

RELAX Combined Report

SRV vs SRV+Double vs SRV+Double+Triple

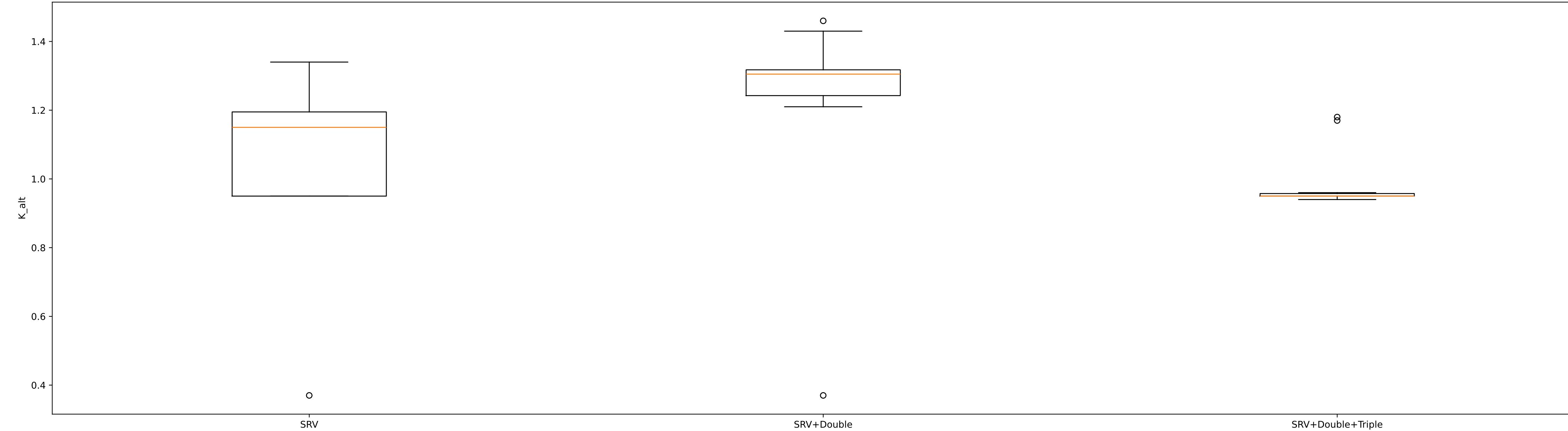
Includes:

- 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
0.9534	0.8733	1.0	1.15	0.37	1.34	0.2716	0.256	10	nan	nan
0.8866	0.8483	0.9376	1.305	0.37	1.46	0.2716	0.256	10	0.0	0.0
0.9662	0.9384	1.0	0.95	0.94	1.18	0.2716	0.256	10	0.0	0.0

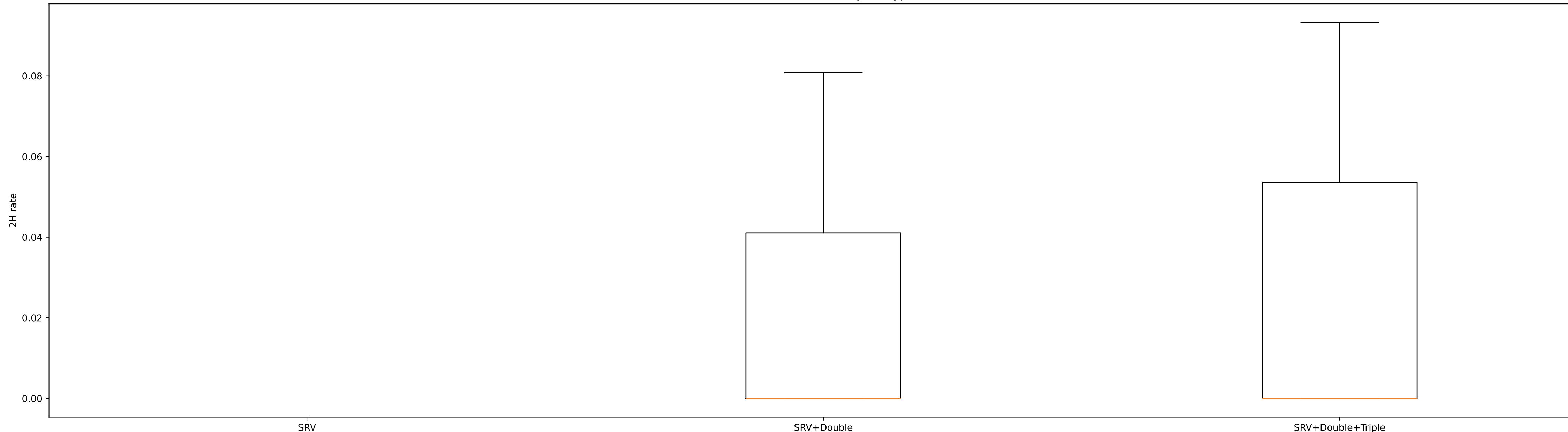
K (alternative) by run type



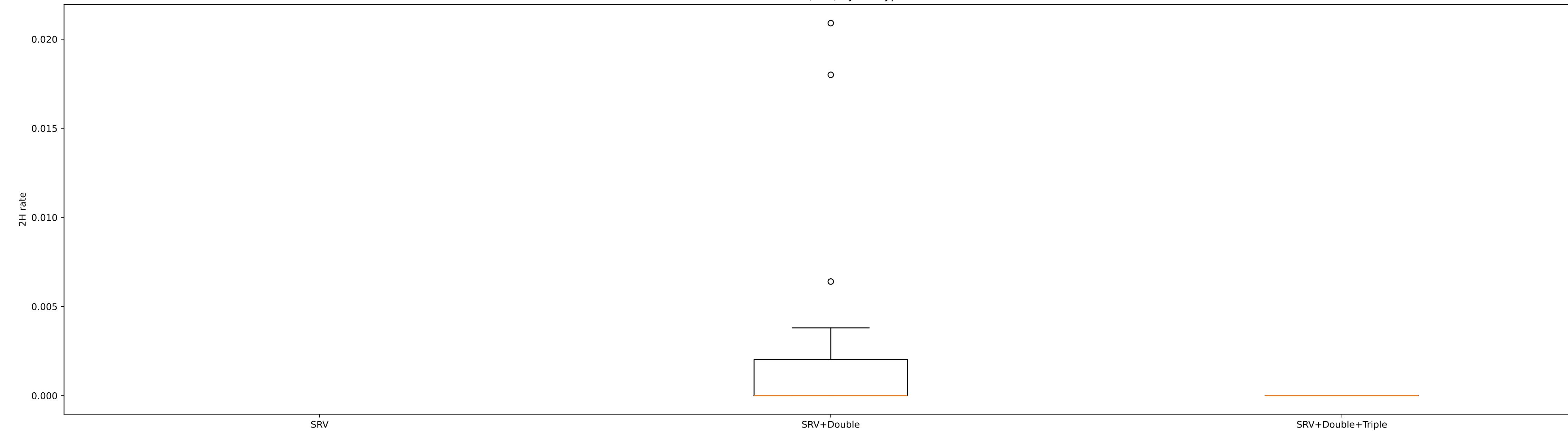
RELAX LRT p-values by run type



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	1.0	0.95	0.2716	0.256
	2	0.8733	0.37	0.2716	0.256
	3	0.9415	1.18	0.2716	0.256
	4	0.9652	0.95	0.2716	0.256
	5	1.0	1.13	0.2716	0.256
	6	0.9097	1.34	0.2716	0.256
	7	0.9302	1.2	0.2716	0.256
	8	1.0	1.17	0.2716	0.256
	9	0.9706	0.95	0.2716	0.256
	10	0.9307	1.2	0.2716	0.256

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

	replicate	p_value	K_alt	global_dNdS_re ference	global_dNdS_te st
	1	0.8483	1.46	0.2716	0.256
	2	0.8826	1.31	0.2716	0.256
	3	0.9162	1.21	0.2716	0.256
	4	0.8778	0.37	0.2716	0.256
	5	0.9376	1.32	0.2716	0.256
	6	0.9049	1.24	0.2716	0.256
	7	0.871	1.43	0.2716	0.256
	8	0.8907	1.3	0.2716	0.256
	9	0.8762	1.31	0.2716	0.256
	10	0.8996	1.25	0.2716	0.256

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

	replicate	p_value	K_alt	global_dNdS_re ference	global_dNdS_te st
	1	1.0	0.95	0.2716	0.256
	2	0.9628	0.95	0.2716	0.256
	3	0.9684	0.94	0.2716	0.256
	4	1.0	1.17	0.2716	0.256
	5	0.9698	0.95	0.2716	0.256
	6	0.9384	1.18	0.2716	0.256
	7	1.0	0.96	0.2716	0.256
	8	0.9566	0.94	0.2716	0.256
	9	0.9636	0.95	0.2716	0.256
	10	0.964	0.95	0.2716	0.256

	test	Negative s election	0.0	0.391	SRV+Double
	test	Negative s election	0.0	69.9	SRV+Double
	test	Neutral evolution	1.0	29.709	SRV+Double
	test	Neutral evolution	1.0	29.709	SRV+Double
	reference	Negative s election	0.0	0.268	SRV+Double
	reference	Negative s election	0.0	69.985	SRV+Double
	reference	Neutral evolution	1.0	29.747	SRV+Double
	test	Negative s election	0.0	0.268	SRV+Double
	test	Negative s election	0.0	69.985	SRV+Double
	test	Neutral evolution	1.0	29.747	SRV+Double
	reference	Negative s election	0.0	65.373	SRV+Double
	reference	Negative s election	0.652	16.888	SRV+Double
	reference	Neutral evolution	1.0	17.74	SRV+Double
	test	Negative s election	0.0	65.373	SRV+Double
	test	Negative s election	0.569	16.888	SRV+Double
	test	Negative s election	0.0	65.373	SRV+Double
	test	Negative s election	0.652	16.888	SRV+Double
	test	Neutral evolution	1.0	17.74	SRV+Double
	test	Neutral evolution	1.0	17.74	SRV+Double
	reference	Negative s election	0.0	65.559	SRV+Double
	reference	Negative s election	0.657	16.754	SRV+Double
	reference	Neutral evolution	1.0	17.687	SRV+Double
	test	Negative s election	0.0	65.559	SRV+Double
	test	Negative s election	0.657	16.754	SRV+Double
	test	Neutral evolution	1.0	17.687	SRV+Double
	reference	Negative s election	0.0	63.785	SRV+Double
	reference	Negative s election	0.632	20.802	SRV+Double
	reference	Neutral evolution	1.0	15.414	SRV+Double
	test	Negative s election	0.0	63.785	SRV+Double
	test	Negative s election	0.567	20.802	SRV+Double
	test	Negative s election	0.0	63.785	SRV+Double
	test	Negative s election	0.632	20.802	SRV+Double
	test	Neutral evolution	1.0	15.414	SRV+Double
	test	Neutral evolution	1.0	15.414	SRV+Double
	reference	Negative s election	0.0	63.737	SRV+Double
	reference	Negative s election	0.628	20.866	SRV+Double
	reference	Neutral evolution	1.0	15.397	SRV+Double
	test	Negative s election	0.0	63.737	SRV+Double
	test	Negative s election	0.628	20.866	SRV+Double
	test	Neutral evolution	1.0	15.397	SRV+Double
	reference	Negative s election	0.0	65.768	SRV+Double
	reference	Negative s election	0.728	20.237	SRV+Double
	reference	Neutral evolution	1.0	13.995	SRV+Double
	test	Negative s election	0.0	65.768	SRV+Double
	test	Negative s election	0.635	20.237	SRV+Double
	test	Negative s election	0.0	65.768	SRV+Double
	test	Negative s election	0.728	20.237	SRV+Double
	test	Neutral evolution	1.0	13.995	SRV+Double
	test	Neutral evolution	1.2	13.995	SRV+Double
	test	Negative s election	0.0	13.995	SRV+Double
	reference	Negative s election	0.0	65.782	SRV+Double

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

	class_id	syn_rate	proportion_per cent	run_type	
SRV	1	0.0	2.644	SRV	
	2	0.818	89.865	SRV	
	3	3.531	7.491	SRV	
	1	0.729	86.764	SRV	
	2	2.371	12.695	SRV	
	3	12.361	0.541	SRV	
	1	0.754	38.034	SRV	
	2	0.791	53.291	SRV	
	3	3.365	8.675	SRV	
SRV	1	0.768	73.315	SRV	
	2	0.791	17.642	SRV	
	3	3.286	9.044	SRV	
	1	0.701	55.051	SRV	
	2	0.909	36.805	SRV	
	3	3.435	8.144	SRV	
	1	0.738	87.985	SRV	
	2	2.597	11.624	SRV	
	3	12.428	0.391	SRV	
SRV	1	0.0	3.117	SRV	
	2	0.828	90.01	SRV	
	3	3.699	6.873	SRV	
	1	0.0	3.122	SRV	
	2	0.829	90.028	SRV	
	3	3.706	6.85	SRV	
	1	0.768	88.788	SRV	
	2	1.087	2.426	SRV	
	3	3.325	8.786	SRV	
SRV	1	0.0	3.127	SRV	
	2	0.829	90.007	SRV	
	3	3.701	6.866	SRV	

