

## 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)

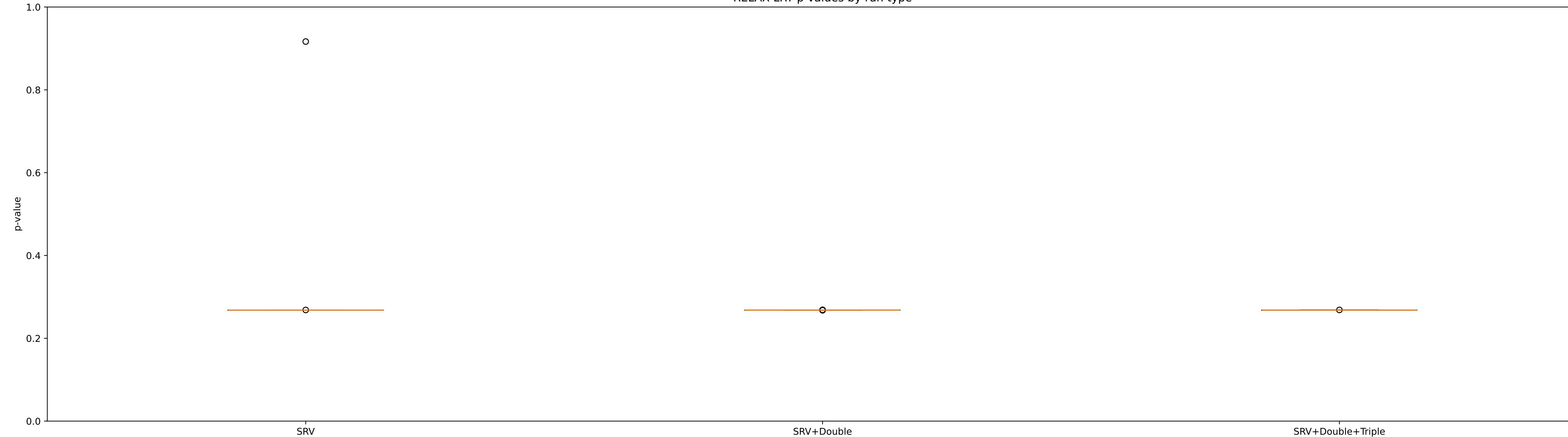
## Run-type summary statistics

<b>p_median</b>	<b>p_min</b>	<b>p_max</b>	<b>K_median</b>	<b>K_min</b>	<b>K_max</b>	<b>omega_ref_medi an</b>	<b>omega_test_medi an</b>	<b>warnings_count</b>	<b>2H_reference_m edian</b>	<b>2H_test_median</b>
0.2681	0.268	0.9166	1.595	1.34	1.6	0.2889	0.1396	10	nan	nan
0.268	0.2676	0.2686	1.595	1.59	1.6	0.2879	0.1393	10	0.0	0.0
0.2681	0.268	0.2685	1.59	1.59	1.6	0.2884	0.1394	10	0.0	0.0

K (alternative) by run type



### RELAX LRT p-values by run type



2H rates (reference) by run type



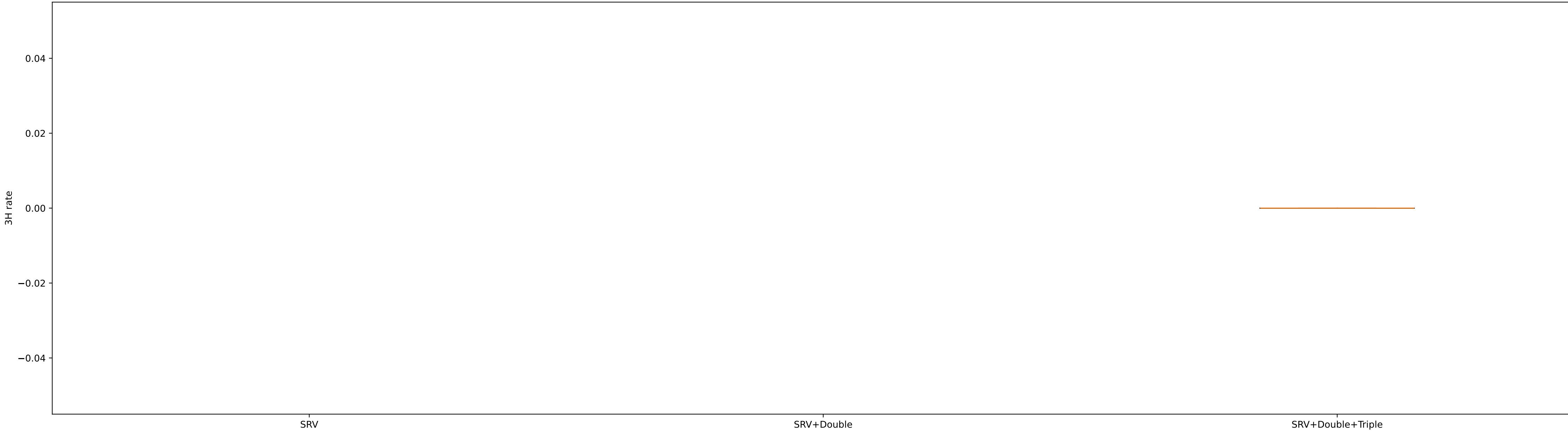
2H rates (test) by run type



3H rates (reference) by run type



3H rates (test) by run type



## Replicate-level summary — SRV (page 1/1)

	<b>replicate</b>	<b>p_value</b>	<b>K_alt</b>	<b>global_dNdS_re ference</b>	<b>global_dNdS_te st</b>
	1	0.2681	1.6	0.2879	0.1393
	2	0.268	1.59	0.2891	0.1396
	3	0.268	1.59	0.2875	0.1395
	4	0.268	1.6	0.2889	0.1396
	5	0.2681	1.6	0.2882	0.1394
	6	0.9166	1.34	0.2882	0.1394
	7	0.2681	1.6	0.2889	0.1396
	8	0.2684	1.59	0.2889	0.1396
	9	0.2681	1.6	0.2889	0.1396
	10	0.2682	1.59	0.2889	0.1396

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

	<b>replicate</b>	<b>p_value</b>	<b>K_alt</b>	<b>global_dNdS_re ference</b>	<b>global_dNdS_te st</b>
	1	0.2679	1.6	0.2879	0.1393
	2	0.2679	1.59	0.2879	0.1393
	3	0.2677	1.6	0.2879	0.1393
	4	0.2679	1.6	0.2889	0.1396
	5	0.268	1.6	0.2875	0.1396
	6	0.268	1.59	0.2879	0.1393
	7	0.2681	1.59	0.2879	0.1393
	8	0.2686	1.59	0.2889	0.1396
	9	0.2676	1.59	0.2883	0.1395
	10	0.2686	1.6	0.2879	0.1393

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

	<b>replicate</b>	<b>p_value</b>	<b>K_alt</b>	<b>global_dNdS_reference</b>	<b>global_dNdS_test</b>
	1	0.2681	1.6	0.2889	0.1396
	2	0.2683	1.6	0.2879	0.1393
	3	0.2681	1.59	0.2879	0.1393
	4	0.268	1.6	0.2889	0.1396
	5	0.2681	1.59	0.2879	0.1393
	6	0.2684	1.59	0.2874	0.1393
	7	0.2685	1.6	0.2891	0.1396
	8	0.2681	1.59	0.2879	0.1393
	9	0.2681	1.59	0.2889	0.1396
	10	0.268	1.59	0.2892	0.1395

test	Negative selection	0.0	0.0	SRV+Double
test	Negative selection	0.135	100.0	SRV+Double
test	Negative selection	0.0	0.0	SRV+Double
test	Negative selection, Diversifying selection	0.285	100.0	SRV+Double
reference	Diversifying selection	0.0	0.0	SRV+Double
reference	Negative selection	0.002	0.0	SRV+Double
reference	Negative selection, Diversifying selection	0.267	100.0	SRV+Double
test	Negative selection	1.654	0.0	SRV+Double
test	Negative selection	0.002	0.0	SRV+Double
test	Negative selection, Diversifying selection	0.267	100.0	SRV+Double
reference	Negative selection, Diversifying selection	7.187	0.0	SRV+Double
reference	Negative selection	0.276	13.134	SRV+Double
reference	Negative selection, Diversifying selection	0.286	86.866	SRV+Double
test	Negative selection, Diversifying selection	23.269	0.0	SRV+Double
test	Diversifying selection	7.187	0.0	SRV+Double
test	Negative selection	0.128	13.134	SRV+Double
test	Negative selection	0.136	86.866	SRV+Double
test	Negative selection	0.276	13.134	SRV+Double
test	Negative selection, Diversifying selection	0.286	86.866	SRV+Double
reference	Negative selection, Diversifying selection	1.449	0.0	SRV+Double
reference	Negative selection	0.246	11.715	SRV+Double
reference	Negative selection, Diversifying selection	0.269	88.285	SRV+Double
test	Negative selection	1.449	0.0	SRV+Double
test	Negative selection	0.246	11.715	SRV+Double
test	Negative selection	0.269	88.285	SRV+Double
reference	Negative selection	7.224	0.0	SRV+Double
reference	Negative selection	0.269	1.89	SRV+Double
reference	Negative selection, Diversifying selection	0.285	98.11	SRV+Double
test	Negative selection, Diversifying selection	23.287	0.0	SRV+Double
test	Diversifying selection	7.224	0.0	SRV+Double
test	Negative selection	0.124	1.89	SRV+Double
test	Negative selection	0.135	98.11	SRV+Double
test	Negative selection	0.269	1.89	SRV+Double
test	Negative selection, Diversifying selection	0.285	98.11	SRV+Double
reference	Negative selection	1.463	0.0	SRV+Double
reference	Negative selection	0.266	100.0	SRV+Double
reference	Negative selection, Diversifying selection	0.279	0.0	SRV+Double
test	Negative selection, Diversifying selection	1.463	0.0	SRV+Double
test	Negative selection	0.266	100.0	SRV+Double
test	Negative selection	0.279	0.0	SRV+Double
reference	Negative selection, Diversifying selection	7.699	0.0	SRV+Double
reference	Negative selection	0.264	16.725	SRV+Double
reference	Negative selection, Diversifying selection	0.289	83.275	SRV+Double
test	Negative selection, Diversifying selection	25.864	0.0	SRV+Double
test	Diversifying selection	7.699	0.0	SRV+Double
test	Negative selection	0.119	16.725	SRV+Double
test	Negative selection	0.138	83.275	SRV+Double
test	Negative selection	0.264	16.725	SRV+Double
test	Negative selection	12	83.275	SRV+Double
test	Negative selection, Diversifying selection	0.289	83.275	SRV+Double
reference	Negative selection, Diversifying selection	1.522	0.0	SRV+Double

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

	<b>class_id</b>	<b>syn_rate</b>	<b>proportion_per cent</b>	<b>run_type</b>	
	1	0.0	23.574	SRV	
	2	0.0	31.545	SRV	
	3	2.228	44.88	SRV	
SRV	1	0.0	55.117	SRV	
	2	0.002	0.0	SRV	
	3	2.228	44.883	SRV	
	1	0.0	50.083	SRV	
	2	0.0	5.032	SRV	
	3	2.228	44.885	SRV	
	1	0.0	55.124	SRV	
	2	0.0	0.0	SRV	
	3	2.228	44.876	SRV	
	1	0.0	28.424	SRV	
	2	0.0	26.695	SRV	
	3	2.228	44.881	SRV	
	1	0.0	22.704	SRV	
	2	0.0	32.487	SRV	
	3	2.232	44.809	SRV	
	1	0.0	29.344	SRV	
	2	0.0	25.773	SRV	
	3	2.228	44.883	SRV	
	1	0.0	55.119	SRV	
	2	0.0	0.0	SRV	
	3	2.228	44.881	SRV	
	1	0.0	26.931	SRV	
	2	0.0	28.191	SRV	
	3	2.228	44.877	SRV	
	1	0.0	55.121	SRV	
	2	0.0	0.0	SRV	
	3	2.228	44.879	SRV	

