

RELAX Combined Report

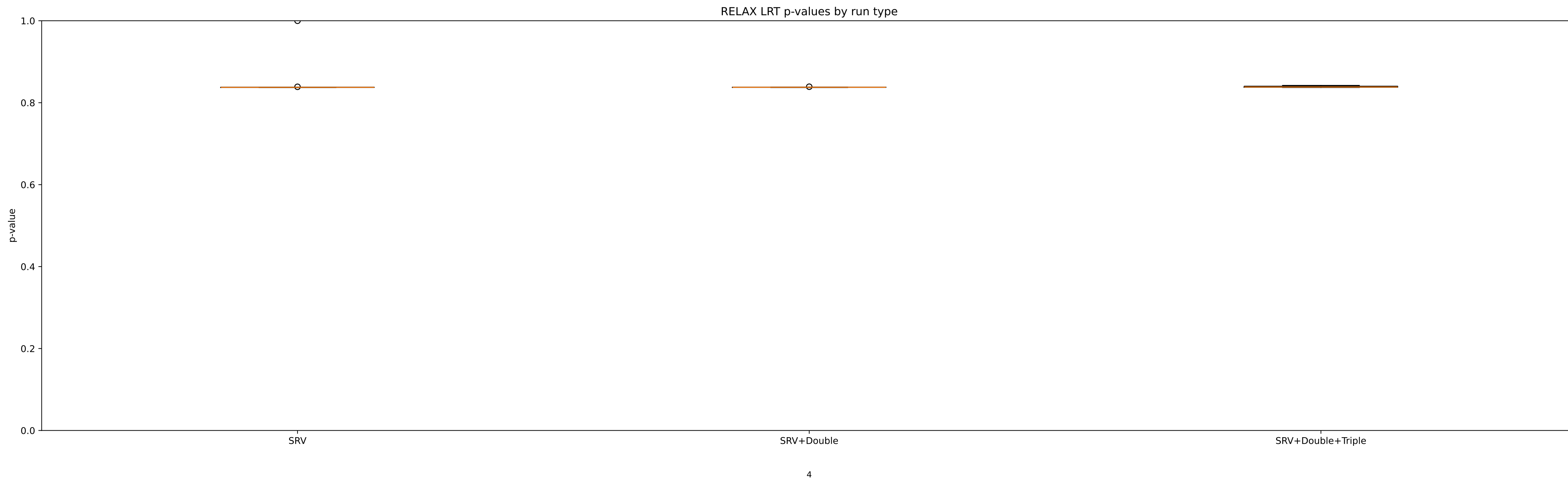
SRV vs SRV+Double vs SRV+Double+Triple

Includes:

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

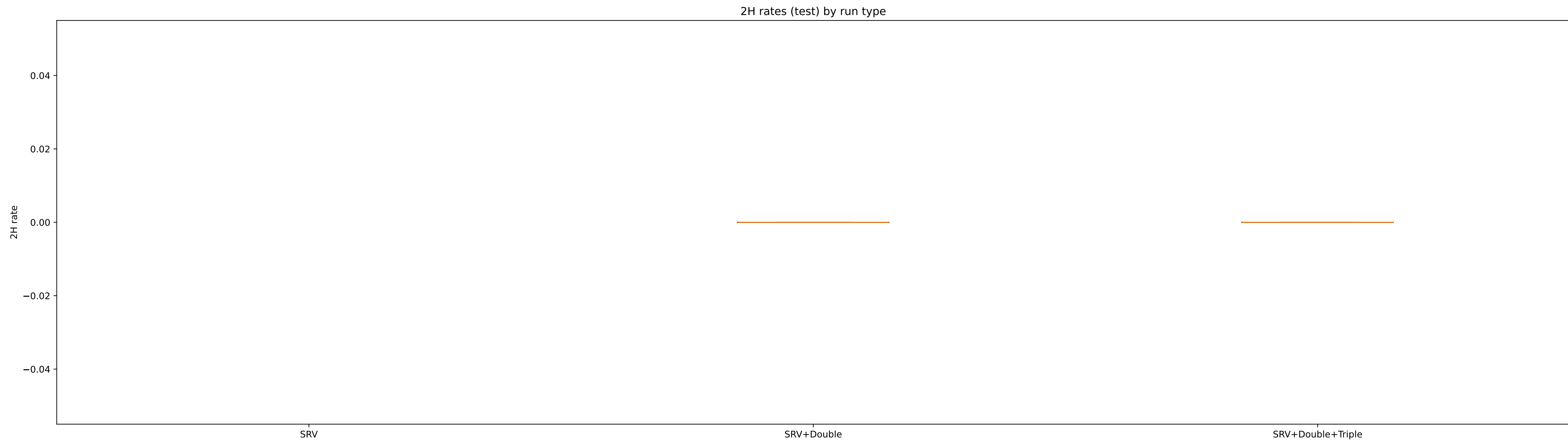
Run-type summary statistics

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
0.8374	0.8371	1.0	1.19	1.13	1.19	0.2718	0.2086	10	nan	nan
0.8376	0.8372	0.839	1.19	1.19	1.19	0.2718	0.2086	10	0.0	0.0
0.8383	0.8372	0.8421	1.19	1.18	1.19	0.2718	0.2086	10	0.0	0.0

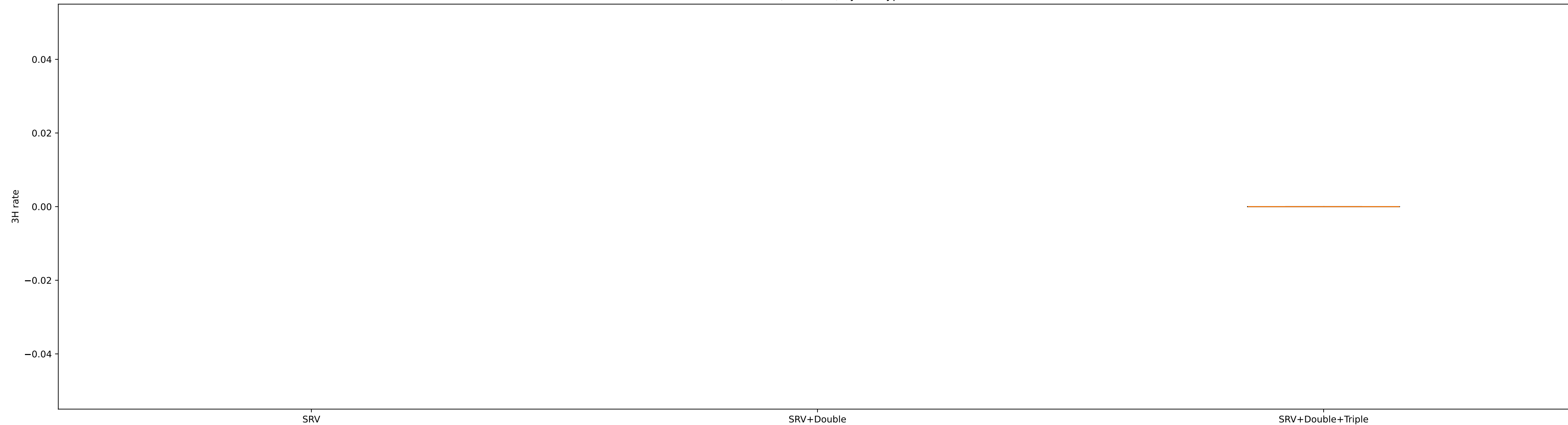


2H rates (reference) by run type

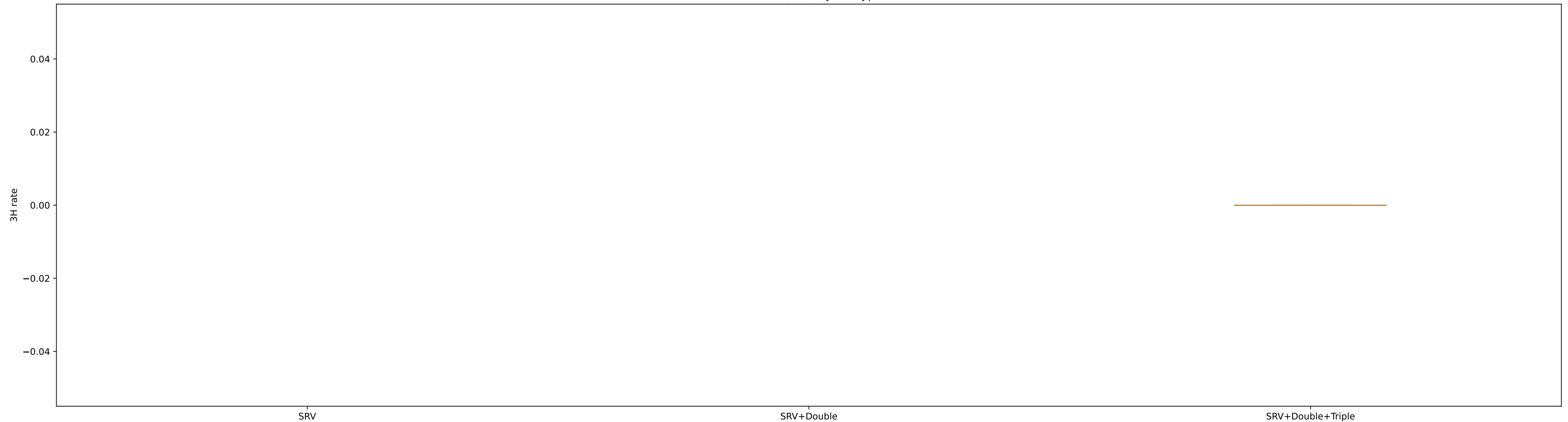




3H rates (reference) by run type



3H rates (test) by run type



	replicate	p_value	K_alt	global_dNdS_reference	global_dNdS_test	
	1	1.0	1.13	0.2718	0.2086	
	2	0.8377	1.19	0.2718	0.2086	
	3	0.8375	1.19	0.2718	0.2086	
	4	0.8373	1.19	0.2718	0.2086	
	5	0.8372	1.19	0.2718	0.2086	
	6	0.8373	1.19	0.2718	0.2086	
	7	0.8377	1.19	0.2718	0.2086	
	8	0.8374	1.19	0.2718	0.2086	
	9	0.8371	1.19	0.2718	0.2086	
	10	0.8388	1.19	0.2718	0.2086	

	replicate	p_value	K_alt	global_dNdS_reference	global_dNdS_test	
	1	0.8381	1.19	0.2715	0.2086	
	2	0.8375	1.19	0.2718	0.2086	
	3	0.8374	1.19	0.2718	0.2086	
	4	0.8377	1.19	0.2718	0.2086	
	5	0.838	1.19	0.2718	0.2086	
	6	0.839	1.19	0.2718	0.2086	
	7	0.838	1.19	0.2718	0.2086	
	8	0.8372	1.19	0.2718	0.2086	
	9	0.8376	1.19	0.2718	0.2086	
	10	0.8373	1.19	0.272	0.2089	

	replicate	p_value	K_alt	global_dNdS_reference	global_dNdS_test	
	1	0.8372	1.19	0.2718	0.2086	
	2	0.8375	1.19	0.2718	0.2086	
	3	0.8386	1.19	0.2718	0.2086	
	4	0.8421	1.18	0.2718	0.2086	
	5	0.8407	1.19	0.2718	0.2086	
	6	0.838	1.19	0.2718	0.2086	
	7	0.8393	1.19	0.2718	0.2086	
	8	0.8377	1.19	0.2718	0.2086	
	9	0.8377	1.19	0.2715	0.2086	
	10	0.8404	1.19	0.2718	0.2086	

	test	Negative s election	0.0	0.0	SRV+Double	
	test	Negative s election	0.208	100.0	SRV+Double	
	test	Negative s election	0.001	0.0	SRV+Double	
	test	Negative s election	0.268	100.0	SRV+Double	
	reference	Diversifyi ng selecti on	Ω-class distributions (all) (cols 1-7/7)	0.0	SRV+Double	
	reference	Negative s election		0.003	0.0	SRV+Double
	reference	Negative s election		0.266	100.0	SRV+Double
	test	Diversifyi ng selecti on		2.075	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		7.076	0.0	SRV+Double
	reference	Negative s election		0.004	0.0	SRV+Double
	reference	Negative s election		0.268	100.0	SRV+Double
	test	Diversifyi ng selecti on		10.257	0.0	SRV+Double
	test	Diversifyi ng selecti on	7.076	0.0	SRV+Double	
	test	Negative s election	0.001	0.0	SRV+Double	
	test	Negative s election	0.209	100.0	SRV+Double	
	test	Negative s election	0.004	0.0	SRV+Double	
	test	Negative s election	0.268	100.0	SRV+Double	
	reference	Diversifyi ng selecti on	1.916	0.0	SRV+Double	
	reference	Negative s election	0.002	0.0	SRV+Double	
	reference	Negative s election	0.266	100.0	SRV+Double	
	test	Diversifyi ng selecti on	1.916	0.0	SRV+Double	
	test	Negative s election	0.002	0.0	SRV+Double	
	test	Negative s election	0.266	100.0	SRV+Double	
	reference	Diversifyi ng selecti on	6.741	0.0	SRV+Double	
	reference	Negative s election	0.226	0.519	SRV+Double	
	reference	Negative s election	0.269	99.481	SRV+Double	
	test	Diversifyi ng selecti on	9.764	0.0	SRV+Double	
	test	Diversifyi ng selecti on	6.741	0.0	SRV+Double	
	test	Negative s election	0.169	0.519	SRV+Double	
	test	Negative s election	0.208	99.481	SRV+Double	
	test	Negative s election	0.226	0.519	SRV+Double	
	test	Negative s election	0.269	99.481	SRV+Double	
	reference	Diversifyi ng selecti on	1.849	0.0	SRV+Double	
	reference	Negative s election	0.245	3.499	SRV+Double	
	reference	Negative s election	0.267	96.501	SRV+Double	
	test	Diversifyi ng selecti on	1.849	0.0	SRV+Double	
	test	Negative s election	0.245	3.499	SRV+Double	
	test	Negative s election	0.267	96.501	SRV+Double	
	reference	Diversifyi ng selecti on	4.976	0.0	SRV+Double	
	reference	Negative s election	0.002	0.0	SRV+Double	
	reference	Negative s election	0.268	100.0	SRV+Double	
	test	Diversifyi ng selecti on	6.782	0.0	SRV+Double	
	test	Diversifyi ng selecti on	4.976	0.0	SRV+Double	
	test	Negative s election	0.001	0.0	SRV+Double	
	test	Negative s election	0.208	100.0	SRV+Double	
	test	Negative s election	0.002	0.0	SRV+Double	
	test	Negative s election	12 0.268	100.0	SRV+Double	
	reference	Diversifyi ng selecti on	1.508	0.0	SRV+Double	

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

	class_id	syn_rate	proportion_per cent	run_type	
	1	0.0	54.35	SRV	
	2	0.0	0.759	SRV	
	3	2.228	44.891	SRV	
	1	0.0	55.123	SRV	
	2	0.0	0.0	SRV	
	3	2.228	44.877	SRV	
	1	0.0	1.713	SRV	
	2	0.0	53.409	SRV	
	3	2.228	44.879	SRV	
	1	0.0	7.583	SRV	
	2	0.0	47.536	SRV	
	3	2.228	44.881	SRV	
	1	0.0	24.472	SRV	
	2	0.0	30.631	SRV	
	3	2.227	44.897	SRV	
	1	0.0	55.112	SRV	
	2	0.004	0.0	SRV	
	3	2.228	44.888	SRV	
	1	0.0	55.121	SRV	
	2	0.001	0.0	SRV	
	3	2.228	44.879	SRV	
	1	0.0	27.007	SRV	
	2	0.0	28.113	SRV	
	3	2.228	44.88	SRV	
	1	0.0	26.625	SRV	
	2	0.0	28.494	SRV	
	3	2.228	44.881	SRV	
	1	0.0	55.119	SRV	
	2	2.228	44.263	SRV	
	3	2.228	0.619	SRV	

[illegible]