

RELAX Combined Report

SRV vs SRV+Double vs SRV+Double+Triple

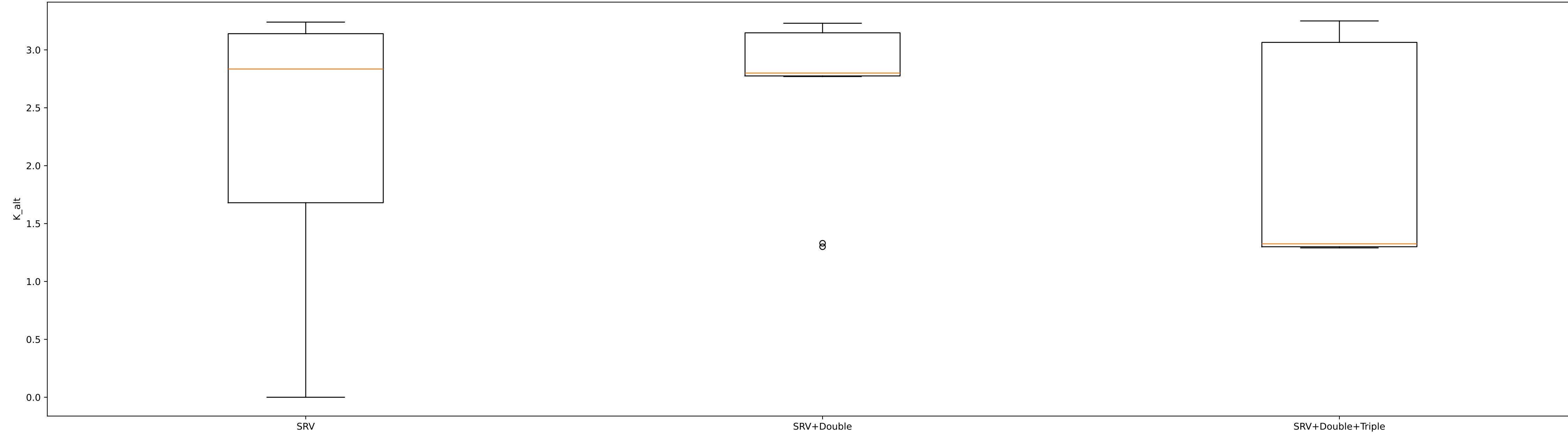
Includes:

- 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
0.0718	0.0656	0.4284	2.835	0.0	3.24	0.2914	0.2084	10	nan	nan
0.0725	0.0626	0.4683	2.8	1.3	3.23	0.2914	0.2084	10	0.0	0.0
0.4272	0.0689	0.5792	1.325	1.29	3.25	0.2914	0.2084	10	0.0	0.0

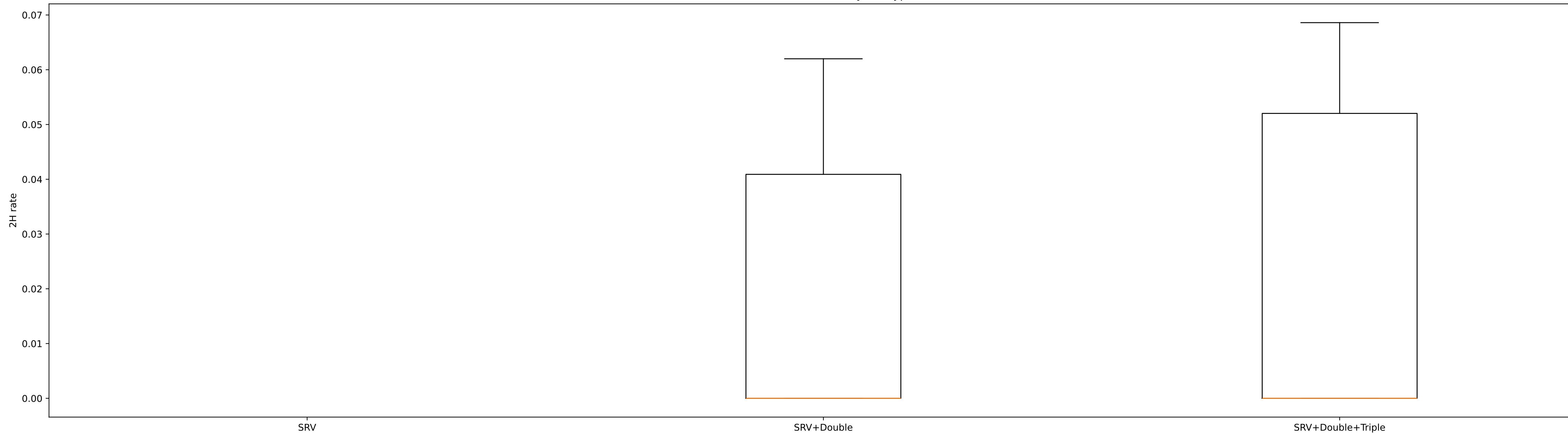
K (alternative) by run type



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	0.0788	0.0	0.2914	0.2084
	2	0.4202	1.32	0.2914	0.2084
	3	0.4284	1.29	0.2914	0.2084
	4	0.0688	3.17	0.2914	0.2084
	5	0.0717	2.85	0.2914	0.2084
	6	0.0722	2.76	0.2914	0.2084
	7	0.0656	2.82	0.2914	0.2084
	8	0.0689	3.16	0.2914	0.2084
	9	0.0689	3.24	0.2914	0.2084
	10	0.0718	3.08	0.2914	0.2084

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

	replicate	p_value	K_alt	global_dNdS_re ference	global_dNdS_te st
	1	0.0795	2.81	0.2914	0.2084
	2	0.0626	3.16	0.2914	0.2084
	3	0.0722	2.79	0.2914	0.2084
	4	0.0688	3.23	0.2914	0.2084
	5	0.0727	2.79	0.2914	0.2084
	6	0.4245	1.33	0.2912	0.2084
	7	0.4683	1.3	0.2914	0.2084
	8	0.0688	3.2	0.2914	0.2084
	9	0.0783	3.11	0.2914	0.2084
	10	0.0723	2.77	0.2914	0.2084

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

	replicate	p_value	K_alt	global_dNdS_reference	global_dNdS_test
	1	0.4267	1.3	0.2914	0.2084
	2	0.0722	2.78	0.2914	0.2086
	3	0.0691	3.16	0.2914	0.2084
	4	0.069	3.25	0.2914	0.2084
	5	0.4281	1.29	0.2914	0.2084
	6	0.4304	1.29	0.2914	0.2084
	7	0.0689	3.23	0.2914	0.2084
	8	0.5792	1.32	0.2914	0.2084
	9	0.5754	1.33	0.2914	0.2084
	10	0.4278	1.3	0.2914	0.2087

	test	Negative selection	0.0	63.906	SRV+Double
	test	Negative selection	0.584	36.094	SRV+Double
	test	Negative selection	0.0	63.906	SRV+Double
	test	Negative selection	0.847	36.094	SRV+Double
	reference	Diversifying selection	0.0	0.0	SRV+Double
	reference	Negative selection	0.0	64.515	SRV+Double
	reference	Negative selection	0.801	35.485	SRV+Double
	test	Negative selection	1.735	0.0	SRV+Double
	test	Negative selection	0.0	64.515	SRV+Double
	test	Negative selection	0.801	35.485	SRV+Double
	reference	Diversifying selection	1.007	0.0	SRV+Double
	reference	Negative selection	0.0	62.745	SRV+Double
	reference	Negative selection	0.814	37.255	SRV+Double
	test	Diversifying selection	1.019	0.0	SRV+Double
	test	Diversifying selection	1.007	0.0	SRV+Double
	test	Negative selection	0.0	62.745	SRV+Double
	test	Negative selection	0.564	37.255	SRV+Double
	test	Negative selection	0.0	62.745	SRV+Double
	test	Negative selection	0.814	37.255	SRV+Double
	reference	Diversifying selection	8.751	0.106	SRV+Double
	reference	Negative selection	0.0	63.166	SRV+Double
	reference	Negative selection	0.754	36.728	SRV+Double
	test	Diversifying selection	8.751	0.106	SRV+Double
	test	Negative selection	0.0	63.166	SRV+Double
	test	Negative selection	0.754	36.728	SRV+Double
	reference	Negative selection	0.0	10.088	SRV+Double
	reference	Negative selection	0.071	65.254	SRV+Double
	reference	Neutral evolution	1.0	24.658	SRV+Double
	test	Negative selection	0.0	10.088	SRV+Double
	test	Negative selection	0.029	65.254	SRV+Double
	test	Negative selection	0.0	10.088	SRV+Double
	test	Negative selection	0.071	65.254	SRV+Double
	test	Neutral evolution	1.0	24.658	SRV+Double
	test	Neutral evolution	1.0	24.658	SRV+Double
	reference	Negative selection	0.0	5.935	SRV+Double
	reference	Negative selection	0.045	68.277	SRV+Double
	reference	Neutral evolution	1.0	25.788	SRV+Double
	test	Negative selection	0.0	5.935	SRV+Double
	test	Negative selection	0.045	68.277	SRV+Double
	test	Neutral evolution	1.0	25.788	SRV+Double
	reference	Negative selection	0.0	8.365	SRV+Double
	reference	Negative selection	0.077	67.663	SRV+Double
	reference	Neutral evolution	1.0	23.973	SRV+Double
	test	Negative selection	0.0	8.365	SRV+Double
	test	Negative selection	0.036	67.663	SRV+Double
	test	Negative selection	0.0	8.365	SRV+Double
	test	Negative selection	0.077	67.663	SRV+Double
	test	Neutral evolution	1.0	23.973	SRV+Double
	test	Neutral evolution	1.2	23.973	SRV+Double
	test	Negative selection	1.0	23.973	SRV+Double
	reference	Negative selection	0.0	3.017	SRV+Double

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

	class_id	syn_rate	proportion_per cent	run_type	
1	1	0.0	2.962	SRV	
	2	0.825	90.027	SRV	
	3	3.664	7.011	SRV	
2	1	0.0	2.644	SRV	
	2	0.819	89.871	SRV	
	3	3.531	7.485	SRV	
3	1	0.772	90.904	SRV	
	2	3.276	8.079	SRV	
	3	3.297	1.017	SRV	
4	1	0.737	74.813	SRV	
	2	0.983	16.89	SRV	
	3	3.409	8.297	SRV	
5	1	0.732	68.073	SRV	
	2	0.923	23.584	SRV	
	3	3.409	8.344	SRV	
6	1	0.74	71.886	SRV	
	2	0.924	19.707	SRV	
	3	3.404	8.407	SRV	
7	1	0.767	89.969	SRV	
	2	1.794	2.3	SRV	
	3	3.479	7.731	SRV	
8	1	0.733	73.465	SRV	
	2	0.987	18.314	SRV	
	3	3.42	8.221	SRV	
9	1	0.743	77.9	SRV	
	2	0.995	13.731	SRV	
	3	3.398	8.369	SRV	
10	1	0.749	78.365	SRV	
	2	0.96	13.229	SRV	
	3	3.403	8.406	SRV	

