

# RELAX Combined Report

SRV vs SRV+Double vs SRV+Double+Triple

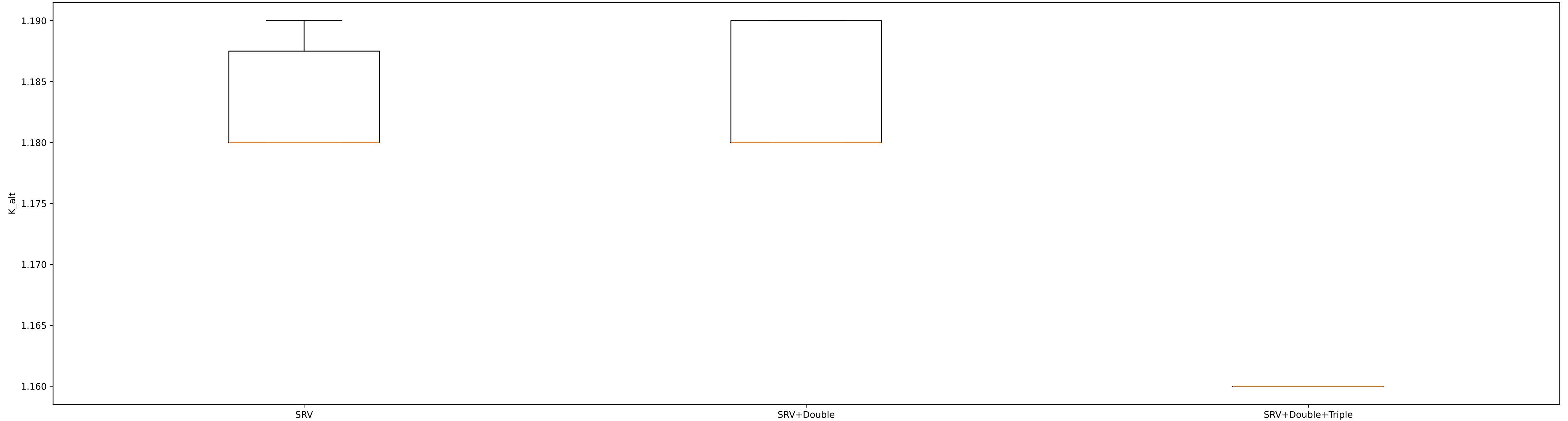
Includes:

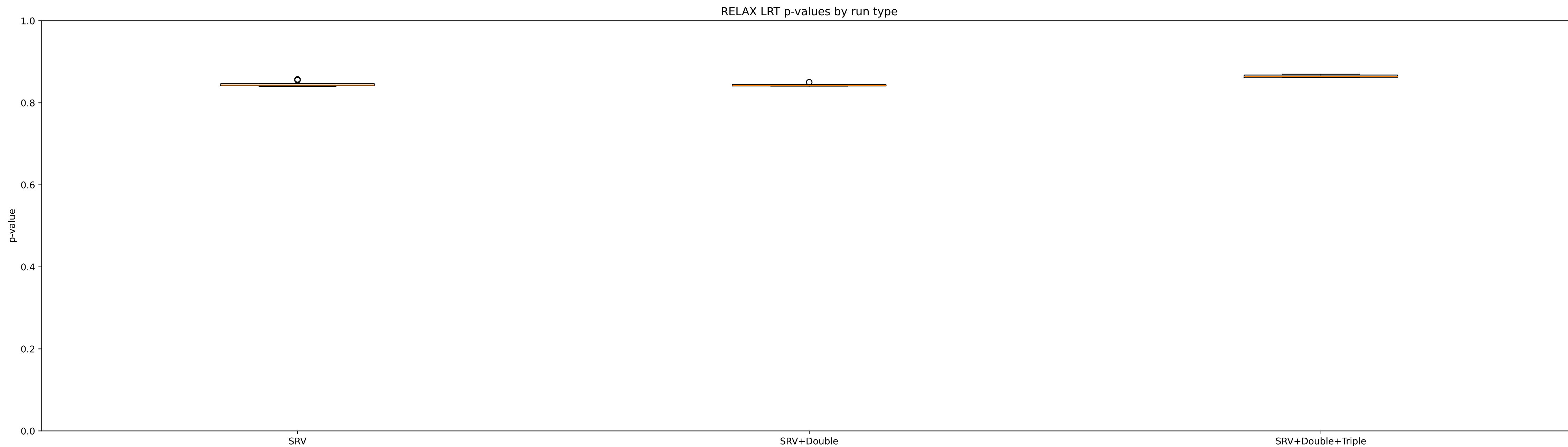
- Run-type summary
- Boxplots: K, p-values, 2H/3H
- Full omega/SRV/multihit tables (column-paged)

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
0.8432	0.8397	0.8572	1.18	1.18	1.19	0.2672	0.1999	10	nan	nan
0.8422	0.8407	0.8502	1.18	1.18	1.19	0.2672	0.1999	10	0.0	0.0
0.8645	0.8617	0.8699	1.16	1.16	1.16	0.2672	0.1999	10	0.0	0.0

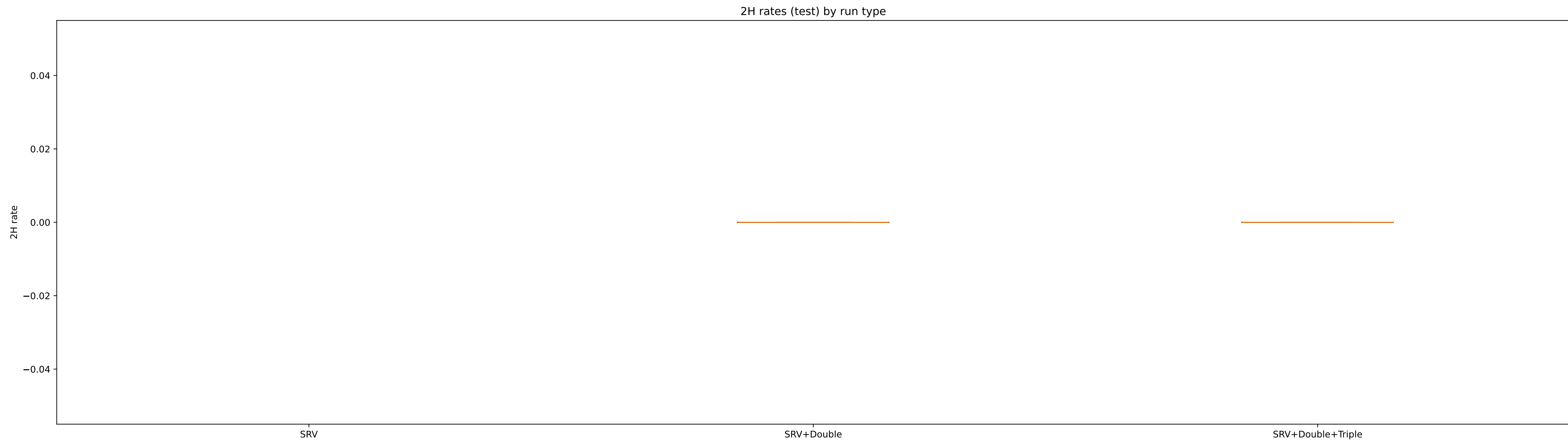
K (alternative) by run type



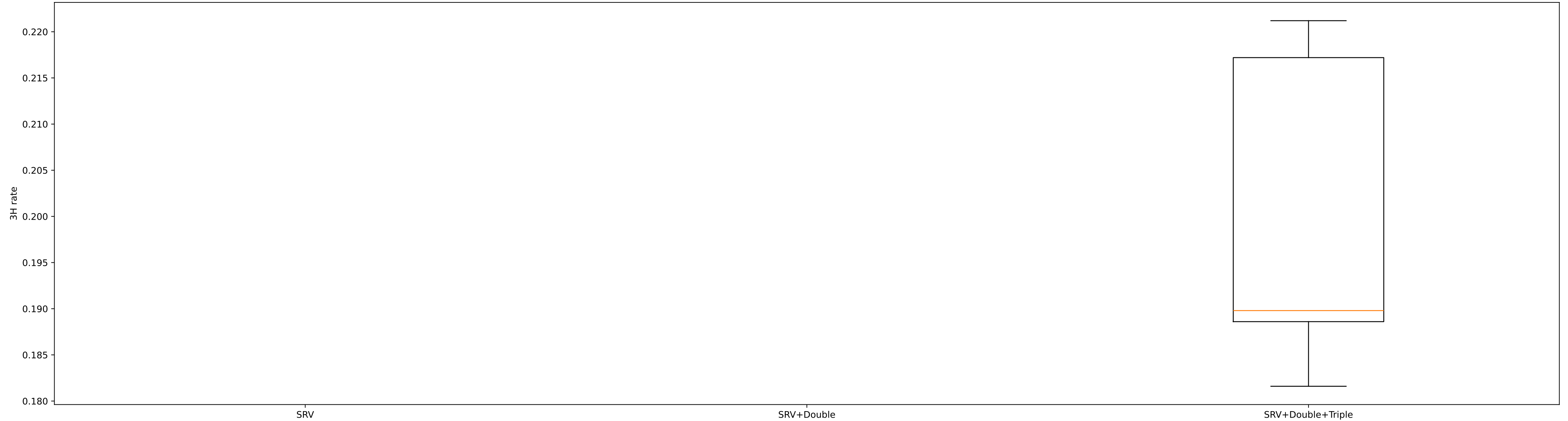


2H rates (reference) by run type

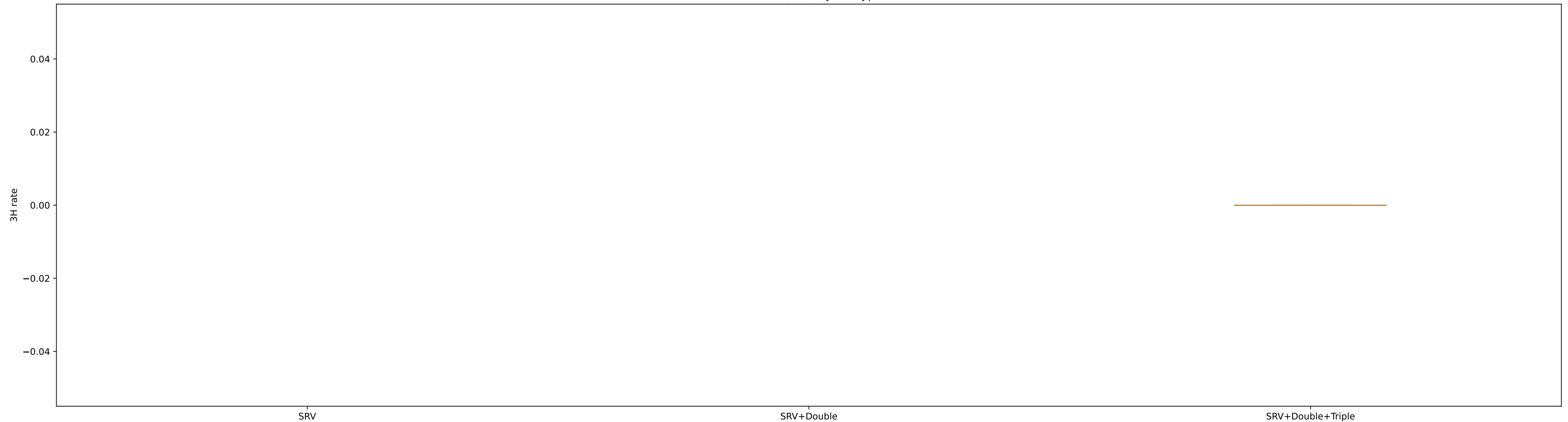




3H rates (reference) by run type



3H rates (test) by run type



	replicate	p_value	K_alt	global_dNdS_reference	global_dNdS_test	
	1	0.8397	1.18	0.2672	0.1999	
	2	0.8552	1.19	0.2672	0.1999	
	3	0.8427	1.18	0.2672	0.1999	
	4	0.8441	1.18	0.2672	0.1999	
	5	0.8572	1.18	0.2672	0.1999	
	6	0.8417	1.18	0.2672	0.1999	
	7	0.8422	1.18	0.2672	0.1999	
	8	0.8437	1.19	0.2672	0.1999	
	9	0.8419	1.19	0.2669	0.1996	
	10	0.8471	1.18	0.2672	0.1999	

	replicate	p_value	K_alt	global_dNdS_reference	global_dNdS_test	
	1	0.8422	1.18	0.2672	0.1999	
	2	0.8447	1.19	0.2672	0.1999	
	3	0.8423	1.19	0.2672	0.1999	
	4	0.8408	1.18	0.2672	0.1999	
	5	0.8447	1.19	0.2672	0.1999	
	6	0.8502	1.19	0.2672	0.1999	
	7	0.8407	1.18	0.2672	0.1999	
	8	0.841	1.18	0.2672	0.1999	
	9	0.8423	1.18	0.2672	0.1999	
	10	0.8419	1.18	0.2672	0.1999	

	replicate	p_value	K_alt	global_dNdS_reference	global_dNdS_test	
	1	0.8699	1.16	0.2672	0.1999	
	2	0.8617	1.16	0.2672	0.1999	
	3	0.8623	1.16	0.2672	0.1999	
	4	0.8695	1.16	0.2672	0.1999	
	5	0.8637	1.16	0.2672	0.1999	
	6	0.8653	1.16	0.2672	0.1999	
	7	0.8684	1.16	0.2672	0.1999	
	8	0.8617	1.16	0.2672	0.1999	
	9	0.8655	1.16	0.2672	0.1999	
	10	0.8626	1.16	0.2672	0.1999	

	test	Negative s election	0.174	1.657	SRV+Double	
	test	Negative s election	0.202	98.343	SRV+Double	
	test	Negative s election	0.228	1.657	SRV+Double	
	test	Negative s election	0.259	98.343	SRV+Double	
	reference	Diversifyi ng selecti on	Ω-class distributions (all) (cols 1-7/7)		0.0	SRV+Double
	reference	Negative s election	0.243	1.648	SRV+Double	
	reference	Negative s election	0.257	98.352	SRV+Double	
	test	Diversifyi ng selecti on	1.04	0.0	SRV+Double	
	test	Negative s election	0.243	1.648	SRV+Double	
	test	Negative s election	0.257	98.352	SRV+Double	
	reference	Diversifyi ng selecti on	2.972	0.0	SRV+Double	
	reference	Negative s election	0.213	13.019	SRV+Double	
	reference	Negative s election	0.266	86.981	SRV+Double	
	test	Diversifyi ng selecti on	3.646	0.0	SRV+Double	
	test	Diversifyi ng selecti on	2.972	0.0	SRV+Double	
	test	Negative s election	0.159	13.019	SRV+Double	
	test	Negative s election	0.207	86.981	SRV+Double	
	test	Negative s election	0.213	13.019	SRV+Double	
	test	Negative s election	0.266	86.981	SRV+Double	
	reference	Diversifyi ng selecti on	1.22	0.0	SRV+Double	
	reference	Negative s election	0.218	12.953	SRV+Double	
	reference	Negative s election	0.263	87.047	SRV+Double	
	test	Diversifyi ng selecti on	1.22	0.0	SRV+Double	
	test	Negative s election	0.218	12.953	SRV+Double	
	test	Negative s election	0.263	87.047	SRV+Double	
	reference	Diversifyi ng selecti on	2.466	0.0	SRV+Double	
	reference	Negative s election	0.205	9.779	SRV+Double	
	reference	Negative s election	0.265	90.221	SRV+Double	
	test	Diversifyi ng selecti on	2.923	0.0	SRV+Double	
	test	Diversifyi ng selecti on	2.466	0.0	SRV+Double	
	test	Negative s election	0.152	9.779	SRV+Double	
	test	Negative s election	0.207	90.221	SRV+Double	
	test	Negative s election	0.205	9.779	SRV+Double	
	test	Negative s election	0.265	90.221	SRV+Double	
	reference	Diversifyi ng selecti on	6.129	0.0	SRV+Double	
	reference	Negative s election	0.22	8.696	SRV+Double	
	reference	Negative s election	0.261	91.304	SRV+Double	
	test	Diversifyi ng selecti on	6.129	0.0	SRV+Double	
	test	Negative s election	0.22	8.696	SRV+Double	
	test	Negative s election	0.261	91.304	SRV+Double	
	reference	Diversifyi ng selecti on	1.02	0.0	SRV+Double	
	reference	Negative s election	0.251	0.0	SRV+Double	
	reference	Negative s election	0.258	100.0	SRV+Double	
	test	Diversifyi ng selecti on	1.023	0.0	SRV+Double	
	test	Diversifyi ng selecti on	1.02	0.0	SRV+Double	
	test	Negative s election	0.195	0.0	SRV+Double	
	test	Negative s election	0.201	100.0	SRV+Double	
	test	Negative s election	0.251	0.0	SRV+Double	
	test	Negative s election	12 0.258	100.0	SRV+Double	
	reference	Diversifyi ng selecti on	1.864	0.0	SRV+Double	

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

	class_id	syn_rate	proportion_per cent	run_type	
	1	0.876	83.374	SRV	
	2	0.877	15.507	SRV	
	3	11.904	1.119	SRV	
	1	0.875	83.88	SRV	
	2	0.884	14.988	SRV	
	3	11.793	1.132	SRV	
	1	0.876	86.228	SRV	
	2	0.879	12.635	SRV	
	3	11.742	1.137	SRV	
	1	0.876	89.972	SRV	
	2	0.884	8.888	SRV	
	3	11.723	1.14	SRV	
	1	0.877	87.537	SRV	
	2	0.878	11.331	SRV	
	3	11.76	1.132	SRV	
	1	0.876	80.228	SRV	
	2	0.879	18.648	SRV	
	3	11.838	1.124	SRV	
	1	0.877	87.927	SRV	
	2	0.877	10.948	SRV	
	3	11.836	1.125	SRV	
	1	0.877	87.899	SRV	
	2	0.878	10.984	SRV	
	3	11.901	1.117	SRV	
	1	0.876	98.871	SRV	
	2	2.296	0.0	SRV	
	3	11.836	1.129	SRV	
	1	0.876	10.833	SRV	
	2	0.877	88.04	SRV	
	3	11.792	1.127	SRV	

	test	3H	0.0	SRV+Double+Triple	
	reference	2H	0.0	SRV+Double+Triple	
	reference	3H	0.19	SRV+Double+Triple	
	reference	3H	0.1898	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	0.2172	SRV+Double+Triple	
	reference	3H	0.1881	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	0.1901	SRV+Double+Triple	
	reference	3H	0.1892	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	0.2209	SRV+Double+Triple	
	reference	3H	0.1886	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	0.1899	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	0.2172	SRV+Double+Triple	
	reference	3H	0.1875	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	0.1893	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	0.2185	SRV+Double+Triple	
	reference	3H	0.1885	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	0.1911	SRV+Double+Triple	
	reference	3H	0.1901	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	0.2194	SRV+Double+Triple	
	reference	3H	0.1816	SRV+Double+Triple	
	test	2H	0.0	SRV+Double+Triple	
	test	3H	0.0	SRV+Double+Triple	