RELAX Combined Report
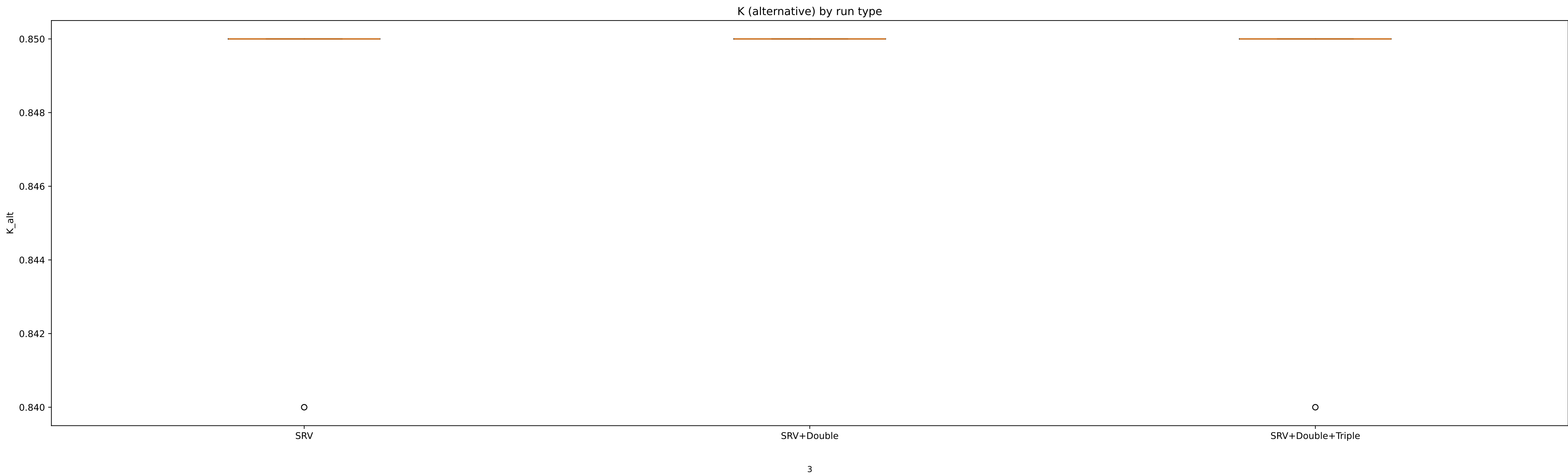
SRV vs SRV+Double vs SRV+Double+Triple
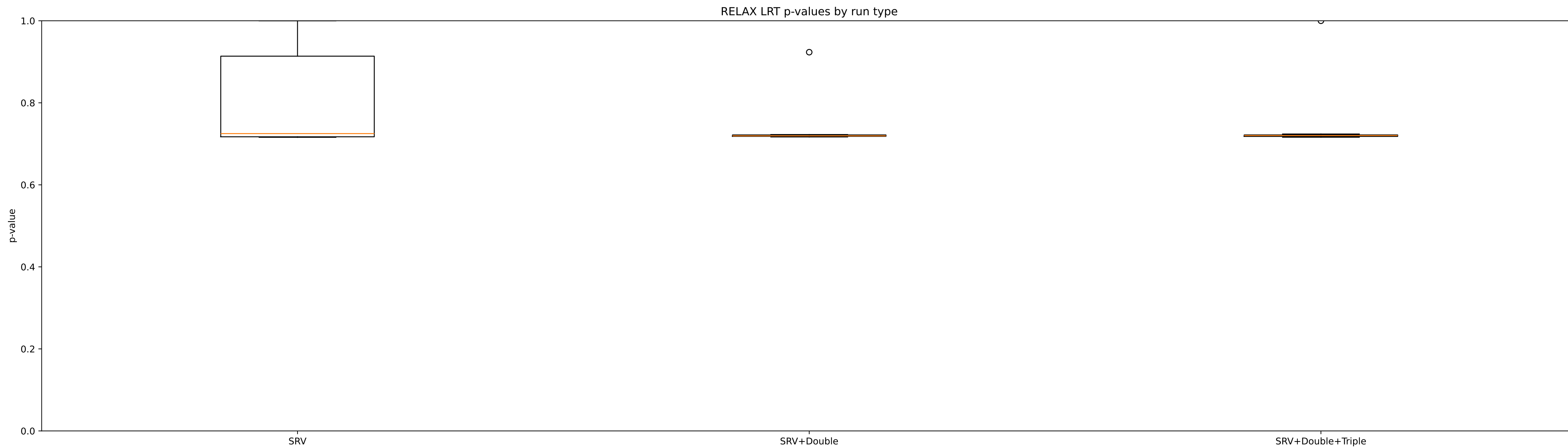
Includes:

- 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
0.725	0.7159	1.0	0.85	0.84	0.85	0.2728	0.3208	10	nan	nan
0.7194	0.7168	0.9234	0.85	0.85	0.85	0.2728	0.3208	10	0.0	0.0
0.7202	0.7161	1.0	0.85	0.84	0.85	0.2728	0.3208	10	0.0	0.0

K (alternative) by run type

3

RELAX LRT p-values by run type

2H rates (reference) by run type

5

2H rates (test) by run type
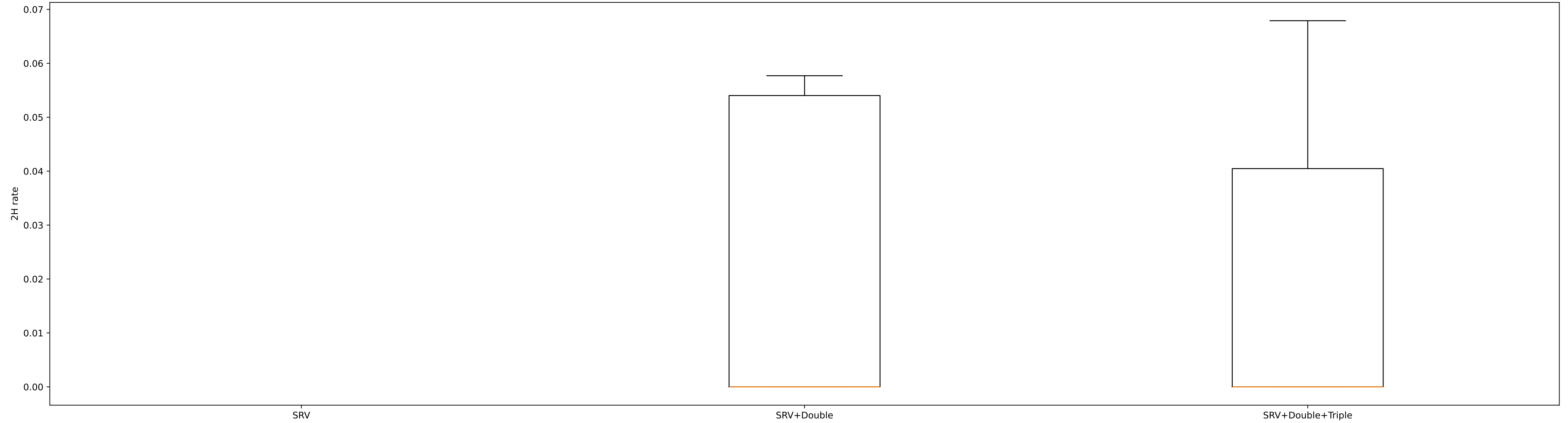
3H rates (reference) by run type
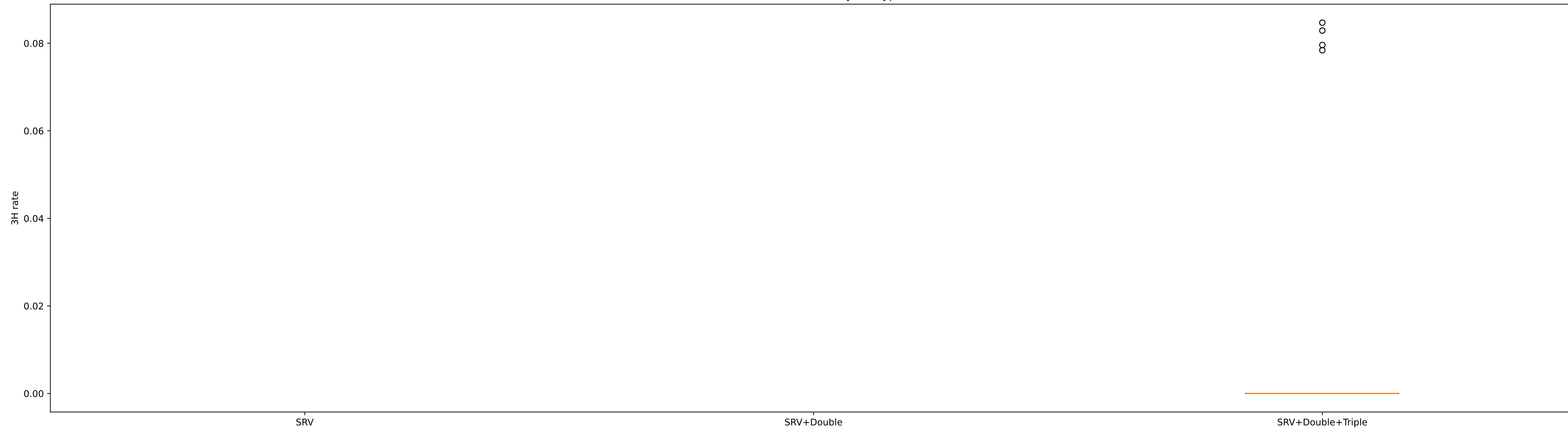
3H rates (test) by run type
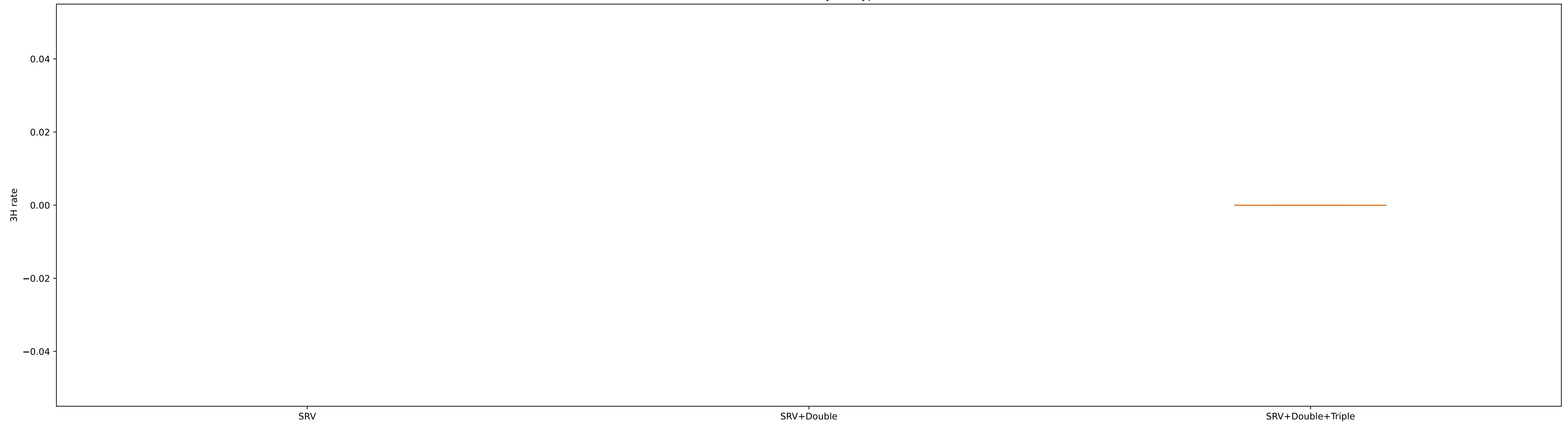
replicate	global_dNdS_test	p_value	K_alt	global_dNdS_reference	global_dNdS_test	
1		0.7159	0.85	0.2728	0.3208	
2		0.7169	0.85	0.2728	0.3208	
3		0.7178	0.85	0.2728	0.3208	
4		0.7242	0.85	0.2728	0.3208	
5		0.9218	0.84	0.2728	0.3208	
6		0.7257	0.85	0.2728	0.3208	
7		1.0	0.85	0.2728	0.3208	
8		1.0	0.85	0.2728	0.3208	
9		0.7165	0.85	0.2728	0.3208	
10		0.8895	0.85	0.2728	0.3208	

	replicate	p_value	K_alt	global_dNdS_reference	global_dNdS_test	
	1	0.7205	0.85	0.2728	0.3208	
	2	0.7172	0.85	0.2728	0.3208	
	3	0.7184	0.85	0.2728	0.3208	
	4	0.7182	0.85	0.2728	0.3208	
	5	0.7168	0.85	0.2728	0.3208	
	6	0.7196	0.85	0.2728	0.3208	
	7	0.7193	0.85	0.2728	0.3208	
	8	0.722	0.85	0.2728	0.3208	
	9	0.7226	0.85	0.2728	0.3208	
	10	0.9234	0.85	0.2728	0.3208	

	replicate	p_value	K_alt	global_dNdS_reference	global_dNdS_test	
	1	0.7165	0.85	0.2728	0.3208	
	2	0.7202	0.85	0.2728	0.3208	
	3	0.7239	0.85	0.2728	0.3208	
	4	1.0	0.85	0.2728	0.3208	
	5	0.7176	0.85	0.2728	0.3208	
	6	0.7208	0.85	0.2728	0.3208	
	7	0.722	0.85	0.2728	0.3208	
	8	0.7202	0.85	0.2728	0.3208	
	9	0.7161	0.85	0.2728	0.3208	
	10	0.7192	0.84	0.2728	0.3208	

test	Negative selection	0.304	97.228	SRV+Double
test	Negative selection	0.351	2.261	SRV+Double
test	Negative selection	0.245	97.228	SRV+Double
test	Negative selection	0.291	2.261	SRV+Double
reference	Diversifying selection	5.915	0.506	SRV+Double
reference	Negative selection	0.247	97.293	SRV+Double
reference	Negative selection	0.266	2.202	SRV+Double
test	Diversifying selection	5.802	0.506	SRV+Double
test	Negative selection	0.247	97.293	SRV+Double
test	Negative selection	0.266	2.202	SRV+Double
reference	Diversifying selection	6.268	0.449	SRV+Double
reference	Negative selection	0.226	4.584	SRV+Double
reference	Negative selection	0.249	94.966	SRV+Double
test	Diversifying selection	4.735	0.449	SRV+Double
test	Diversifying selection	6.268	0.449	SRV+Double
test	Negative selection	0.283	4.584	SRV+Double
test	Negative selection	0.307	94.966	SRV+Double
test	Negative selection	0.226	4.584	SRV+Double
test	Negative selection	0.249	94.966	SRV+Double
reference	Diversifying selection	6.258	0.452	SRV+Double
reference	Negative selection	0.229	4.719	SRV+Double
reference	Negative selection	0.25	94.829	SRV+Double
test	Diversifying selection	6.258	0.452	SRV+Double
test	Negative selection	0.229	4.719	SRV+Double
test	Negative selection	0.25	94.829	SRV+Double
reference	Diversifying selection	6.295	0.45	SRV+Double
reference	Negative selection	0.217	4.025	SRV+Double
reference	Negative selection	0.249	95.526	SRV+Double
test	Diversifying selection	4.754	0.45	SRV+Double
test	Diversifying selection	6.295	0.45	SRV+Double
test	Negative selection	0.274	4.025	SRV+Double
test	Negative selection	0.308	95.526	SRV+Double
test	Negative selection	0.217	4.025	SRV+Double
test	Negative selection	0.249	95.526	SRV+Double
reference	Diversifying selection	6.271	0.45	SRV+Double
reference	Negative selection	0.219	4.187	SRV+Double
reference	Negative selection	0.25	95.363	SRV+Double
test	Diversifying selection	6.271	0.45	SRV+Double
test	Negative selection	0.219	4.187	SRV+Double
test	Negative selection	0.25	95.363	SRV+Double
reference	Diversifying selection	6.368	0.441	SRV+Double
reference	Negative selection	0.24	7.364	SRV+Double
reference	Negative selection	0.249	92.195	SRV+Double
test	Diversifying selection	4.794	0.441	SRV+Double
test	Diversifying selection	6.368	0.441	SRV+Double
test	Negative selection	0.299	7.364	SRV+Double
test	Negative selection	0.308	92.195	SRV+Double
test	Negative selection	0.24	7.364	SRV+Double
test	Negative selection	0.249	92.195	SRV+Double
reference	Diversifying selection	6.325	0.445	SRV+Double

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

	class_id	syn_rate	proportion_per cent	run_type	
	1	0.0	9.99	SRV	
	2	0.886	81.161	SRV	
	3	3.178	8.849	SRV	
	1	0.0	9.938	SRV	
	2	0.884	81.172	SRV	
	3	3.174	8.89	SRV	
	1	0.0	9.875	SRV	
	2	0.882	81.14	SRV	
	3	3.161	8.985	SRV	
	1	0.0	9.959	SRV	
	2	0.884	81.113	SRV	
	3	3.167	8.927	SRV	
	1	0.0	9.454	SRV	
	2	0.871	81.068	SRV	
	3	3.103	9.478	SRV	
	1	0.281	24.763	SRV	
	2	0.992	66.739	SRV	
	3	3.156	8.497	SRV	
	1	0.0	9.68	SRV	
	2	0.878	81.191	SRV	
	3	3.145	9.129	SRV	
	1	0.0	9.921	SRV	
	2	0.883	81.118	SRV	
	3	3.163	8.961	SRV	
	1	0.0	9.974	SRV	
	2	0.885	81.174	SRV	
	3	3.179	8.852	SRV	
	1	0.0	9.904	SRV	
	2	0.883	81.113	SRV	
	3	3.16	8.983	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	0.057	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	0.0462	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	0.0679	SRV+Double+Triple	
	reference	2H	0.0	SRV+Double+Triple	
	reference	3H	0.0847	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	0.0409	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	0.0674	SRV+Double+Triple	
	reference	2H	0.0	SRV+Double+Triple	
	reference	3H	0.0784	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	