

RELAX Combined Report

SRV vs SRV+Double vs SRV+Double+Triple

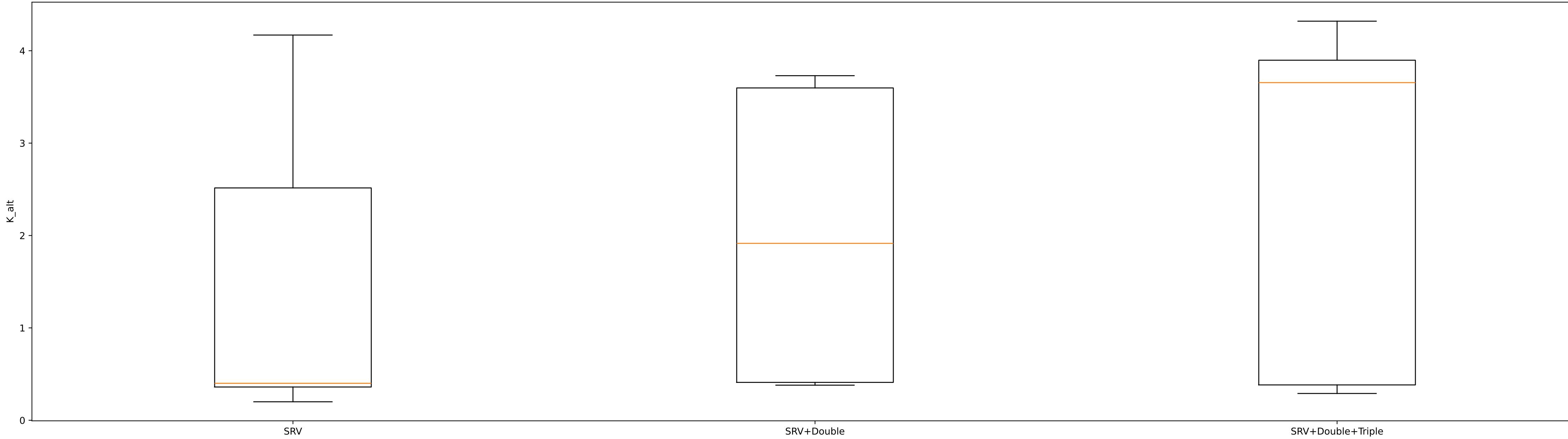
Includes:

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

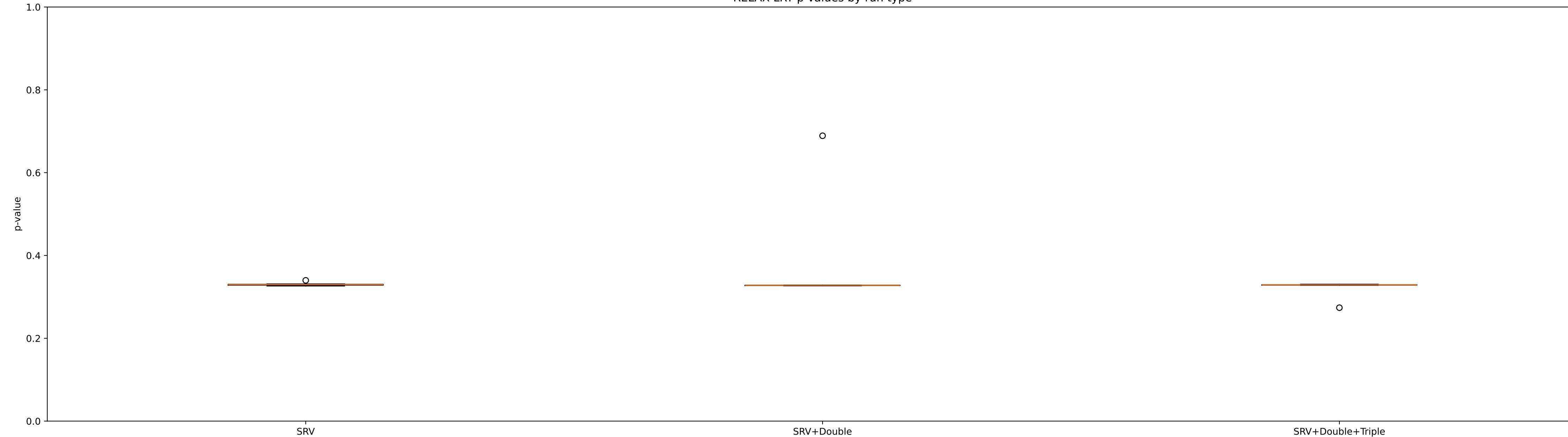
Run-type summary statistics

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
0.3296	0.3264	0.3399	0.4	0.2	4.17	0.3567	0.5829	10	nan	nan
0.3282	0.3268	0.6891	1.915	0.38	3.73	0.3567	0.5829	10	0.0	0.0
0.3292	0.2739	0.3306	3.655	0.29	4.32	0.3567	0.5829	10	0.0	0.0

K (alternative) by run type



RELAX LRT p-values by run type



2H rates (reference) by run type



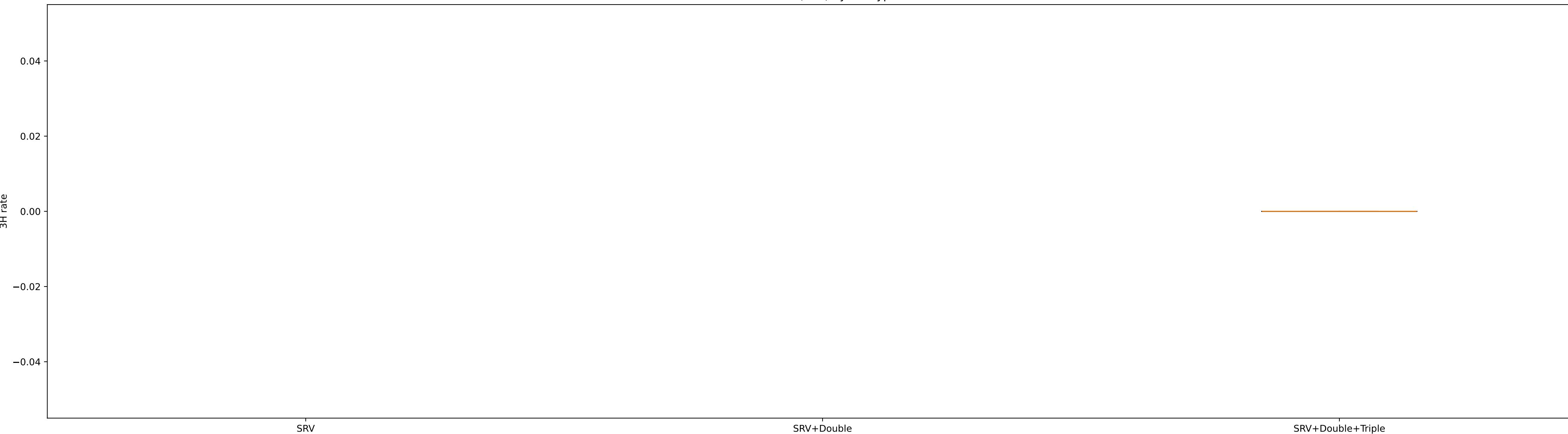
2H rates (test) by run type



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	0.3304	0.2	0.3567	0.5829
	2	0.3283	0.36	0.3567	0.5829
	3	0.3399	0.38	0.3567	0.5829
	4	0.3264	0.42	0.3567	0.5829
	5	0.3295	4.17	0.3567	0.5829
	6	0.3279	3.21	0.3567	0.5829
	7	0.3283	3.33	0.3567	0.5829
	8	0.3312	0.36	0.3567	0.5829
	9	0.3298	0.32	0.3567	0.5829
	10	0.3302	0.43	0.3567	0.5829

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

	replicate	p_value	K_alt	global_dNdS_re ference	global_dNdS_te st
	1	0.6891	0.38	0.3567	0.5829
	2	0.3275	0.41	0.3567	0.5829
	3	0.3284	3.62	0.3567	0.5829
	4	0.3283	3.41	0.3567	0.5829
	5	0.327	0.41	0.3567	0.5829
	6	0.3268	0.41	0.3567	0.5829
	7	0.3282	3.53	0.3567	0.5829
	8	0.3284	3.63	0.3567	0.5829
	9	0.3285	3.73	0.3567	0.5829
	10	0.3275	0.42	0.3567	0.5829

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

	replicate	p_value	K_alt	global_dNdS_re ference	global_dNdS_te st
	1	0.3281	0.39	0.3567	0.5829
	2	0.3284	0.38	0.3567	0.5829
	3	0.3294	4.26	0.3567	0.5829
	4	0.3293	4.32	0.3567	0.5829
	5	0.3306	0.29	0.3567	0.5829
	6	0.2739	0.33	0.3567	0.5829
	7	0.3292	3.86	0.3567	0.5829
	8	0.3286	3.58	0.3567	0.5829
	9	0.3295	3.73	0.3567	0.5829
	10	0.3292	3.91	0.3567	0.5829

test		Negative selection	0.0	17.099	SRV+Double
test		Negative selection	0.002	63.38	SRV+Double
test		Negative selection	0.005	17.099	SRV+Double
test		Negative selection	0.15	63.38	SRV+Double
reference		Diversifying selection	19.761	SRV+Double	
reference		Negative selection	0.054	17.256	SRV+Double
reference		Negative selection	0.137	62.983	SRV+Double
test		Diversifying selection	1.392	19.761	SRV+Double
test		Negative selection	0.054	17.256	SRV+Double
test		Negative selection	0.137	62.983	SRV+Double
reference		Diversifying selection	1.782	11.613	SRV+Double
reference		Negative selection	0.14	5.352	SRV+Double
reference		Negative selection	0.181	83.035	SRV+Double
test		Diversifying selection	1.269	11.613	SRV+Double
test		Diversifying selection	1.782	11.613	SRV+Double
test		Negative selection	0.444	5.352	SRV+Double
test		Negative selection	0.494	83.035	SRV+Double
test		Negative selection	0.14	5.352	SRV+Double
test		Negative selection	0.181	83.035	SRV+Double
reference		Diversifying selection	1.823	11.542	SRV+Double
reference		Negative selection	0.16	5.912	SRV+Double
reference		Negative selection	0.183	82.546	SRV+Double
test		Diversifying selection	1.823	11.542	SRV+Double
test		Negative selection	0.16	5.912	SRV+Double
test		Negative selection	0.183	82.546	SRV+Double
reference		Diversifying selection	1.777	11.691	SRV+Double
reference		Negative selection	0.117	4.674	SRV+Double
reference		Negative selection	0.181	83.635	SRV+Double
test		Diversifying selection	1.267	11.691	SRV+Double
test		Diversifying selection	1.777	11.691	SRV+Double
test		Negative selection	0.413	4.674	SRV+Double
test		Negative selection	0.495	83.635	SRV+Double
test		Negative selection	0.117	4.674	SRV+Double
test		Negative selection	0.181	83.635	SRV+Double
reference		Diversifying selection	1.816	11.641	SRV+Double
reference		Negative selection	0.149	5.19	SRV+Double
reference		Negative selection	0.183	83.17	SRV+Double
test		Diversifying selection	1.816	11.641	SRV+Double
test		Negative selection	0.149	5.19	SRV+Double
test		Negative selection	0.183	83.17	SRV+Double
reference		Diversifying selection	1.328	21.514	SRV+Double
reference		Negative selection	0.062	27.406	SRV+Double
reference		Negative selection	0.127	51.08	SRV+Double
test		Diversifying selection	2.719	21.514	SRV+Double
test		Diversifying selection	1.328	21.514	SRV+Double
test		Negative selection	0.0	27.406	SRV+Double
test		Negative selection	0.001	51.08	SRV+Double
test		Negative selection	0.062	27.406	SRV+Double
test		Negative selection	12.0127	51.08	SRV+Double
reference		Diversifying selection	1.342	21.252	SRV+Double

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

	class_id	syn_rate	proportion_per cent	run_type	
SRV	1	0.205	24.265	SRV	
	2	0.285	14.8	SRV	
	3	1.49	60.935	SRV	
	1	0.214	14.142	SRV	
	2	0.22	23.721	SRV	
	3	1.476	62.138	SRV	
	1	0.214	19.804	SRV	
	2	0.219	17.951	SRV	
	3	1.476	62.245	SRV	
SRV	1	0.205	31.747	SRV	
	2	0.205	5.139	SRV	
	3	1.465	63.114	SRV	
	1	0.215	37.557	SRV	
	2	1.443	0.0	SRV	
	3	1.472	62.443	SRV	
	1	0.214	37.305	SRV	
	2	0.222	0.234	SRV	
	3	1.472	62.461	SRV	
SRV	1	0.216	37.402	SRV	
	2	0.225	0.264	SRV	
	3	1.474	62.334	SRV	
	1	0.207	30.652	SRV	
	2	0.207	6.362	SRV	
	3	1.466	62.985	SRV	
	1	0.202	36.676	SRV	
	2	0.577	0.0	SRV	
	3	1.462	63.324	SRV	
SRV	1	0.202	28.882	SRV	
	2	0.203	7.843	SRV	
	3	1.463	63.275	SRV	

