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
0.3329	0.3327	0.6858	0.71	0.67	0.71	0.2208	0.3272	10	nan	nan
0.3329	0.3327	0.6845	0.71	0.66	0.71	0.2208	0.3272	10	0.0	0.0
0.3328	0.3286	0.6853	0.7	0.6	0.71	0.2208	0.3272	10	0.0	0.0

K (alternative) by run type

RELAX LRT p-values by run type
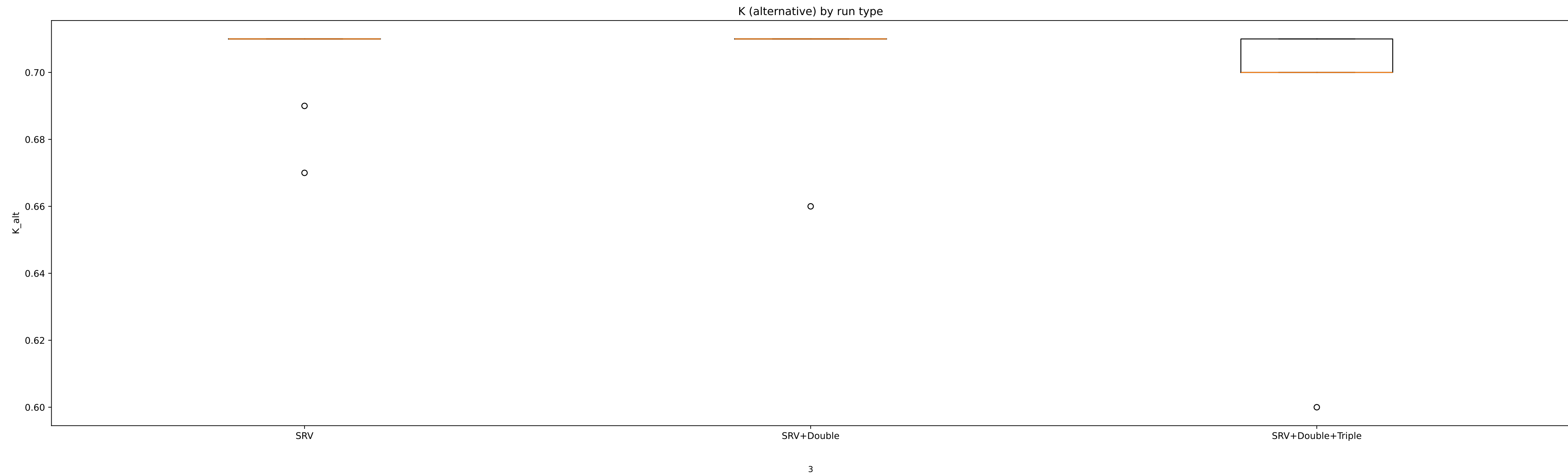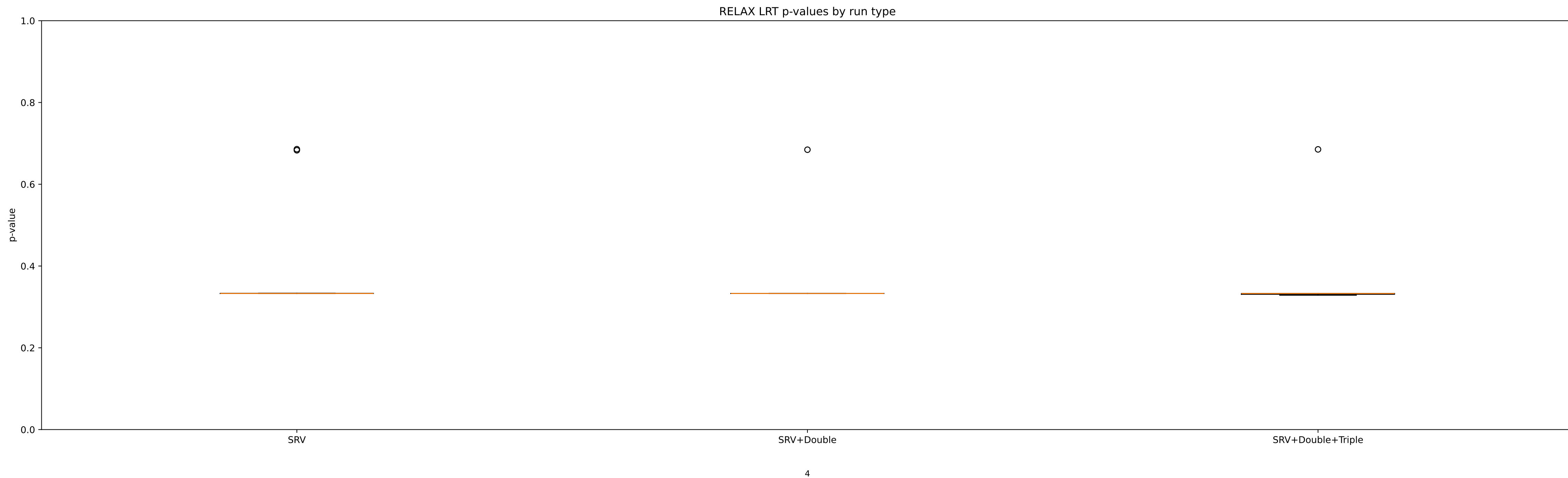
2H rates (reference) by run type

2H rates (test) by run type
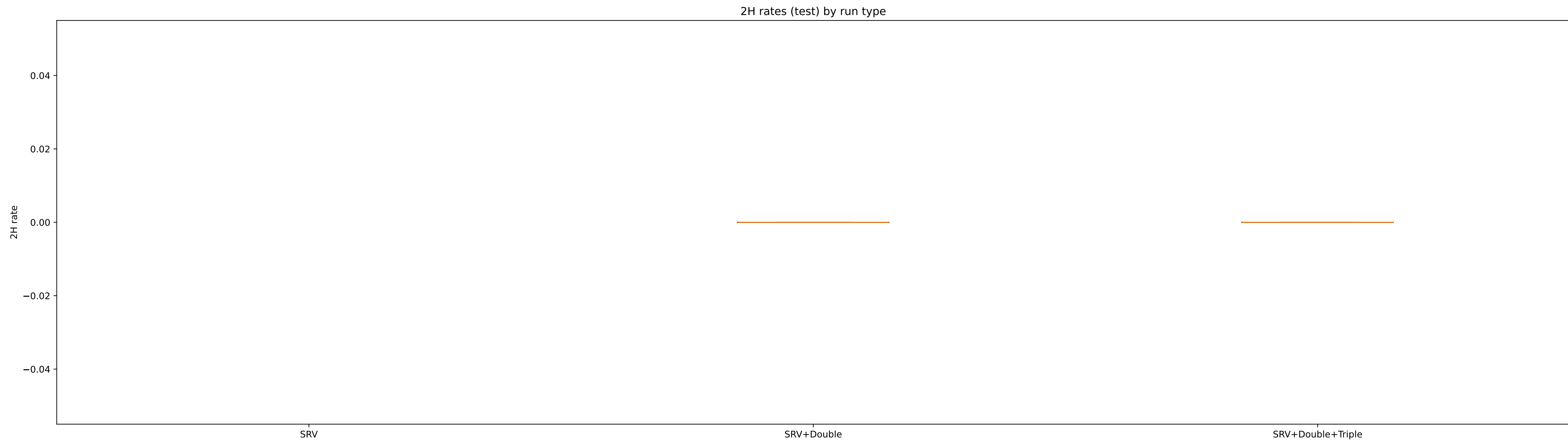
3H rates (reference) by run type

3H rates (test) by run type
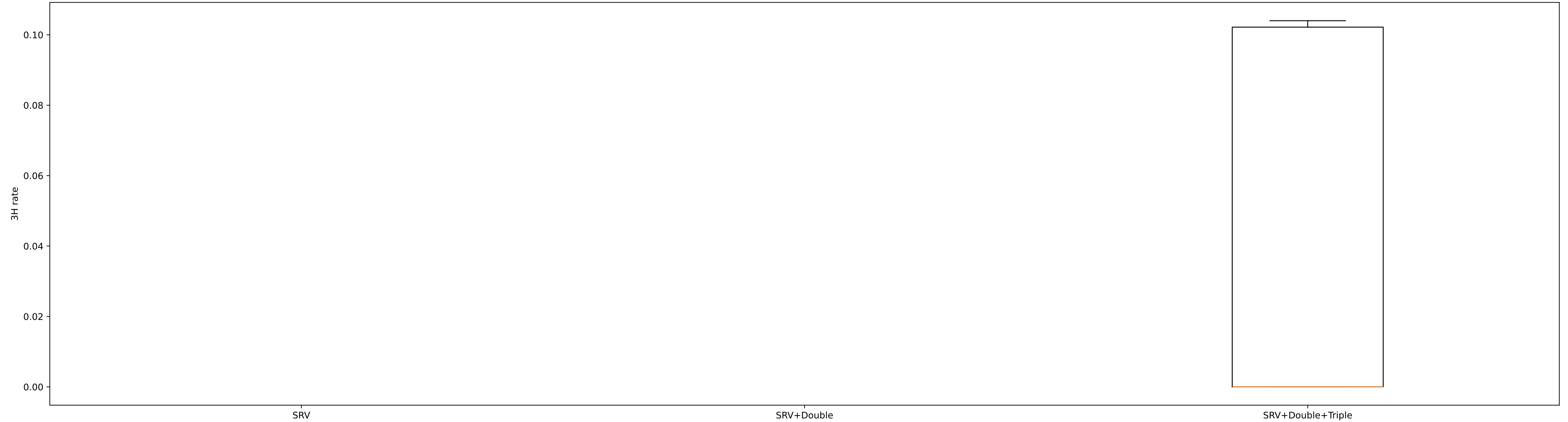
SRV · SRV+Double · SRV+Double+Triple
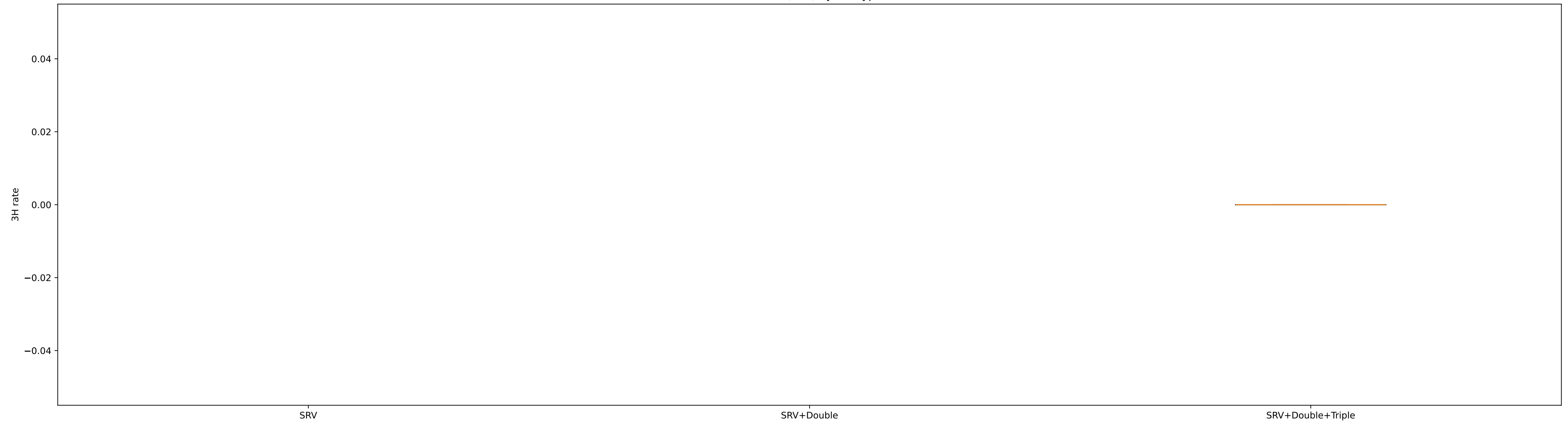
	replicate	p_value	K_alt	global_dNdS_reference	global_dNdS_test	
	1	0.3329	0.71	0.2208	0.3272	
	2	0.3329	0.71	0.2208	0.3272	
	3	0.6858	0.69	0.2208	0.3272	
	4	0.3329	0.71	0.2208	0.3272	
	5	0.3327	0.71	0.2208	0.3272	
	6	0.333	0.71	0.2208	0.3272	
	7	0.3327	0.71	0.2208	0.3272	
	8	0.3334	0.71	0.2208	0.3272	
	9	0.6831	0.67	0.2208	0.3272	
	10	0.3328	0.71	0.2208	0.3272	

replicate	global_dNdS_test	p_value	K_alt	global_dNdS_reference	global_dNdS_test	
1		0.3329	0.71	0.2208	0.3272	
2		0.3329	0.71	0.2208	0.3272	
3		0.3329	0.71	0.2208	0.3272	
4		0.333	0.71	0.2208	0.3272	
5		0.3332	0.71	0.2208	0.3272	
6		0.3329	0.71	0.2208	0.3272	
7		0.3329	0.71	0.2208	0.3272	
8		0.3331	0.71	0.2208	0.3272	
9		0.3327	0.71	0.2208	0.3272	
10		0.6845	0.66	0.2208	0.3272	

replicate	global_dNdS_test	p_value	K_alt	global_dNdS_reference	global_dNdS_test	
1		0.333	0.71	0.2208	0.3272	
2		0.3286	0.7	0.2208	0.3272	
3		0.3308	0.7	0.2208	0.3272	
4		0.3328	0.71	0.2208	0.3272	
5		0.333	0.71	0.2208	0.3272	
6		0.6853	0.6	0.2208	0.3272	
7		0.331	0.7	0.2208	0.3272	
8		0.3302	0.7	0.2208	0.3272	
9		0.3331	0.7	0.2208	0.3272	
10		0.3329	0.71	0.2208	0.3272	

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

test	Negative selection	0.32	98.968	SRV+Double	
test	Negative selection	0.327	0.795	SRV+Double	
test	Negative selection	0.201	98.968	SRV+Double	
test	Negative selection	0.207	0.795	SRV+Double	
reference	Diversifying selection		0.242	SRV+Double	
reference	Negative selection	0.205	98.74	SRV+Double	
reference	Negative selection	0.218	1.019	SRV+Double	
test	Diversifying selection	12.292	0.242	SRV+Double	
test	Negative selection	0.205	98.74	SRV+Double	
test	Negative selection	0.218	1.019	SRV+Double	
reference	Diversifying selection	12.722	0.237	SRV+Double	
reference	Negative selection	0.201	98.328	SRV+Double	
reference	Negative selection	0.207	1.435	SRV+Double	
test	Diversifying selection	6.075	0.237	SRV+Double	
test	Diversifying selection	12.722	0.237	SRV+Double	
test	Negative selection	0.32	98.328	SRV+Double	
test	Negative selection	0.327	1.435	SRV+Double	
test	Negative selection	0.201	98.328	SRV+Double	
test	Negative selection	0.207	1.435	SRV+Double	
reference	Diversifying selection	12.367	0.24	SRV+Double	
reference	Negative selection	0.206	97.99	SRV+Double	
reference	Negative selection	0.215	1.769	SRV+Double	
test	Diversifying selection	12.367	0.24	SRV+Double	
test	Negative selection	0.206	97.99	SRV+Double	
test	Negative selection	0.215	1.769	SRV+Double	
reference	Diversifying selection	12.554	0.239	SRV+Double	
reference	Negative selection	0.201	98.585	SRV+Double	
reference	Negative selection	0.203	1.176	SRV+Double	
test	Diversifying selection	6.009	0.239	SRV+Double	
test	Diversifying selection	12.554	0.239	SRV+Double	
test	Negative selection	0.321	98.585	SRV+Double	
test	Negative selection	0.323	1.176	SRV+Double	
test	Negative selection	0.201	98.585	SRV+Double	
test	Negative selection	0.203	1.176	SRV+Double	
reference	Diversifying selection	12.272	0.243	SRV+Double	
reference	Negative selection	0.205	98.576	SRV+Double	
reference	Negative selection	0.206	1.181	SRV+Double	
test	Diversifying selection	12.272	0.243	SRV+Double	
test	Negative selection	0.205	98.576	SRV+Double	
test	Negative selection	0.206	1.181	SRV+Double	
reference	Diversifying selection	12.669	0.236	SRV+Double	
reference	Negative selection	0.2	0.97	SRV+Double	
reference	Negative selection	0.201	98.794	SRV+Double	
test	Diversifying selection	6.038	0.236	SRV+Double	
test	Diversifying selection	12.669	0.236	SRV+Double	
test	Negative selection	0.32	0.97	SRV+Double	
test	Negative selection	0.321	98.794	SRV+Double	
test	Negative selection	0.2	0.97	SRV+Double	
test	Negative selection	0.201	98.794	SRV+Double	
reference	Diversifying selection	12.396	0.24	SRV+Double	

class_id	syn_rate	proportion_percent	run_type
1	0.888	91.407	SRV
2	0.892	6.818	SRV
3	7.175	1.774	SRV
1	0.888	98.218	SRV
2	1.198	0.0	SRV
3	7.157	1.782	SRV
1	0.884	20.538	SRV
2	0.887	77.606	SRV
3	7.022	1.855	SRV
1	0.887	15.798	SRV
2	0.888	82.414	SRV
3	7.151	1.787	SRV
1	0.888	98.225	SRV
2	4.573	0.0	SRV
3	7.174	1.775	SRV
1	0.888	98.222	SRV
2	1.025	0.0	SRV
3	7.169	1.778	SRV
1	0.887	65.849	SRV
2	0.89	32.369	SRV
3	7.162	1.783	SRV
1	0.888	98.217	SRV
2	1.159	0.0	SRV
3	7.156	1.783	SRV
1	0.882	9.189	SRV
2	0.887	88.957	SRV
3	7.011	1.854	SRV
1	0.888	59.454	SRV
2	0.89	38.769	SRV
3	7.169	1.777	SRV

reference	2H	0.0	SRV+Double+Triple		
reference	3H	0.1032	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	0.1022	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	0.1021	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	0.1031	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	0.1031	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	0.1031	SRV+Double+Triple		
reference	3H	0.0	SRV+Double+Triple		
test	2H	0.0	SRV+Double+Triple		
test	3H	0.0	SRV+Double+Triple		