRV	
	3	4.846	5.209	SRV	
	1	0.0	19.781	SRV	
	2	0.996	74.987	SRV	
	3	4.837	5.232	SRV	
	1	0.0	19.646	SRV	
	2	0.99	74.938	SRV	
	3	4.761	5.416	SRV	
SRV	1	0.0	19.642	SRV	
	2	0.991	74.993	SRV	
	3	4.781	5.375	SRV	
	1	0.0	19.869	SRV	
	2	0.998	74.913	SRV	
	3	4.841	5.218	SRV	
	1	0.0	19.86	SRV	
	2	0.998	74.953	SRV	
	3	4.857	5.187	SRV	
SRV	1	0.0	19.885	SRV	
	2	0.998	74.918	SRV	
	3	4.848	5.197	SRV	

