

RELAX Combined Report

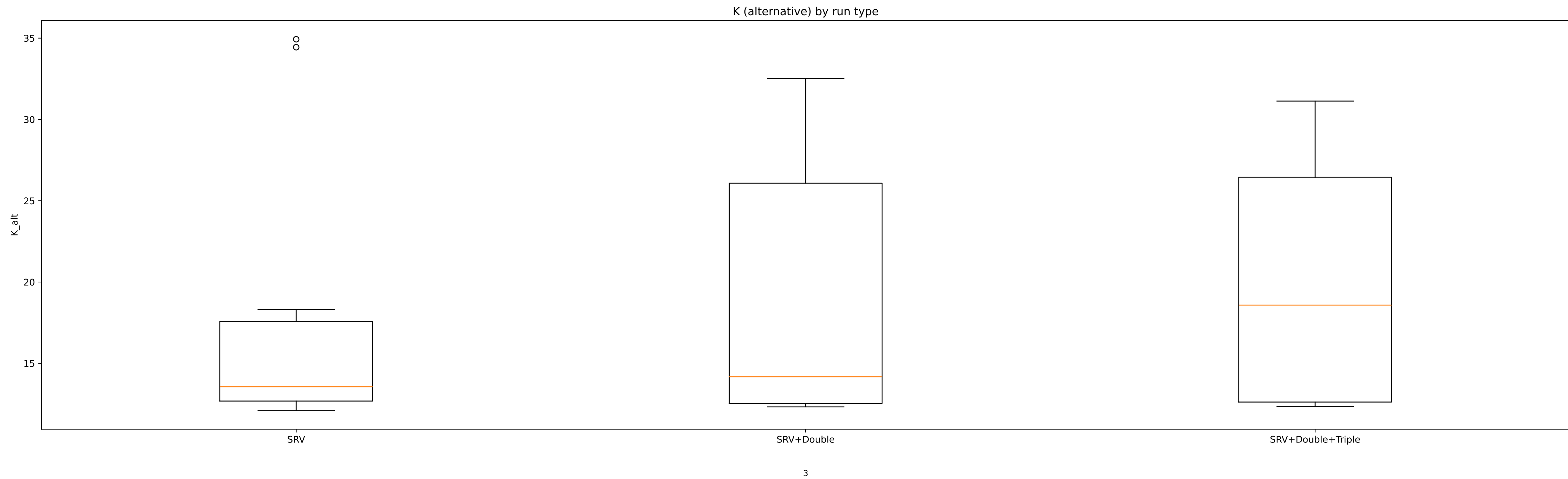
SRV vs SRV+Double vs SRV+Double+Triple

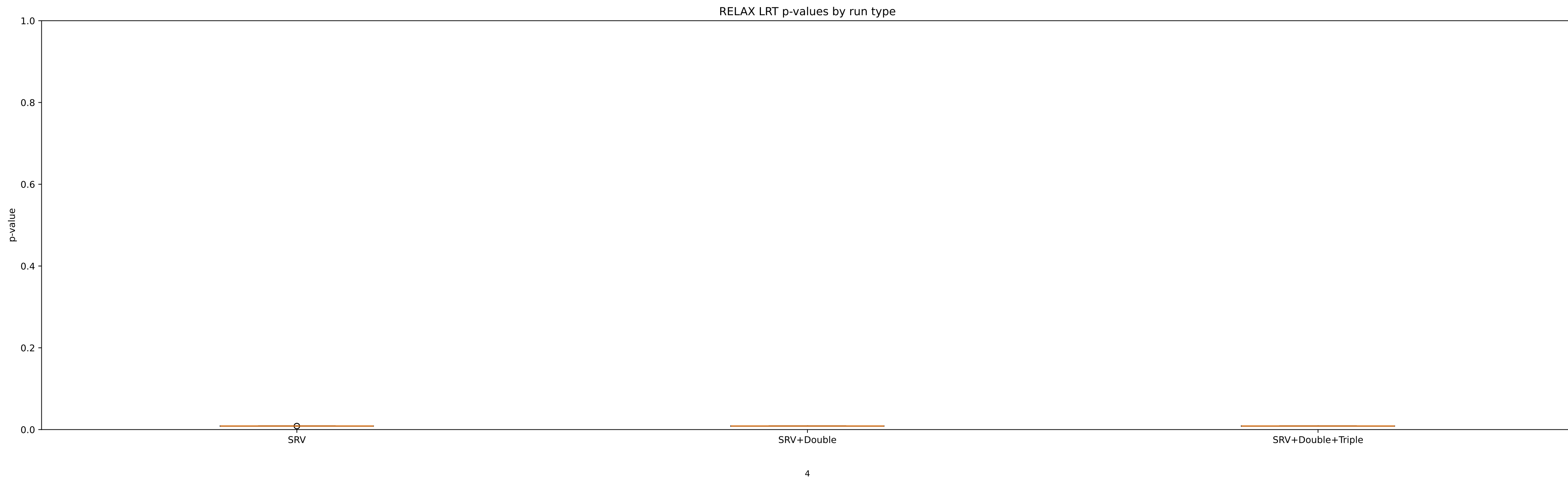
Includes:

- 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
0.0087	0.0086	0.0087	13.56	12.09	34.93	0.3593	0.0	5	nan	nan
0.0087	0.0087	0.0087	14.175	12.32	32.52	0.3593	0.0	6	0.0	0.0
0.0087	0.0087	0.0087	18.58	12.34	31.13	0.3593	0.0	3	0.0	0.0





2H rates (reference) by run type





3H rates (reference) by run type





	replicate	p_value	K_alt	global_dNdS_reference	global_dNdS_test	
	1	0.0087	12.09	0.3593	0.0	
	2	0.0087	15.41	0.3593	0.0	
	3	0.0087	34.93	0.3593	0.0	
	4	0.0087	14.1	0.3593	0.0	
	5	0.0087	12.74	0.3593	0.0	
	6	0.0087	12.66	0.3593	0.0	
	7	0.0087	18.3	0.3593	0.0	
	8	0.0087	34.44	0.3593	0.0	
	9	0.0087	12.11	0.3593	0.0	
	10	0.0086	13.02	0.3593	0.0	

	replicate	p_value	K_alt	global_dNdS_reference	global_dNdS_test	
	1	0.0087	13.04	0.3593	0.0	
	2	0.0087	26.85	0.3593	0.0	
	3	0.0087	12.32	0.3593	0.0	
	4	0.0087	23.76	0.3593	0.0	
	5	0.0087	32.52	0.3593	0.0	
	6	0.0087	12.52	0.3593	0.0	
	7	0.0087	12.58	0.3593	0.0	
	8	0.0087	12.34	0.3593	0.0	
	9	0.0087	29.26	0.3593	0.0	
	10	0.0087	15.31	0.3593	0.0	

	replicate	p_value	K_alt	global_dNdS_reference	global_dNdS_test	
	1	0.0087	31.13	0.3593	0.0	
	2	0.0087	21.66	0.3593	0.0	
	3	0.0087	12.8	0.3593	0.0	
	4	0.0087	30.65	0.3593	0.0	
	5	0.0087	24.71	0.3593	0.0	
	6	0.0087	12.56	0.3593	0.0	
	7	0.0087	12.34	0.3593	0.0	
	8	0.0087	27.03	0.3593	0.0	
	9	0.0087	12.44	0.3593	0.0	
	10	0.0087	15.5	0.3593	0.0	

		test	Diversifyi ng selecti on	2.577	0.0	SRV+Double	
		test	Negative s election	0.0	0.0	SRV+Double	
		test	Negative s election	0.0	100.0	SRV+Double	
		test	Negative s election	0.002	0.0	SRV+Double	
		test	Negative s election	0.374	100.0	SRV+Double	
		reference	Negative s election	5.672	0.0	SRV+Double	
		reference	Negative s election	0.003	0.0	SRV+Double	
		reference	Negative s election	0.293	100.0	SRV+Double	
		test	Diversifyi ng selecti on	5.672	0.0	SRV+Double	
		test	Negative s election	0.003	0.0	SRV+Double	
		test	Negative s election	0.293	100.0	SRV+Double	
		reference	Diversifyi ng selecti on	2.02	0.0	SRV+Double	
		reference	Negative s election	0.001	0.0	SRV+Double	
		reference	Negative s election	0.374	100.0	SRV+Double	
		test	Diversifyi ng selecti on	2.02	0.0	SRV+Double	
		test	Negative s election	0.0	0.0	SRV+Double	
		test	Negative s election	0.0	100.0	SRV+Double	
		test	Negative s election	0.001	0.0	SRV+Double	
		test	Negative s election	0.374	100.0	SRV+Double	
		reference	Diversifyi ng selecti on	3.683	0.0	SRV+Double	
		reference	Negative s election	0.256	32.572	SRV+Double	
		reference	Negative s election	0.311	67.428	SRV+Double	
		test	Diversifyi ng selecti on	3.683	0.0	SRV+Double	
		test	Negative s election	0.256	32.572	SRV+Double	
		test	Negative s election	0.311	67.428	SRV+Double	
		reference	Diversifyi ng selecti on	6.184	0.0	SRV+Double	
		reference	Negative s election	0.001	0.0	SRV+Double	
		reference	Negative s election	0.374	100.0	SRV+Double	
		test	Diversifyi ng selecti on	6.184	0.0	SRV+Double	
		test	Negative s election	0.0	0.0	SRV+Double	
		test	Negative s election	0.0	100.0	SRV+Double	
		test	Negative s election	0.001	0.0	SRV+Double	
		test	Negative s election	0.374	100.0	SRV+Double	
		reference	Diversifyi ng selecti on	1.153	0.0	SRV+Double	
		reference	Negative s election	0.248	29.869	SRV+Double	
		reference	Negative s election	0.313	70.131	SRV+Double	
		test	Diversifyi ng selecti on	1.153	0.0	SRV+Double	
		test	Negative s election	0.248	29.869	SRV+Double	
		test	Negative s election	0.313	70.131	SRV+Double	
		reference	Diversifyi ng selecti on	6.16	0.0	SRV+Double	
		reference	Negative s election	0.002	0.0	SRV+Double	
		reference	Negative s election	0.376	100.0	SRV+Double	
		test	Diversifyi ng selecti on	6.16	0.0	SRV+Double	
		test	Negative s election	0.0	0.0	SRV+Double	
		test	Negative s election	0.0	100.0	SRV+Double	
		test	Negative s election	0.002	0.0	SRV+Double	
		test	Negative s election	0.376	100.0	SRV+Double	
		reference	Diversifyi ng selecti on	1.125	0.0	SRV+Double	
		reference	Negative s election	0.0	0.0	SRV+Double	
			Negative s election	0.002	0.0	SRV+Double	

		3	9.128	9.886	SRV	
		1	0.015	56.539	SRV	
		2	0.278	33.692	SRV	
		3	9.192	9.769	SRV	
		1	0.0	53.817	SRV	
		2	0.286	36.473	SRV	
		3	9.223	9.71	SRV	
		1	0.038	58.042	SRV	
		2	0.217	31.947	SRV	
		3	9.073	10.011	SRV	
		1	0.006	54.573	SRV	
		2	0.257	35.507	SRV	
		3	9.128	9.92	SRV	
		1	0.049	59.158	SRV	
		2	0.211	30.891	SRV	
		3	9.105	9.951	SRV	
		1	0.016	56.919	SRV	
		2	0.249	33.105	SRV	
		3	9.102	9.976	SRV	
		1	0.034	58.983	SRV	
		2	0.231	31.0	SRV	
		3	9.069	10.016	SRV	
		1	0.0	54.42	SRV	
		2	0.268	35.675	SRV	
		3	9.13	9.906	SRV	
		1	0.058	60.132	SRV	
		2	0.166	29.666	SRV	
		3	8.978	10.202	SRV	
		1	0.031	58.148	SRV	
		2	0.24	31.909	SRV	
		3	9.104	9.943	SRV	
		1	0.038	57.57	SRV	
		2	0.223	32.468	SRV	
		3	9.095	9.962	SRV	
		1	0.015	54.023	SRV	
		2	0.228	35.967	SRV	
		3	9.087	10.009	SRV	
		1	0.048	58.863	SRV	
		2	0.216	31.222	SRV	
		3	9.12	9.915	SRV	
		1	0.008	55.195	SRV	
		2	0.267	34.952	SRV	
		3	9.161	9.853	SRV	
		1	0.043	59.801	SRV	
		2	0.21	30.125	SRV	
		3	9.042	10.073	SRV	
		1	0.033	57.452	SRV	
		2	0.208	32.442	SRV	
		3	9.039	10.106	SRV	
		1	0.0	32.023	SRV	

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

