RELAX Combined Report

SRV vs SRV+Double vs SRV+Double+Triple
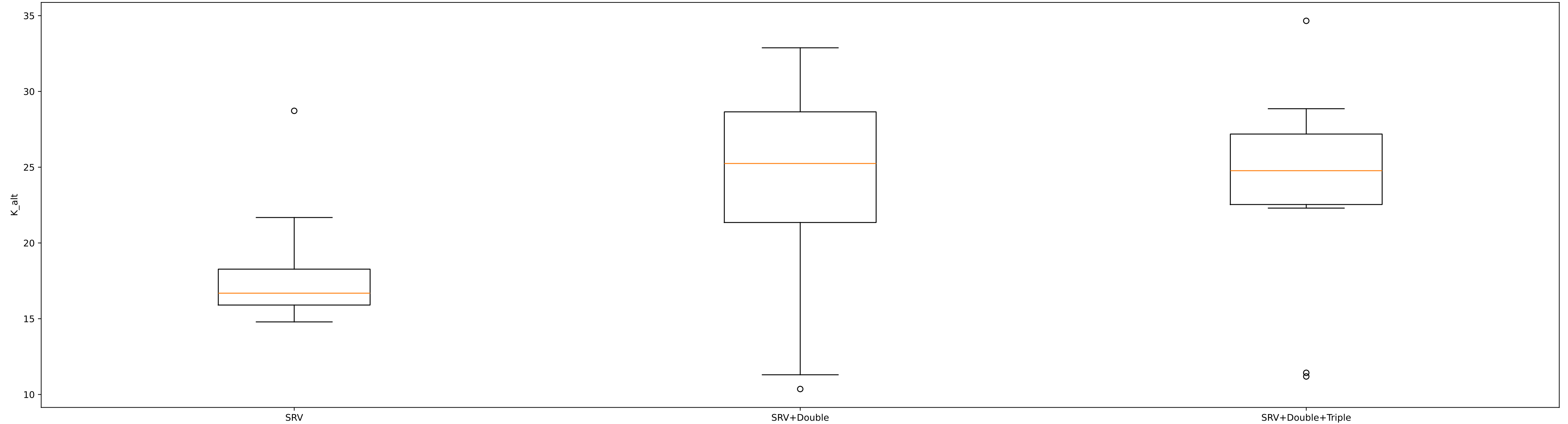
Includes:

- Run-type summary

- Boxplots: K, p-values, 2H/3H

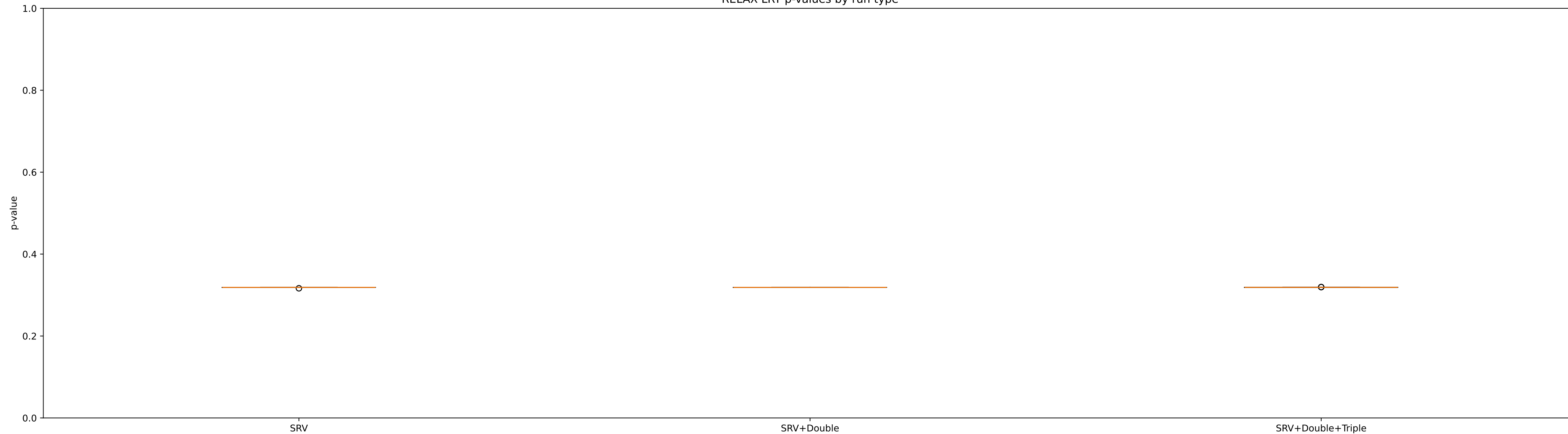- Full omega/SRV/multihit tables (column-paged)

Run-type summary statistics

p_median	p_min	p_max	K_median	K_min	K_max	omega_ref_median	omega_test_median	warnings_count	2H_reference_median	2H_test_median
0.3188	0.3165	0.3189	16.685	14.79	28.72	0.2733	0.0	10	nan	nan
0.3187	0.3186	0.3189	25.245	10.36	32.88	0.2734	0.0	10	0.0	0.0
0.3188	0.3187	0.3195	24.77	11.19	34.66	0.2734	0.0	10	0.0	0.0

K (alternative) by run type

3

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

SRV SRV+Double SRV+Double+Triple

3H rates (test) by run type

	replicate	p_value	K_alt	global_dNdS_reference	global_dNdS_test	
	1	0.3187	15.79	0.2733	0.0	
	2	0.3187	28.72	0.2733	0.0	
	3	0.3188	16.96	0.2731	0.0	
	4	0.3188	16.74	0.2727	0.0	
	5	0.3188	14.79	0.2735	0.0	
	6	0.3187	21.68	0.2733	0.0	
	7	0.3188	18.71	0.2735	0.0	
	8	0.3186	14.81	0.2735	0.0	
	9	0.3189	16.24	0.2727	0.0	
	10	0.3165	16.63	0.2756	0.0	

	replicate	p_value	K_alt	global_dNdS_reference	global_dNdS_test	
	1	0.3187	10.36	0.2724	0.0	
	2	0.3188	30.2	0.2733	0.0	
	3	0.3188	28.13	0.2733	0.0	
	4	0.3189	28.66	0.2735	0.0	
	5	0.3186	21.68	0.2734	0.0	
	6	0.3187	32.88	0.2734	0.0	
	7	0.3188	28.63	0.2735	0.0	
	8	0.3187	21.24	0.2735	0.0	
	9	0.3187	22.36	0.2735	0.0	
	10	0.3187	11.3	0.2724	0.0	

replicate	global_dNdS_test	p_value	K_alt	global_dNdS_reference	global_dNdS_test	
1		0.3187	28.86	0.2733	0.0	
2		0.3195	25.21	0.2735	0.0	
3		0.3188	22.3	0.2734	0.0	
4		0.3187	11.19	0.2734	0.0	
5		0.319	27.52	0.2735	0.0	
6		0.3188	34.66	0.2735	0.0	
7		0.3187	23.25	0.2731	0.0	
8		0.3188	24.33	0.2735	0.0	
9		0.3194	26.19	0.2734	0.0	
10		0.3187	11.43	0.2733	0.0	

Ω-class distributions (all) (cols 1-7/7)

test	Negative s election	0.002	0.0	SRV+Double	
test	Negative s election	0.269	100.0	SRV+Double	
test	Negative s election	0.809	0.0	SRV+Double	
reference	Diversifyi ng selecti on	3.192	0.0	SRV+Double	
reference	Negative s election	0.266	100.0	SRV+Double	
reference	Negative s election	0.646	0.0	SRV+Double	
test	Diversifyi ng selecti on	3.192	0.0	SRV+Double	
test	Negative s election	0.266	100.0	SRV+Double	
test	Negative s election	0.646	0.0	SRV+Double	
reference	Diversifyi ng selecti on	2.755	0.0	SRV+Double	
reference	Negative s election	0.001	0.0	SRV+Double	
reference	Negative s election	0.27	100.0	SRV+Double	
test	Diversifyi ng selecti on	2.755	0.0	SRV+Double	
test	Negative s election	0.0	0.0	SRV+Double	
test	Negative s election	0.0	100.0	SRV+Double	
test	Negative s election	0.001	0.0	SRV+Double	
test	Negative s election	0.27	100.0	SRV+Double	
reference	Diversifyi ng selecti on	8.729	0.0	SRV+Double	
reference	Negative s election	0.003	0.0	SRV+Double	
reference	Negative s election	0.266	100.0	SRV+Double	
test	Diversifyi ng selecti on	8.729	0.0	SRV+Double	
test	Negative s election	0.003	0.0	SRV+Double	
test	Negative s election	0.266	100.0	SRV+Double	
reference	Diversifyi ng selecti on	1.282	0.0	SRV+Double	
reference	Negative s election	0.269	100.0	SRV+Double	
reference	Negative s election	0.908	0.0	SRV+Double	
test	Diversifyi ng selecti on	3556.629	0.0	SRV+Double	
test	Diversifyi ng selecti on	1.282	0.0	SRV+Double	
test	Negative s election	0.0	100.0	SRV+Double	
test	Negative s election	0.042	0.0	SRV+Double	
test	Negative s election	0.269	100.0	SRV+Double	
test	Negative s election	0.908	0.0	SRV+Double	
reference	Diversifyi ng selecti on	3.047	0.0	SRV+Double	
reference	Negative s election	0.266	100.0	SRV+Double	
reference	Negative s election	0.725	0.0	SRV+Double	
test	Diversifyi ng selecti on	3.047	0.0	SRV+Double	
test	Negative s election	0.266	100.0	SRV+Double	
test	Negative s election	0.725	0.0	SRV+Double	
reference	Diversifyi ng selecti on	1.09	0.0	SRV+Double	
reference	Negative s election	0.269	100.0	SRV+Double	
reference	Negative s election	0.793	0.0	SRV+Double	
test	Diversifyi ng selecti on	11.885	0.0	SRV+Double	
test	Diversifyi ng selecti on	1.09	0.0	SRV+Double	
test	Negative s election	0.0	100.0	SRV+Double	
test	Negative s election	0.001	0.0	SRV+Double	
test	Negative s election	0.269	100.0	SRV+Double	
test	Negative s election	0.793	0.0	SRV+Double	
reference	Diversifyi ng selecti on	2.128	0.0	SRV+Double	
reference	Negative s election	0.266	100.0	SRV+Double	

	class_id	syn_rate	proportion_percent	run_type	
	1	0.0	55.125	SRV	
	2	0.0	0.0	SRV	
	3	2.228	44.875	SRV	
	1	0.0	53.132	SRV	
	2	0.0	1.99	SRV	
	3	2.228	44.878	SRV	
	1	0.0	55.119	SRV	
	2	0.0	0.0	SRV	
	3	2.228	44.881	SRV	
	1	0.0	24.947	SRV	
	2	0.0	30.176	SRV	
	3	2.228	44.877	SRV	
	1	0.0	26.163	SRV	
	2	0.0	28.953	SRV	
	3	2.228	44.884	SRV	
	1	0.0	28.532	SRV	
	2	0.0	26.59	SRV	
	3	2.228	44.877	SRV	
	1	0.0	52.63	SRV	
	2	0.0	2.495	SRV	
	3	2.228	44.876	SRV	
	1	0.0	29.357	SRV	
	2	0.0	25.766	SRV	
	3	2.228	44.876	SRV	
	1	0.0	24.647	SRV	
	2	0.0	30.47	SRV	
	3	2.228	44.883	SRV	
	1	0.0	53.165	SRV	
	2	0.0	0.0	SRV	
	3	2.135	46.834	SRV	

Multihit (2H/3H) rates (all) (cols 1-6/6)

test	2H	0.0	SRV+Double
reference	2H	0.0	SRV+Double
test	2H	0.0	SRV+Double
reference	2H	0.0	SRV+Double
test	2H	0.0	SRV+Double
reference	2H	0.0	SRV+Double+Triple
reference	3H	0.0	SRV+Double+Triple
test	2H	0.0	SRV+Double+Triple
test	3H	0.0	SRV+Double+Triple
reference	2H	0.0	SRV+Double+Triple
reference	3H	0.0	SRV+Double+Triple
test	2H	0.0	SRV+Double+Triple
test	3H	0.0	SRV+Double+Triple
reference	2H	0.0	SRV+Double+Triple
reference	3H	0.0	SRV+Double+Triple
test	2H	0.0	SRV+Double+Triple
test	3H	0.0	SRV+Double+Triple
reference	2H	0.0	SRV+Double+Triple
reference	3H	0.0	SRV+Double+Triple
test	2H	0.0	SRV+Double+Triple
test	3H	0.0	SRV+Double+Triple
reference	2H	0.0	SRV+Double+Triple
reference	3H	0.0	SRV+Double+Triple
test	2H	0.0	SRV+Double+Triple
test	3H	0.0	SRV+Double+Triple
reference	2H	0.0	SRV+Double+Triple
reference	3H	0.0	SRV+Double+Triple
test	2H	0.0	SRV+Double+Triple
test	3H	0.0	SRV+Double+Triple
reference	2H	0.0	SRV+Double+Triple
reference	3H	0.0	SRV+Double+Triple
test	2H	0.0	SRV+Double+Triple
test	3H	0.0	SRV+Double+Triple
reference	2H	0.0	SRV+Double+Triple
reference	3H	0.0	SRV+Double+Triple
test	2H	0.0	SRV+Double+Triple
test	3H	0.0	SRV+Double+Triple
reference	2H	0.0	SRV+Double+Triple
reference	3H	0.0	SRV+Double+Triple
test	2H	0.0	SRV+Double+Triple
test	3H	0.0	SRV+Double+Triple
reference	2H	0.0	SRV+Double+Triple
reference	3H	0.0	SRV+Double+Triple
test	2H	0.0	SRV+Double+Triple
test	3H	0.0	SRV+Double+Triple
reference	2H	0.0	SRV+Double+Triple
reference	3H	0.0	SRV+Double+Triple
test	2H	0.0	SRV+Double+Triple
test	3H	0.0	SRV+Double+Triple
reference	2H	0.0	SRV+Double+Triple