

## 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)

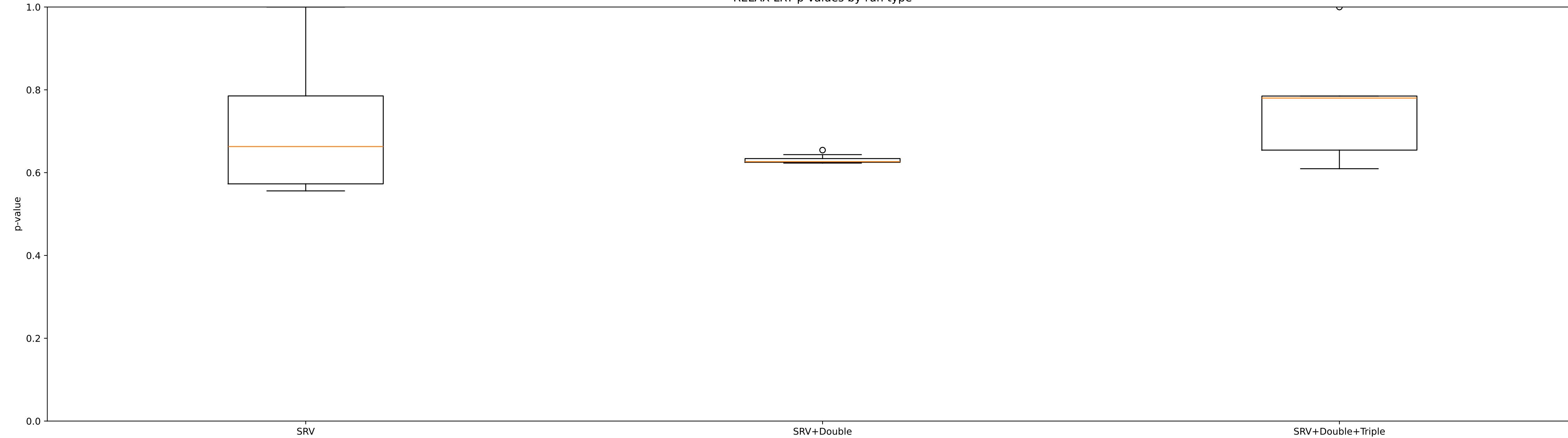
## Run-type summary statistics

<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>
0.663	0.5559	1.0	1.53	0.22	1.99	0.2723	0.2359	10	nan	nan
0.6266	0.6231	0.6544	2.01	1.98	2.05	0.2723	0.2359	10	0.0	0.0
0.7801	0.6095	1.0	1.93	1.45	25.9	0.2723	0.2359	9	0.0	0.0

K (alternative) by run type



RELAX LRT p-values by run type



2H rates (reference) by run type



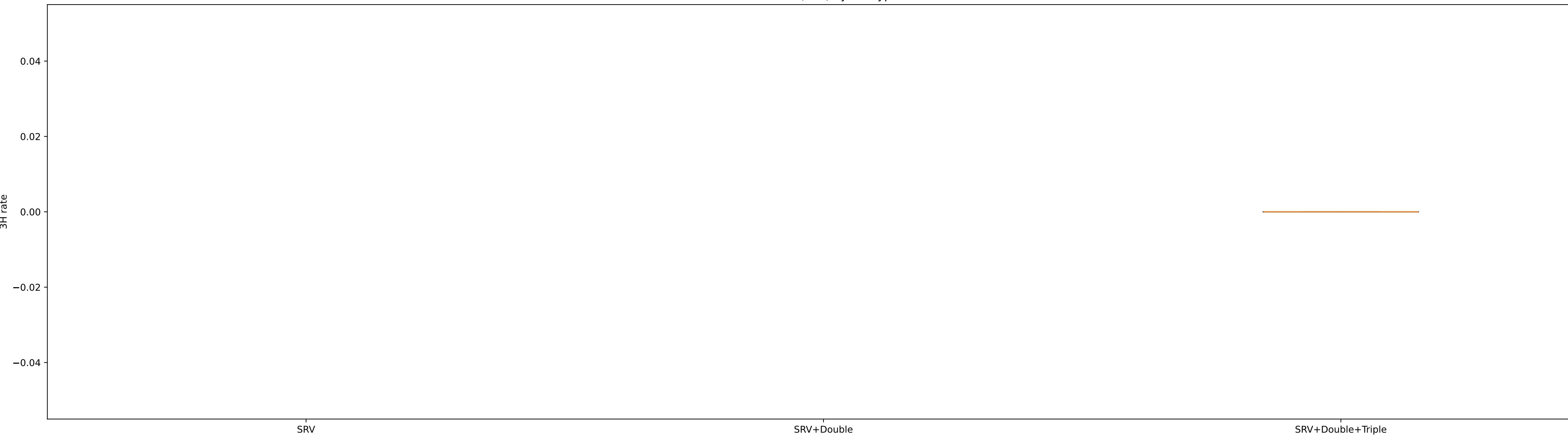
2H rates (test) by run type



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	0.561	0.24	0.2723	0.2359
	2	0.7846	1.5	0.2723	0.2359
	3	0.665	1.95	0.2723	0.2359
	4	0.661	1.99	0.2723	0.2359
	5	0.6085	1.95	0.2723	0.2359
	6	0.7855	1.55	0.2723	0.2359
	7	0.5608	0.23	0.2723	0.2359
	8	1.0	1.51	0.2723	0.2359
	9	1.0	1.56	0.2723	0.2359
	10	0.5559	0.22	0.2723	0.2359

## 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	0.6435	1.99	0.2723	0.2359
	2	0.6277	2.05	0.2723	0.2359
	3	0.6231	2.01	0.2723	0.2359
	4	0.6544	1.98	0.2723	0.2359
	5	0.6255	2.03	0.2725	0.2359
	6	0.6247	2.03	0.2724	0.236
	7	0.6255	2.01	0.2723	0.2359
	8	0.6354	2.01	0.2723	0.2359
	9	0.6248	2.02	0.2723	0.2359
	10	0.6298	2.0	0.2723	0.2359

## 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	0.6581	2.7	0.2723	0.2359
	2	0.7801	1.47	0.2723	0.2359
	3	1.0	25.9	0.2723	0.2359
	4	0.6533	1.93	0.2723	0.2359
	5	0.785	1.52	0.2723	0.2359
	6	nan	nan	0.2723	0.2359
	7	0.784	1.45	0.2723	0.2359
	8	0.6544	1.99	0.2723	0.2359
	9	0.785	1.57	0.2723	0.2359
	10	0.6095	2.1	0.2723	0.2359

	test		Negative selection	0.742		27.445		SRV+Double
	test		Neutral evolution	1.0		8.093		SRV+Double
	reference		Negative selection	0.0		64.218		SRV+Double
	reference		Negative selection	0.666	Ω-class distributions (all) (cols 1-7/7)	21.143		SRV+Double
	reference		Neutral evolution	1.0		14.639		SRV+Double
	test		Negative selection	0.0		64.218		SRV+Double
	test		Negative selection	0.447		21.143		SRV+Double
	test		Negative selection	0.0		64.218		SRV+Double
	test		Negative selection	0.666		21.143		SRV+Double
	test		Neutral evolution	1.0		14.639		SRV+Double
	test		Neutral evolution	1.0		14.639		SRV+Double
	reference		Negative selection	0.0		63.916		SRV+Double
	reference		Negative selection	0.653		21.79		SRV+Double
	reference		Neutral evolution	1.0		14.294		SRV+Double
	test		Negative selection	0.0		63.916		SRV+Double
	test		Negative selection	0.653		21.79		SRV+Double
	test		Neutral evolution	1.0		14.294		SRV+Double
	reference		Negative selection	0.0		64.649		SRV+Double
	reference		Negative selection	0.763		28.063		SRV+Double
	reference		Neutral evolution	1.0		7.288		SRV+Double
	test		Negative selection	0.0		64.649		SRV+Double
	test		Negative selection	0.577		28.063		SRV+Double
	test		Negative selection	0.0		64.649		SRV+Double
	test		Negative selection	0.763		28.063		SRV+Double
	test		Neutral evolution	1.0		7.288		SRV+Double
	test		Neutral evolution	1.0		7.288		SRV+Double
	reference		Negative selection	0.0		64.239		SRV+Double
	reference		Negative selection	0.743		28.584		SRV+Double
	reference		Neutral evolution	1.0		7.177		SRV+Double
	test		Negative selection	0.0		64.239		SRV+Double
	test		Negative selection	0.743		28.584		SRV+Double
	test		Neutral evolution	1.0		7.177		SRV+Double
	reference		Negative selection	0.0		64.628		SRV+Double
	reference		Negative selection	0.755		27.193		SRV+Double
	reference		Neutral evolution	1.0		8.18		SRV+Double
	test		Negative selection	0.0		64.628		SRV+Double
	test		Negative selection	0.564		27.193		SRV+Double
	test		Negative selection	0.0		64.628		SRV+Double
	test		Negative selection	0.755		27.193		SRV+Double
	test		Neutral evolution	1.0		8.18		SRV+Double
	test		Neutral evolution	1.0		8.18		SRV+Double
	reference		Negative selection	0.0		64.352		SRV+Double
	reference		Negative selection	0.738		27.644		SRV+Double
	reference		Neutral evolution	1.0		8.003		SRV+Double
	test		Negative selection	0.0		64.352		SRV+Double
	test		Negative selection	0.738		27.644		SRV+Double
	test		Neutral evolution	1.0		8.003		SRV+Double
	reference		Negative selection	0.0		64.533		SRV+Double
	reference		Negative selection	0.755		27.704		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>	
SRV	1	0.703	65.812	SRV	
	2	1.016	26.621	SRV	
	3	3.532	7.566	SRV	
	1	0.764	53.828	SRV	
	2	0.783	37.058	SRV	
	3	3.276	9.115	SRV	
	1	0.774	91.135	SRV	
	2	2.517	0.841	SRV	
	3	3.41	8.023	SRV	
SRV	1	0.0	3.122	SRV	
	2	0.829	90.047	SRV	
	3	3.711	6.832	SRV	
	1	0.772	90.975	SRV	
	2	2.617	1.371	SRV	
	3	3.418	7.654	SRV	
	1	0.0	2.677	SRV	
	2	0.819	89.881	SRV	
	3	3.542	7.443	SRV	
SRV	1	0.702	64.906	SRV	
	2	1.005	27.495	SRV	
	3	3.526	7.599	SRV	
	1	0.0	2.68	SRV	
	2	0.819	89.909	SRV	
	3	3.552	7.411	SRV	
	1	0.0	2.661	SRV	
	2	0.819	89.916	SRV	
	3	3.547	7.423	SRV	
SRV	1	0.699	63.74	SRV	
	2	0.999	28.642	SRV	
	3	3.524	7.618	SRV	

