

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)

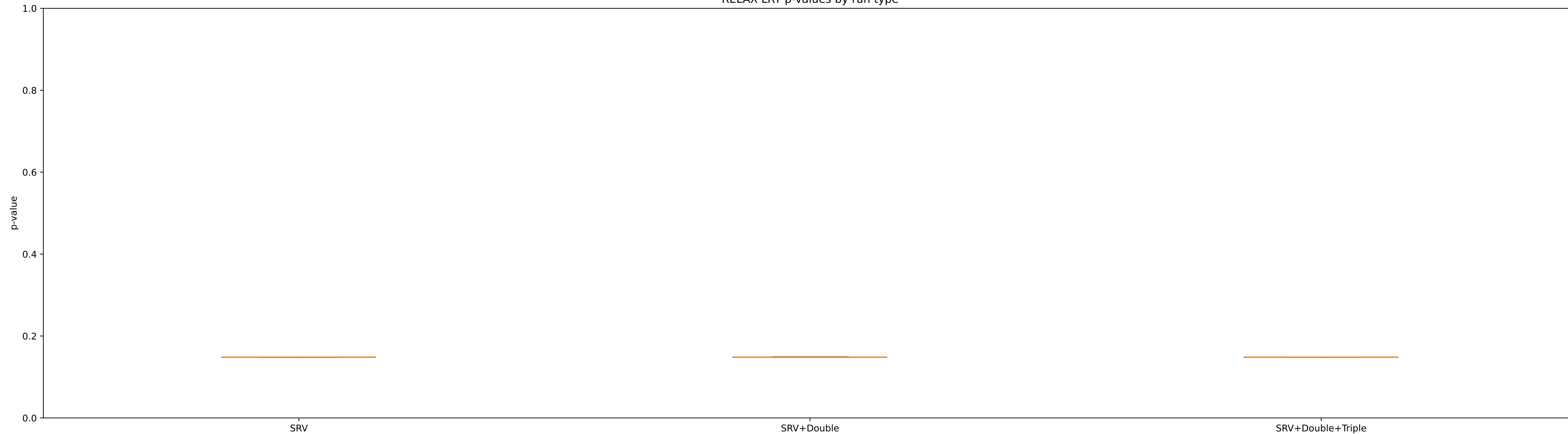
Run-type summary statistics

p_median	p_min	p_max	K_median	K_min	K_max	omega_ref_med ian	omega_test_med ian	warnings_count	2H_reference_m edian	2H_test_median
0.1482	0.148	0.1484	0.0	0.0	0.0	0.2523	35.5278	10	nan	nan
0.1482	0.1481	0.1488	0.0	0.0	0.0	0.2523	35.5278	10	0.0	0.0
0.1482	0.1481	0.1483	0.0	0.0	0.0	0.2523	35.5277	10	0.0	0.0

K (alternative) by run type



RELAX LRT p-values by run type

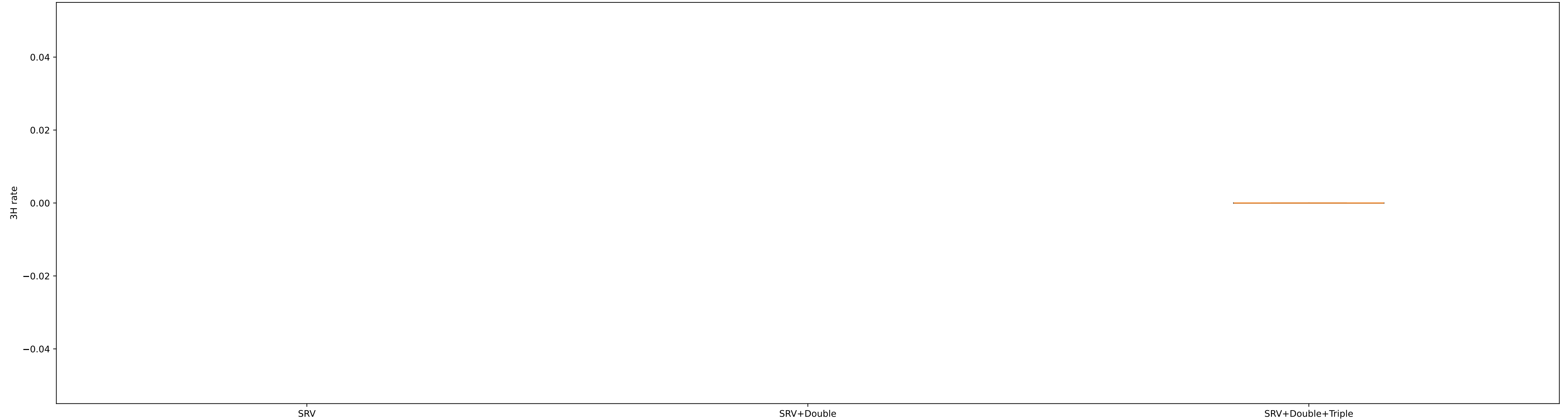


2H rates (reference) by run type





3H rates (reference) by run type



3H rates (test) by run type



	replicate	p_value	K_alt	global_dNdS_reference	global_dNdS_test	
	1	0.1482	0.0	0.2523	35.528	
	2	0.1483	0.0	0.2523	35.5275	
	3	0.1483	0.0	0.2523	35.5276	
	4	0.148	0.0	0.2523	35.5279	
	5	0.1482	0.0	0.2523	35.5279	
	6	0.1484	0.0	0.2523	35.5277	
	7	0.1482	0.0	0.2523	35.5277	
	8	0.1481	0.0	0.2523	35.528	
	9	0.1481	0.0	0.2523	35.5278	
	10	0.1481	0.0	0.2523	35.5278	

	replicate	p_value	K_alt	global_dNdS_reference	global_dNdS_test	
	1	0.1481	0.0	0.2523	35.5275	
	2	0.1482	0.0	0.2523	35.5281	
	3	0.1484	0.0	0.2523	35.528	
	4	0.1482	0.0	0.2523	35.5274	
	5	0.1487	0.0	0.2523	35.528	
	6	0.1481	0.0	0.2523	35.5277	
	7	0.1481	0.0	0.2523	35.5278	
	8	0.1488	0.0	0.2523	35.528	
	9	0.1484	0.0	0.2523	35.5276	
	10	0.1482	0.0	0.2523	35.5277	

	replicate	p_value	K_alt	global_dNdS_reference	global_dNdS_test	
	1	0.1483	0.0	0.2523	35.5276	
	2	0.1481	0.0	0.2523	35.5275	
	3	0.1481	0.0	0.2523	35.5282	
	4	0.1483	0.0	0.2523	35.5275	
	5	0.1481	0.0	0.2523	35.5278	
	6	0.1483	0.0	0.2523	35.5276	
	7	0.1482	0.0	0.2523	35.5279	
	8	0.1482	0.0	0.2523	35.5274	
	9	0.1481	0.0	0.2523	35.5279	
	10	0.1483	0.0	0.2523	35.5279	

	test	Negative s election	0.261	100.0	SRV+Double	
	test	Neutral ev olution	1.0	100.0	SRV+Double	
	test	Neutral ev olution	1.0	0.0	SRV+Double	
	test	Neutral ev olution	1.0	0.0	SRV+Double	
	reference	Diversifyi ng selecti on	Ω-class distributions (all) (cols 1-7/7)	0.0	SRV+Double	
	reference	Negative s election		0.0	SRV+Double	
	reference	Negative s election		100.0	SRV+Double	
	test	Diversifyi ng selecti on		0.0	SRV+Double	
	test	Negative s election		0.0	SRV+Double	
	test	Negative s election		100.0	SRV+Double	
	reference	Diversifyi ng selecti on		0.0	SRV+Double	
	reference	Negative s election	0.217	32.883	SRV+Double	
	reference	Negative s election	0.284	67.117	SRV+Double	
	test	Diversifyi ng selecti on	5.991	0.0	SRV+Double	
	test	Negative s election	0.217	32.883	SRV+Double	
	test	Negative s election	0.284	67.117	SRV+Double	
	test	Neutral ev olution	1.0	67.117	SRV+Double	
	test	Neutral ev olution	1.0	32.883	SRV+Double	
	test	Neutral ev olution	1.0	0.0	SRV+Double	
	reference	Diversifyi ng selecti on	1.213	0.0	SRV+Double	
	reference	Negative s election	0.287	14.377	SRV+Double	
	reference	Negative s election	0.292	85.623	SRV+Double	
	test	Diversifyi ng selecti on	1.213	0.0	SRV+Double	
	test	Negative s election	0.287	14.377	SRV+Double	
	test	Negative s election	0.292	85.623	SRV+Double	
	reference	Diversifyi ng selecti on	7.011	0.0	SRV+Double	
	reference	Negative s election	0.01	0.0	SRV+Double	
	reference	Negative s election	0.261	100.0	SRV+Double	
	test	Diversifyi ng selecti on	7.011	0.0	SRV+Double	
	test	Negative s election	0.01	0.0	SRV+Double	
	test	Negative s election	0.261	100.0	SRV+Double	
	test	Neutral ev olution	1.0	100.0	SRV+Double	
	test	Neutral ev olution	1.0	0.0	SRV+Double	
	test	Neutral ev olution	1.0	0.0	SRV+Double	
	reference	Diversifyi ng selecti on	1.365	0.0	SRV+Double	
	reference	Negative s election	0.007	0.0	SRV+Double	
	reference	Negative s election	0.291	100.0	SRV+Double	
	test	Diversifyi ng selecti on	1.365	0.0	SRV+Double	
	test	Negative s election	0.007	0.0	SRV+Double	
	test	Negative s election	0.291	100.0	SRV+Double	
	reference	Diversifyi ng selecti on	7.15	0.0	SRV+Double	
	reference	Negative s election	0.031	0.0	SRV+Double	
	reference	Negative s election	0.261	100.0	SRV+Double	
	test	Diversifyi ng selecti on	7.15	0.0	SRV+Double	
	test	Negative s election	0.031	0.0	SRV+Double	
	test	Negative s election	0.261	100.0	SRV+Double	
	test	Neutral ev olution	1.0	100.0	SRV+Double	
	test	Neutral ev olution	1.0	0.0	SRV+Double	
	test	Neutral ev olution	1.0	0.0	SRV+Double	
	reference	Diversifyi ng selecti on	1.341	0.0	SRV+Double	

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

	class_id	syn_rate	proportion_per cent	run_type	
	1	0.012	57.517	SRV	
	2	0.26	32.495	SRV	
	3	9.094	9.988	SRV	
	1	0.044	58.896	SRV	
	2	0.193	30.956	SRV	
	3	9.011	10.148	SRV	
	1	0.036	59.162	SRV	
	2	0.212	30.722	SRV	
	3	9.031	10.117	SRV	
	1	0.0	56.677	SRV	
	2	0.275	33.315	SRV	
	3	9.078	10.008	SRV	
	1	0.011	57.651	SRV	
	2	0.264	32.358	SRV	
	3	9.091	9.991	SRV	
	1	0.028	59.621	SRV	
	2	0.212	30.102	SRV	
	3	8.945	10.278	SRV	
	1	0.049	59.437	SRV	
	2	0.181	30.421	SRV	
	3	9.026	10.142	SRV	
	1	0.055	60.627	SRV	
	2	0.184	29.265	SRV	
	3	9.033	10.108	SRV	
	1	0.049	58.286	SRV	
	2	0.184	31.608	SRV	
	3	9.033	10.106	SRV	
	1	0.051	59.283	SRV	
	2	0.184	30.62	SRV	
	3	9.045	10.097	SRV	

