RELAX Combined Report

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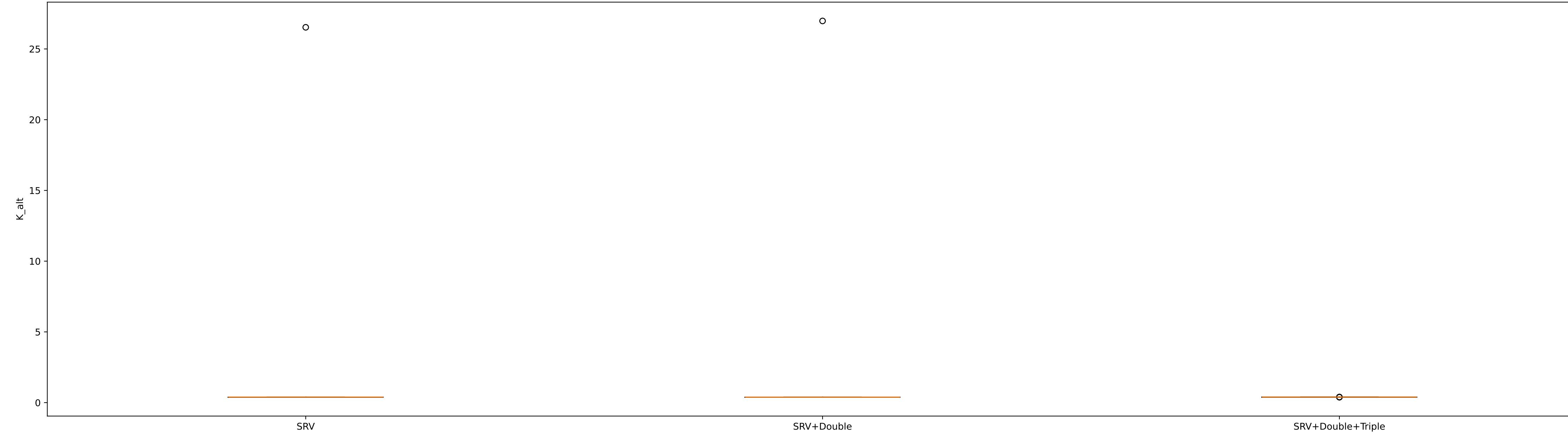
Includes:

- Run-type summary

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

- Full omega/SRV/multihit tables (column-paged)
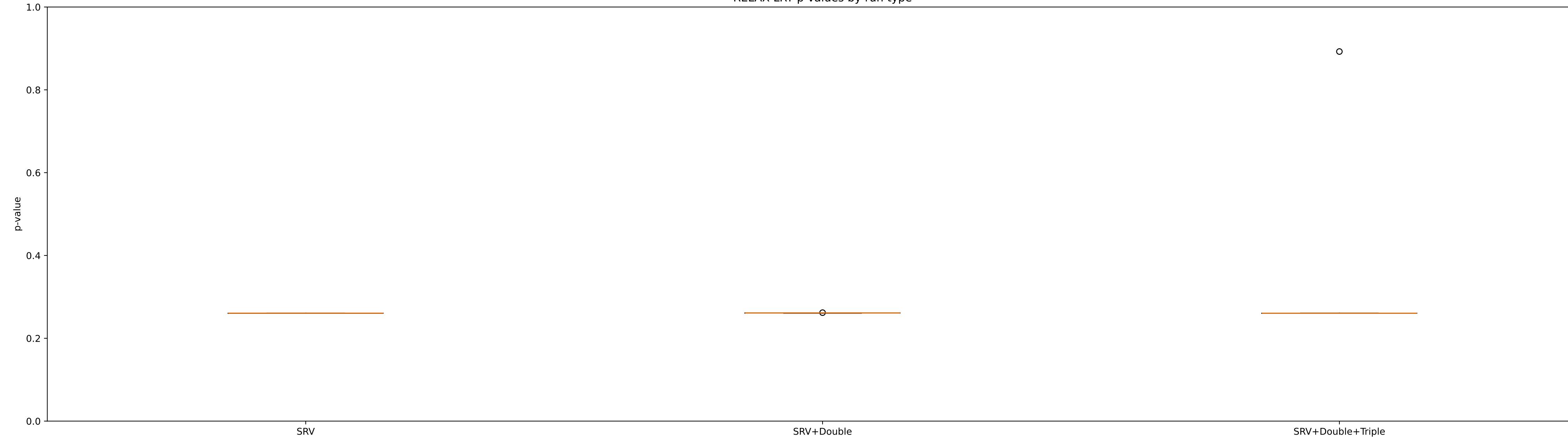
Run-type summary statistics

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
0.2607	0.2606	0.2607	0.39	0.38	26.53	0.226	0.5535	10	nan	nan
0.2612	0.2606	0.2619	0.385	0.38	26.98	0.226	0.5535	10	0.0	0.0
0.2606	0.2606	0.8925	0.39	0.38	0.4	0.226	0.5535	10	0.0	0.0
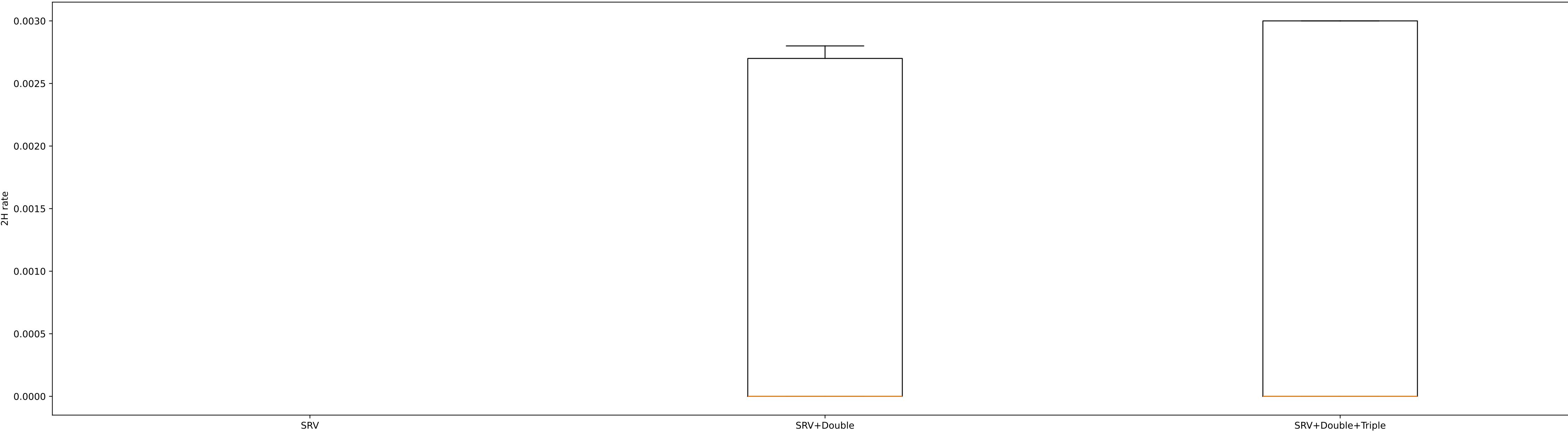
K (alternative) by run type

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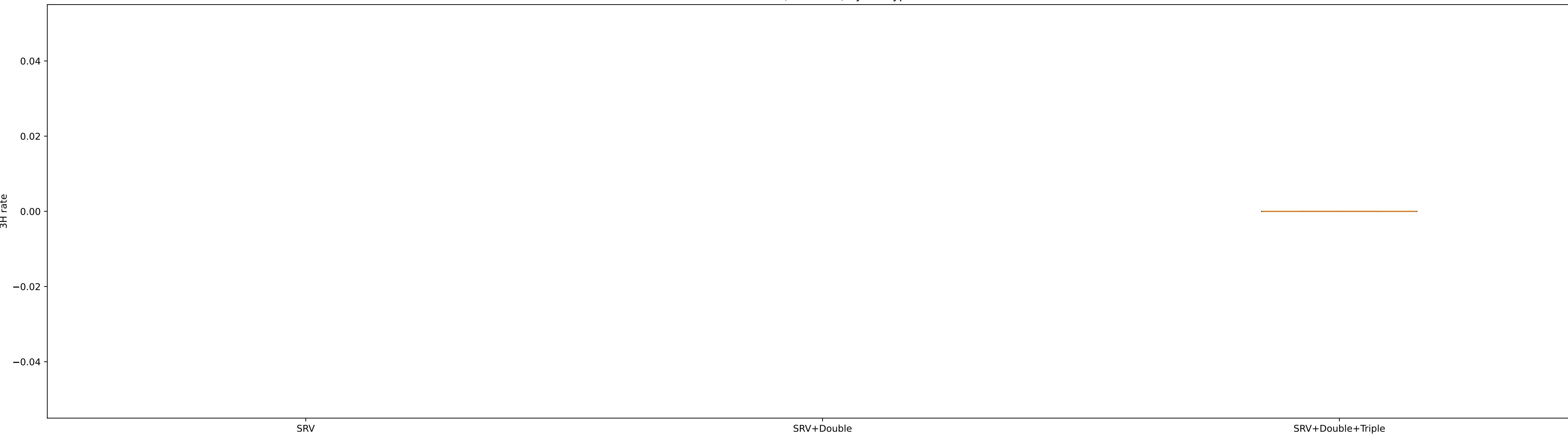
2H rates (reference) by run type
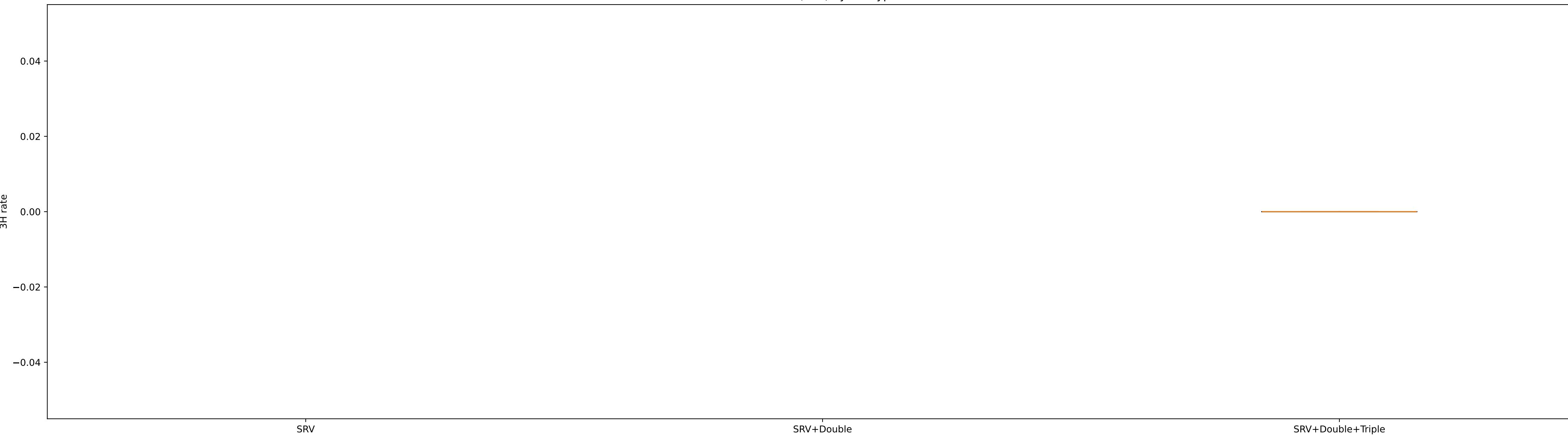
2H rates (test) by run type

3H rates (reference) by run type

3H rates (test) by run type

	replicate	p_value	K_alt	global_dNdS_reference	global_dNdS_test	
	1	0.2606	0.39	0.226	0.5535	
	2	0.2607	0.38	0.226	0.5535	
	3	0.2607	0.39	0.226	0.5535	
	4	0.2607	0.39	0.226	0.5535	
	5	0.2606	0.39	0.226	0.5535	
	6	0.2606	26.53	0.226	0.5535	
	7	0.2606	0.39	0.226	0.5535	
	8	0.2607	0.38	0.226	0.5535	
	9	0.2607	0.39	0.226	0.5535	
	10	0.2607	0.38	0.226	0.5535	

Replicate-level summary — SRV+Double (page 1/1)

	replicate	p_value	K_alt	global_dNdS_reference	global_dNdS_test	
	1	0.2611	0.38	0.226	0.5535	
	2	0.2612	0.39	0.226	0.5535	
	3	0.2619	0.38	0.226	0.5535	
	4	0.2606	26.98	0.226	0.5535	
	5	0.2615	0.38	0.226	0.5535	
	6	0.2613	0.38	0.226	0.5535	
	7	0.2612	0.39	0.226	0.5535	
	8	0.2613	0.39	0.226	0.5535	
	9	0.2609	0.39	0.226	0.5535	
	10	0.2606	0.38	0.226	0.5535	

	replicate	p_value	K_alt	global_dNdS_reference	global_dNdS_test	
	1	0.2606	0.39	0.226	0.5535	
	2	0.8925	0.4	0.226	0.5535	
	3	0.2606	0.38	0.226	0.5535	
	4	0.2608	0.39	0.226	0.5535	
	5	0.2607	0.39	0.226	0.5535	
	6	0.2606	0.39	0.226	0.5535	
	7	0.2607	0.39	0.226	0.5535	
	8	0.2606	0.39	0.226	0.5535	
	9	0.2606	0.39	0.226	0.5535	
	10	0.2606	0.39	0.226	0.5535	

test	Negative selection	0.0	0.0	SRV+Double
test	Negative selection	0.0	77.115	SRV+Double
test	Negative selection	0.0	77.115	SRV+Double
test	Negative selection	0.0	0.0	SRV+Double
reference	Diversifying selection	0.0	0.0	SRV+Double
reference	Negative selection	0.209	0.0	SRV+Double
reference	Negative selection	0.232	100.0	SRV+Double
test	Diversifying selection	1.002	0.0	SRV+Double
test	Negative selection	0.209	0.0	SRV+Double
test	Negative selection	0.232	100.0	SRV+Double
reference	Diversifying selection	1.004	0.0	SRV+Double
reference	Negative selection	0.201	56.513	SRV+Double
reference	Negative selection	0.251	43.487	SRV+Double
test	Diversifying selection	1.001	0.0	SRV+Double
test	Diversifying selection	1.004	0.0	SRV+Double
test	Negative selection	0.54	56.513	SRV+Double
test	Negative selection	0.588	43.487	SRV+Double
test	Negative selection	0.201	56.513	SRV+Double
test	Negative selection	0.251	43.487	SRV+Double
reference	Diversifying selection	1.079	0.0	SRV+Double
reference	Negative selection	0.211	39.145	SRV+Double
reference	Negative selection	0.245	60.855	SRV+Double
test	Diversifying selection	1.079	0.0	SRV+Double
test	Negative selection	0.211	39.145	SRV+Double
test	Negative selection	0.245	60.855	SRV+Double
reference	Diversifying selection	1.335	0.0	SRV+Double
reference	Negative selection	0.19	24.649	SRV+Double
reference	Negative selection	0.234	75.351	SRV+Double
test	Diversifying selection	1.117	0.0	SRV+Double
test	Diversifying selection	1.335	0.0	SRV+Double
test	Negative selection	0.528	24.649	SRV+Double
test	Negative selection	0.572	75.351	SRV+Double
test	Negative selection	0.19	24.649	SRV+Double
test	Negative selection	0.234	75.351	SRV+Double
reference	Diversifying selection	1.088	0.0	SRV+Double
reference	Negative selection	0.211	15.818	SRV+Double
reference	Negative selection	0.235	84.182	SRV+Double
test	Diversifying selection	1.088	0.0	SRV+Double
test	Negative selection	0.211	15.818	SRV+Double
test	Negative selection	0.235	84.182	SRV+Double
reference	Diversifying selection	1.377	0.0	SRV+Double
reference	Negative selection	0.192	22.571	SRV+Double
reference	Negative selection	0.232	77.429	SRV+Double
test	Diversifying selection	1.131	0.0	SRV+Double
test	Diversifying selection	1.377	0.0	SRV+Double
test	Negative selection	0.529	22.571	SRV+Double
test	Negative selection	0.57	77.429	SRV+Double
test	Negative selection	0.192	22.571	SRV+Double
test	Negative selection	0.232	77.429	SRV+Double
reference	Diversifying selection	1.091	0.0	SRV+Double

class_id	syn_rate	proportion_per cent	run_type
1	0.0	50.403	SRV
2	0.609	0.0	SRV
3	2.016	49.597	SRV
1	0.0	13.473	SRV
2	0.0	36.929	SRV
3	2.016	49.597	SRV
1	0.0	14.244	SRV
2	0.0	36.159	SRV
3	2.016	49.597	SRV
1	0.0	15.824	SRV
2	0.0	34.578	SRV
3	2.016	49.597	SRV
1	0.0	50.404	SRV
2	2.016	47.745	SRV
3	2.017	1.852	SRV
1	0.0	25.863	SRV
2	0.0	24.54	SRV
3	2.016	49.597	SRV
1	0.0	12.09	SRV
2	0.0	38.313	SRV
3	2.016	49.597	SRV
1	0.0	16.576	SRV
2	0.0	33.827	SRV
3	2.016	49.597	SRV
1	0.0	14.271	SRV
2	0.0	36.135	SRV
3	2.016	49.594	SRV
1	0.0	13.696	SRV
2	0.0	36.707	SRV
3	2.016	49.596	SRV

reference	2H	0.0028	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	0.003	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	0.0029	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	0.003	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	0.003	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	0.003	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