

RELAX Combined Report

SRV vs SRV+Double vs SRV+Double+Triple

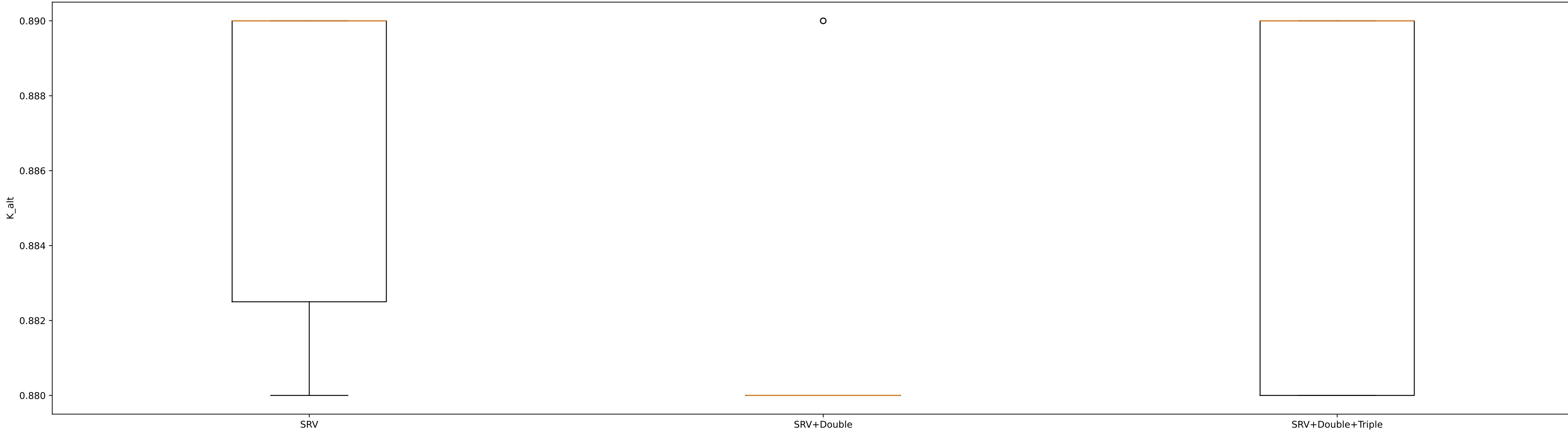
Includes:

- 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
0.6038	0.5997	0.636	0.89	0.88	0.89	0.2202	0.2565	10	nan	nan
0.6093	0.6033	0.6236	0.88	0.88	0.89	0.2202	0.2565	10	0.0	0.0
0.6064	0.5985	0.6348	0.89	0.88	0.89	0.2202	0.2565	10	0.0	0.0

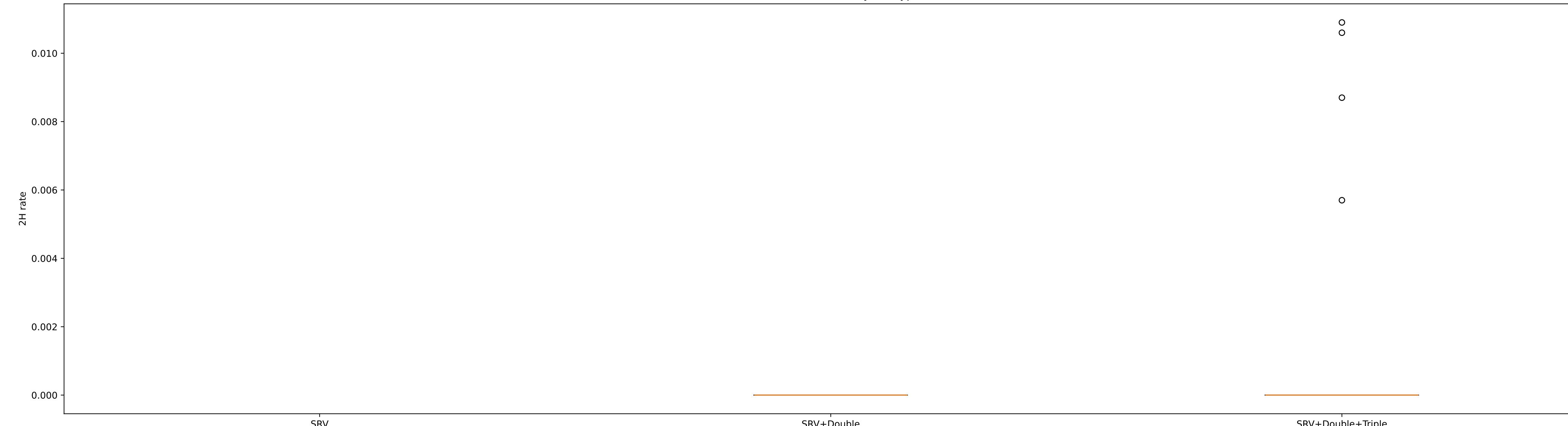
K (alternative) by run type



RELAX LRT p-values by run type



2H rates (reference) by run type



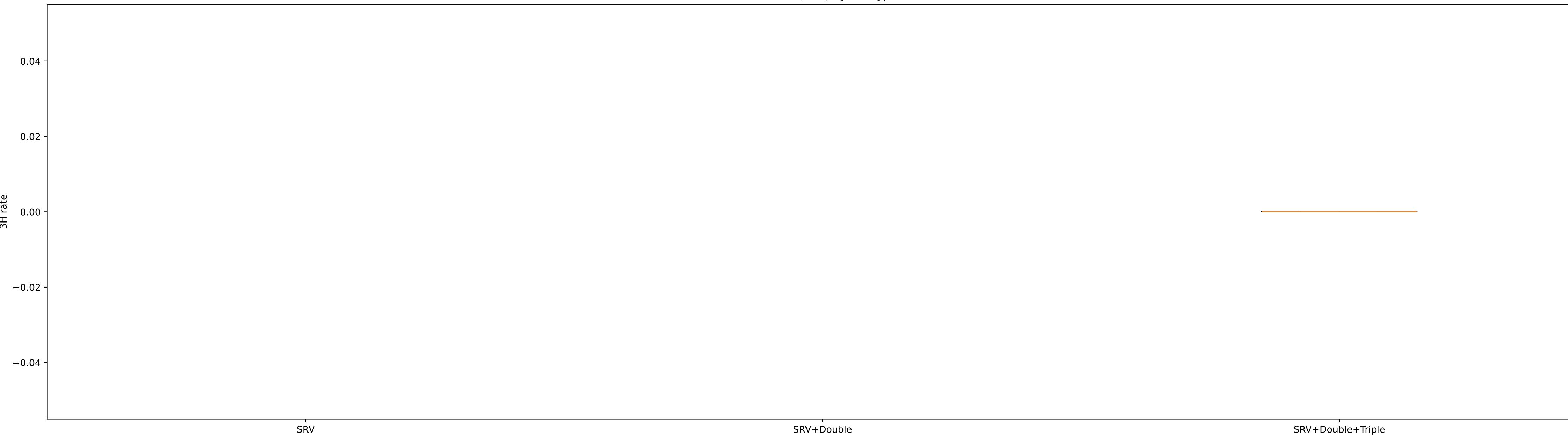
2H rates (test) by run type



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	0.636	0.89	0.2202	0.2565
	2	0.6005	0.89	0.2202	0.2565
	3	0.6266	0.89	0.2202	0.2565
	4	0.6001	0.88	0.2202	0.2565
	5	0.6054	0.89	0.2202	0.2565
	6	0.6047	0.89	0.2202	0.2565
	7	0.603	0.88	0.2202	0.2565
	8	0.6116	0.89	0.2202	0.2565
	9	0.6004	0.89	0.2202	0.2565
	10	0.5997	0.88	0.2202	0.2565

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

	replicate	p_value	K_alt	global_dNdS_re ference	global_dNdS_te st
	1	0.6091	0.88	0.2202	0.2565
	2	0.622	0.89	0.2209	0.2563
	3	0.6048	0.88	0.2202	0.2565
	4	0.6236	0.89	0.2202	0.2565
	5	0.6033	0.88	0.2202	0.2565
	6	0.6082	0.88	0.2202	0.2565
	7	0.6081	0.88	0.2202	0.2565
	8	0.6146	0.88	0.2202	0.2565
	9	0.6095	0.88	0.2202	0.2565
	10	0.6108	0.88	0.2202	0.2565

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

	replicate	p_value	K_alt	global_dNdS_re ference	global_dNdS_te st
	1	0.6084	0.89	0.2202	0.2565
	2	0.6008	0.88	0.2202	0.2565
	3	0.5985	0.88	0.2202	0.2565
	4	0.6038	0.89	0.2202	0.2565
	5	0.6032	0.88	0.2202	0.2565
	6	0.6118	0.89	0.2202	0.2565
	7	0.6155	0.89	0.2202	0.2565
	8	0.6044	0.88	0.2202	0.2565
	9	0.6136	0.89	0.2202	0.2565
	10	0.6348	0.89	0.2202	0.2565

	test	Negative selection	0.097	22.43	SRV+Double
	test	Negative selection	0.282	77.252	SRV+Double
	test	Negative selection	0.072	22.43	SRV+Double
	test	Negative selection	0.241	77.252	SRV+Double
	reference	Diversifying selecting on	Ω-class distributions (all) (cols 1-7/7)		SRV+Double
	reference	Negative selection	0.08	22.377	SRV+Double
	reference	Negative selection	0.242	77.106	SRV+Double
	test	Negative selection	1.76	0.517	SRV+Double
	test	Negative selection	0.08	22.377	SRV+Double
	test	Negative selection	0.242	77.106	SRV+Double
	reference	Diversifying selecting on	1.749	1.052	SRV+Double
	reference	Negative selection	0.167	10.512	SRV+Double
	reference	Negative selection	0.197	88.436	SRV+Double
	test	Diversifying selecting on	1.64	1.052	SRV+Double
	test	Diversifying selecting on	1.749	1.052	SRV+Double
	test	Negative selection	0.205	10.512	SRV+Double
	test	Negative selection	0.238	88.436	SRV+Double
	test	Negative selection	0.167	10.512	SRV+Double
	test	Negative selection	0.197	88.436	SRV+Double
	reference	Diversifying selecting on	1.573	1.074	SRV+Double
	reference	Negative selection	0.184	11.062	SRV+Double
	reference	Negative selection	0.201	87.864	SRV+Double
	test	Diversifying selecting on	1.573	1.074	SRV+Double
	test	Negative selection	0.184	11.062	SRV+Double
	test	Negative selection	0.201	87.864	SRV+Double
	reference	Diversifying selecting on	1.504	1.264	SRV+Double
	reference	Negative selection	0.153	54.376	SRV+Double
	reference	Negative selection	0.242	44.36	SRV+Double
	test	Diversifying selecting on	1.434	1.264	SRV+Double
	test	Diversifying selecting on	1.504	1.264	SRV+Double
	test	Negative selection	0.191	54.376	SRV+Double
	test	Negative selection	0.286	44.36	SRV+Double
	test	Negative selection	0.153	54.376	SRV+Double
	test	Negative selection	0.242	44.36	SRV+Double
	reference	Diversifying selecting on	1.334	1.319	SRV+Double
	reference	Negative selection	0.161	52.205	SRV+Double
	reference	Negative selection	0.241	46.476	SRV+Double
	test	Diversifying selecting on	1.334	1.319	SRV+Double
	test	Negative selection	0.161	52.205	SRV+Double
	test	Negative selection	0.241	46.476	SRV+Double
	reference	Diversifying selecting on	1.126	2.448	SRV+Double
	reference	Negative selection	0.185	83.274	SRV+Double
	reference	Negative selection	0.194	14.278	SRV+Double
	test	Diversifying selecting on	1.11	2.448	SRV+Double
	test	Diversifying selecting on	1.126	2.448	SRV+Double
	test	Negative selection	0.225	83.274	SRV+Double
	test	Negative selection	0.235	14.278	SRV+Double
	test	Negative selection	0.185	83.274	SRV+Double
	test	Negative selection	12 0.194	14.278	SRV+Double
	reference	Diversifying selecting on	1.043	2.416	SRV+Double

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

	class_id	syn_rate	proportion_per cent	run_type	
SRV	1	0.0	19.397	SRV	
	2	0.983	75.03	SRV	
	3	4.704	5.572	SRV	
	1	0.0	19.803	SRV	
	2	0.998	75.083	SRV	
	3	4.899	5.114	SRV	
	1	0.0	19.464	SRV	
	2	0.987	75.115	SRV	
	3	4.77	5.421	SRV	
SRV	1	0.0	19.834	SRV	
	2	0.999	75.072	SRV	
	3	4.908	5.094	SRV	
	1	0.0	19.966	SRV	
	2	1.001	74.919	SRV	
	3	4.89	5.115	SRV	
	1	0.0	19.932	SRV	
	2	1.0	74.938	SRV	
	3	4.885	5.13	SRV	
SRV	1	0.0	19.898	SRV	
	2	1.0	75.0	SRV	
	3	4.898	5.102	SRV	
	1	0.0	19.64	SRV	
	2	0.992	75.07	SRV	
	3	4.823	5.29	SRV	
	1	0.0	19.862	SRV	
	2	0.999	75.033	SRV	
	3	4.9	5.105	SRV	
SRV	1	0.0	19.891	SRV	
	2	1.0	75.013	SRV	
	3	4.905	5.096	SRV	

