

## RELAX Combined Report

SRV vs SRV+Double vs SRV+Double+Triple

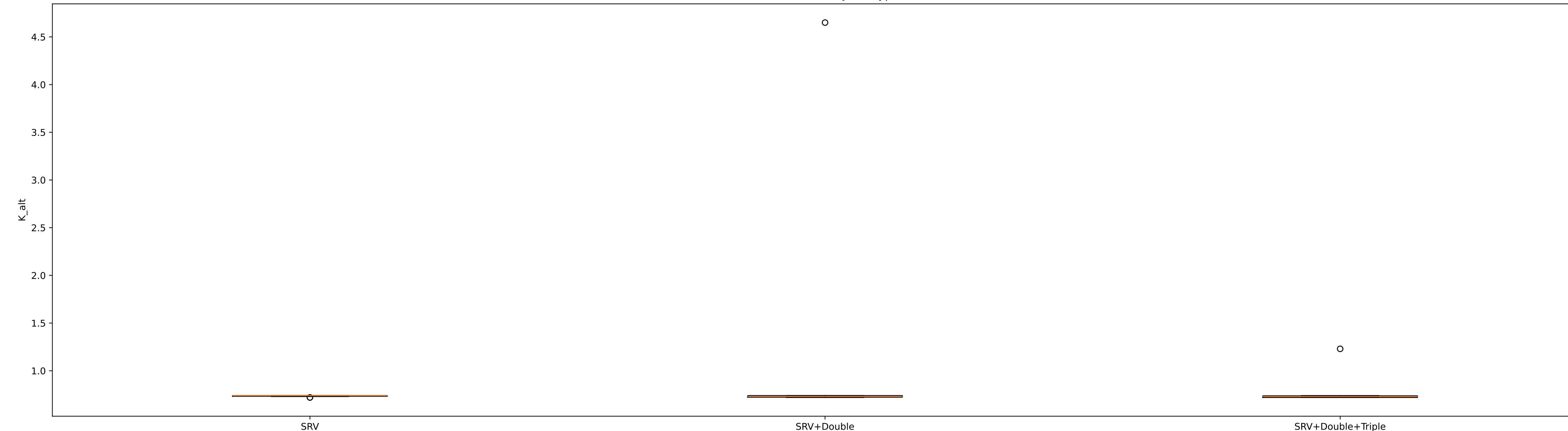
Includes:

- Run-type summary
- Boxplots: K, p-values, 2H/3H
- Full omega/SRV/multihit tables (column-paged)

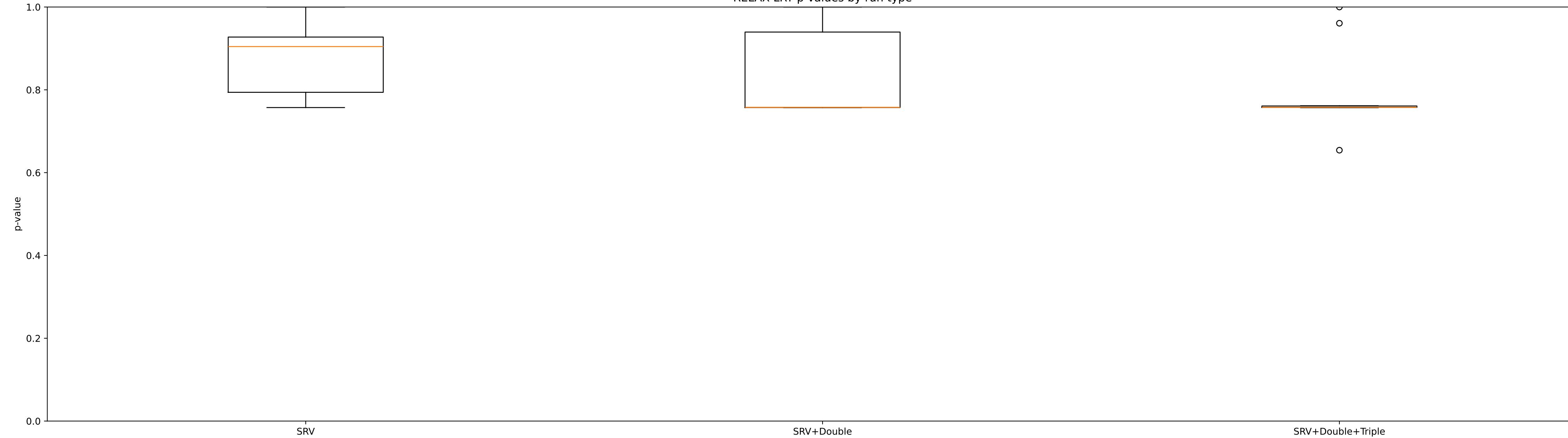
## Run-type summary statistics

<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>
0.9045	0.7572	1.0	0.74	0.72	0.74	0.3115	0.4172	10	nan	nan
0.7577	0.7571	1.0	0.73	0.72	4.65	0.3115	0.4172	10	0.0	0.0
0.7579	0.6542	1.0	0.73	0.72	1.23	0.3115	0.4172	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	0.8908	0.74	0.3115	0.4172
	2	0.7617	0.72	0.3116	0.4172
	3	1.0	0.74	0.3113	0.4177
	4	0.9021	0.74	0.3115	0.4172
	5	0.929	0.74	0.3115	0.4172
	6	0.7572	0.73	0.3115	0.4172
	7	0.758	0.72	0.3115	0.4172
	8	0.9228	0.74	0.3115	0.4172
	9	0.9391	0.74	0.3113	0.4177
	10	0.9069	0.74	0.3115	0.4172

## 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	0.758	0.72	0.3115	0.4172
	2	0.7572	0.72	0.3115	0.4172
	3	0.7578	0.72	0.3115	0.4172
	4	1.0	0.74	0.3115	0.4172
	5	0.7572	0.73	0.3115	0.4172
	6	1.0	0.74	0.3115	0.4172
	7	1.0	0.74	0.3115	0.4172
	8	0.7571	0.73	0.3115	0.4172
	9	0.7575	4.65	0.3115	0.4172
	10	0.7576	0.73	0.3113	0.4177

## Replicate-level summary — SRV+Double+Triple (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	0.758	0.73	0.3115	0.4172
	2	0.7575	0.72	0.3115	0.4172
	3	0.6542	1.23	0.3113	0.4177
	4	0.7578	0.72	0.3115	0.4172
	5	0.9608	0.74	0.3115	0.4172
	6	0.7576	0.73	0.3115	0.4172
	7	0.7592	0.73	0.3115	0.4172
	8	0.7615	0.72	0.3115	0.4172
	9	1.0	0.74	0.3115	0.4172
	10	0.7569	0.72	0.3113	0.4177

				0.324	0.0	SRV+Double
	test		Negative s election	0.415	100.0	SRV+Double
	test		Negative s election	0.218	0.0	SRV+Double
	test		Negative s election	0.304	100.0	SRV+Double
	reference		Diversifying selecting on	<b>Ω-class distributions (all) (cols 1-7/7)</b>		
	reference		Negative s election	0.2	0.0	SRV+Double
	reference		Negative s election	0.31	100.0	SRV+Double
	test		Diversifying selecting on	1.164	0.0	SRV+Double
	test		Negative s election	0.2	0.0	SRV+Double
	test		Negative s election	0.31	100.0	SRV+Double
	reference		Diversifying selecting on	1.017	0.0	SRV+Double
	reference		Negative s election	0.241	0.0	SRV+Double
	reference		Negative s election	0.304	100.0	SRV+Double
	test		Diversifying selecting on	1.012	0.0	SRV+Double
	test		Diversifying selecting on	1.017	0.0	SRV+Double
	test		Negative s election	0.356	0.0	SRV+Double
	test		Negative s election	0.421	100.0	SRV+Double
	test		Negative s election	0.241	0.0	SRV+Double
	test		Negative s election	0.304	100.0	SRV+Double
	reference		Diversifying selecting on	1.104	0.0	SRV+Double
	reference		Negative s election	0.147	0.0	SRV+Double
	reference		Negative s election	0.31	100.0	SRV+Double
	test		Diversifying selecting on	1.104	0.0	SRV+Double
	test		Negative s election	0.147	0.0	SRV+Double
	test		Negative s election	0.31	100.0	SRV+Double
	reference		Diversifying selecting on	1.008	0.0	SRV+Double
	reference		Negative s election	0.123	0.0	SRV+Double
	reference		Negative s election	0.304	100.0	SRV+Double
	test		Diversifying selecting on	1.006	0.0	SRV+Double
	test		Diversifying selecting on	1.008	0.0	SRV+Double
	test		Negative s election	0.214	0.0	SRV+Double
	test		Negative s election	0.415	100.0	SRV+Double
	test		Negative s election	0.123	0.0	SRV+Double
	test		Negative s election	0.304	100.0	SRV+Double
	reference		Diversifying selecting on	1.088	0.0	SRV+Double
	reference		Negative s election	0.283	0.0	SRV+Double
	reference		Negative s election	0.31	100.0	SRV+Double
	test		Diversifying selecting on	1.088	0.0	SRV+Double
	test		Negative s election	0.283	0.0	SRV+Double
	test		Negative s election	0.31	100.0	SRV+Double
	reference		Diversifying selecting on	1.006	0.0	SRV+Double
	reference		Negative s election	0.304	100.0	SRV+Double
	reference		Negative s election	0.306	0.0	SRV+Double
	test		Diversifying selecting on	1.004	0.0	SRV+Double
	test		Diversifying selecting on	1.006	0.0	SRV+Double
	test		Negative s election	0.414	100.0	SRV+Double
	test		Negative s election	0.417	0.0	SRV+Double
	test		Negative s election	0.304	100.0	SRV+Double
	test		Negative s election	12	0.0	SRV+Double
	test		Negative s election	0.306	0.0	SRV+Double
	reference		Diversifying selecting on	1.165	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>	
SRV	1	0.006	0.0	SRV	
	2	0.249	79.379	SRV	
	3	3.892	20.621	SRV	
	1	0.458	58.713	SRV	
	2	0.834	34.617	SRV	
	3	6.632	6.671	SRV	
	1	0.001	0.0	SRV	
	2	0.373	85.51	SRV	
	3	4.701	14.49	SRV	
SRV	1	0.002	0.0	SRV	
	2	0.242	79.036	SRV	
	3	3.858	20.964	SRV	
	1	0.0	0.0	SRV	
	2	0.262	80.026	SRV	
	3	3.958	19.974	SRV	
	1	0.431	6.195	SRV	
	2	0.599	86.864	SRV	
	3	6.531	6.941	SRV	
SRV	1	0.03	0.0	SRV	
	2	0.59	93.172	SRV	
	3	6.601	6.828	SRV	
	1	0.005	0.0	SRV	
	2	0.226	78.253	SRV	
	3	3.784	21.747	SRV	
	1	0.002	0.0	SRV	
	2	0.318	82.829	SRV	
	3	4.289	17.171	SRV	
SRV	1	0.005	0.0	SRV	
	2	0.215	77.702	SRV	
	3	3.734	22.298	SRV	

