

# RELAX Combined Report

SRV vs SRV+Double vs SRV+Double+Triple

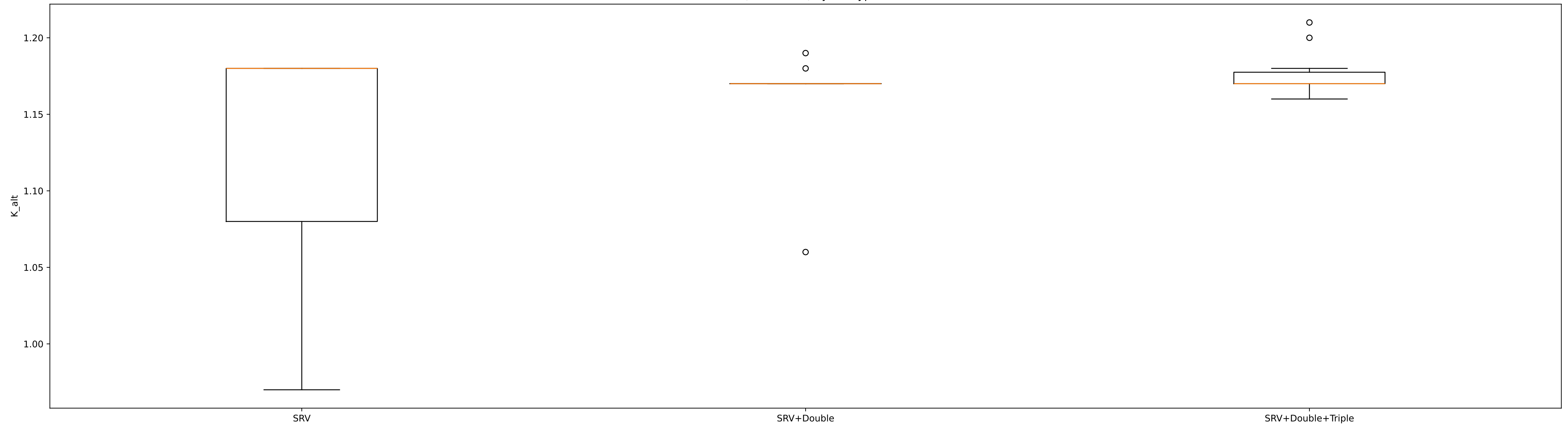
Includes:

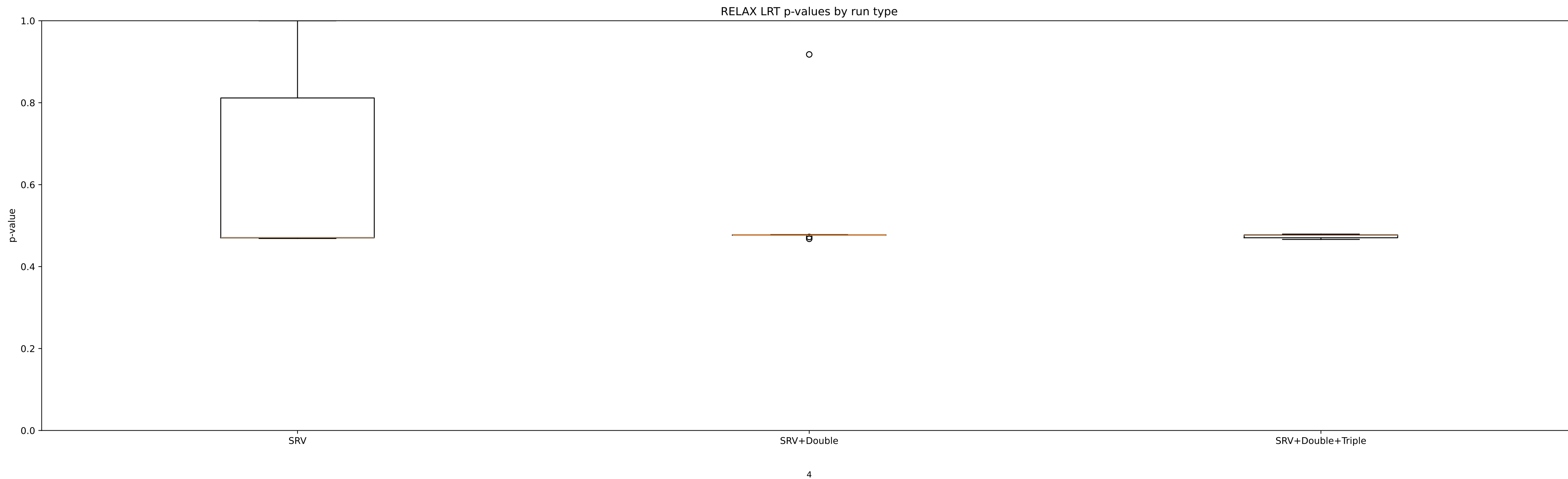
- Run-type summary
- Boxplots: K, p-values, 2H/3H
- Full omega/SRV/multihit tables (column-paged)

Run-type summary statistics

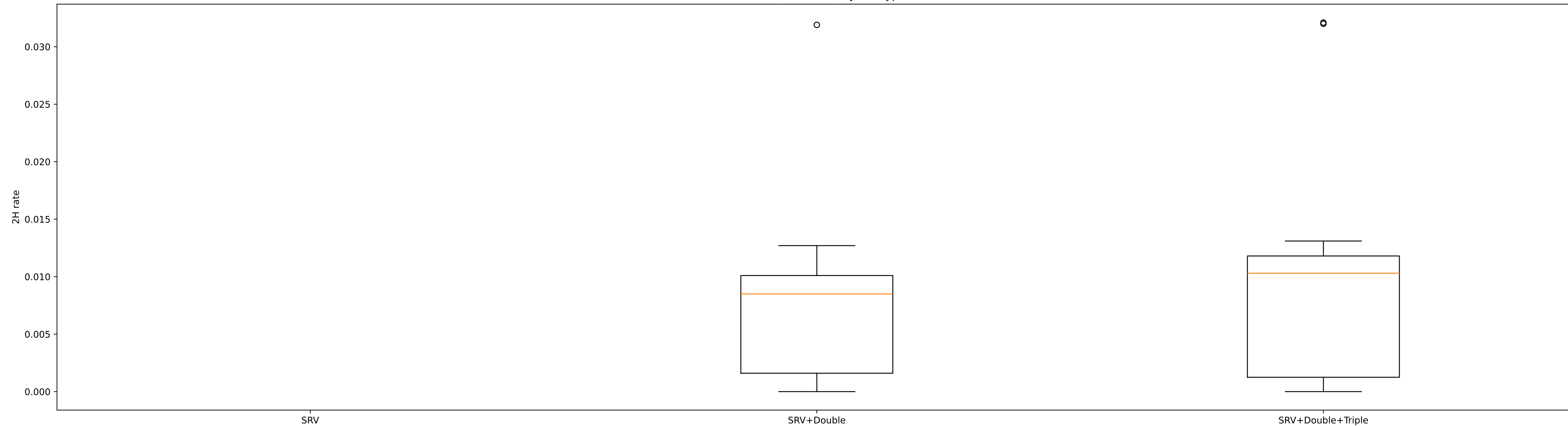
p_median	p_min	p_max	K_median	K_min	K_max	omega_ref_med ian	omega_test_med ian	warnings_count	2H_reference_m edian	2H_test_median
0.471	0.4686	1.0	1.18	0.97	1.18	0.1779	0.1307	10	nan	nan
0.4769	0.4678	0.9178	1.17	1.06	1.19	0.1779	0.1307	10	0.0085	0.0
0.4762	0.4663	0.4792	1.17	1.16	1.21	0.1779	0.1307	10	0.0103	0.0

K (alternative) by run type





2H rates (reference) by run type





3H rates (reference) by run type







	replicate	p_value	K_alt	global_dNdS_reference	global_dNdS_test	
	1	0.4694	1.18	0.1779	0.1307	
	2	0.4706	1.18	0.1779	0.1307	
	3	0.4715	1.18	0.1779	0.1307	
	4	1.0	0.98	0.1779	0.1307	
	5	0.9235	1.05	0.1779	0.1307	
	6	0.4701	1.18	0.1779	0.1307	
	7	0.4686	1.18	0.1779	0.1307	
	8	1.0	0.97	0.1779	0.1307	
	9	0.4705	1.17	0.1779	0.1307	
	10	0.4757	1.18	0.1779	0.1308	

	replicate	p_value	K_alt	global_dNdS_reference	global_dNdS_test	
	1	0.477	1.17	0.1779	0.1307	
	2	0.478	1.17	0.1779	0.1306	
	3	0.9178	1.06	0.1779	0.1307	
	4	0.4767	1.17	0.1779	0.1307	
	5	0.4767	1.17	0.1779	0.1307	
	6	0.4771	1.17	0.1779	0.1307	
	7	0.4768	1.17	0.1779	0.1307	
	8	0.4678	1.19	0.1779	0.1307	
	9	0.4775	1.17	0.1779	0.1307	
	10	0.4723	1.18	0.1779	0.1307	

	replicate	p_value	K_alt	global_dNdS_reference	global_dNdS_test	
	1	0.4694	1.18	0.1779	0.1307	
	2	0.4766	1.17	0.1779	0.1307	
	3	0.4733	1.17	0.1779	0.1307	
	4	0.4663	1.2	0.1779	0.1307	
	5	0.4667	1.21	0.1779	0.1305	
	6	0.476	1.17	0.1779	0.1307	
	7	0.4792	1.17	0.1779	0.1307	
	8	0.4765	1.17	0.1779	0.1307	
	9	0.4775	1.17	0.1779	0.1307	
	10	0.4776	1.16	0.1779	0.1307	

	test	Negative s election	0.113	94.264	SRV+Double	
	test	Negative s election	0.343	5.736	SRV+Double	
	test	Negative s election	0.157	94.264	SRV+Double	
	test	Negative s election	0.402	5.736	SRV+Double	
	reference	Diversifyi ng selecti on	0.0	0.0	SRV+Double	
	reference	Negative s election	0.154	93.354	SRV+Double	
	reference	Negative s election	0.356	6.646	SRV+Double	
	test	Diversifyi ng selecti on	1.856	0.0	SRV+Double	
	test	Negative s election	0.154	93.354	SRV+Double	
	test	Negative s election	0.356	6.646	SRV+Double	
	reference	Diversifyi ng selecti on	1.027	0.0	SRV+Double	
	reference	Negative s election	0.154	94.721	SRV+Double	
	reference	Negative s election	0.477	5.279	SRV+Double	
	test	Diversifyi ng selecti on	1.032	0.0	SRV+Double	
	test	Diversifyi ng selecti on	1.027	0.0	SRV+Double	
	test	Negative s election	0.111	94.721	SRV+Double	
	test	Negative s election	0.419	5.279	SRV+Double	
	test	Negative s election	0.154	94.721	SRV+Double	
	test	Negative s election	0.477	5.279	SRV+Double	
	reference	Diversifyi ng selecti on	1.808	0.0	SRV+Double	
	reference	Negative s election	0.152	93.999	SRV+Double	
	reference	Negative s election	0.421	6.001	SRV+Double	
	test	Diversifyi ng selecti on	1.808	0.0	SRV+Double	
	test	Negative s election	0.152	93.999	SRV+Double	
	test	Negative s election	0.421	6.001	SRV+Double	
	reference	Diversifyi ng selecti on	1.039	0.0	SRV+Double	
	reference	Negative s election	0.162	96.818	SRV+Double	
	reference	Negative s election	0.425	3.182	SRV+Double	
	test	Diversifyi ng selecti on	1.046	0.0	SRV+Double	
	test	Diversifyi ng selecti on	1.039	0.0	SRV+Double	
	test	Negative s election	0.119	96.818	SRV+Double	
	test	Negative s election	0.368	3.182	SRV+Double	
	test	Negative s election	0.162	96.818	SRV+Double	
	test	Negative s election	0.425	3.182	SRV+Double	
	reference	Diversifyi ng selecti on	1.881	0.0	SRV+Double	
	reference	Negative s election	0.159	96.18	SRV+Double	
	reference	Negative s election	0.368	3.82	SRV+Double	
	test	Diversifyi ng selecti on	1.881	0.0	SRV+Double	
	test	Negative s election	0.159	96.18	SRV+Double	
	test	Negative s election	0.368	3.82	SRV+Double	
	reference	Diversifyi ng selecti on	1.024	0.0	SRV+Double	
	reference	Negative s election	0.162	96.689	SRV+Double	
	reference	Negative s election	0.423	3.311	SRV+Double	
	test	Diversifyi ng selecti on	1.028	0.0	SRV+Double	
	test	Diversifyi ng selecti on	1.024	0.0	SRV+Double	
	test	Negative s election	0.118	96.689	SRV+Double	
	test	Negative s election	0.365	3.311	SRV+Double	
	test	Negative s election	0.162	96.689	SRV+Double	
	test	Negative s election	1.02	3.311	SRV+Double	
	reference	Diversifyi ng selecti on	1.841	0.0	SRV+Double	

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

	class_id	syn_rate	proportion_per cent	run_type	
	1	0.305	29.218	SRV	
	2	0.407	27.363	SRV	
	3	1.841	43.419	SRV	
	1	0.286	32.682	SRV	
	2	0.464	24.274	SRV	
	3	1.845	43.044	SRV	
	1	0.273	28.161	SRV	
	2	0.449	28.797	SRV	
	3	1.844	43.042	SRV	
	1	0.286	33.055	SRV	
	2	0.462	23.622	SRV	
	3	1.838	43.323	SRV	
	1	0.302	31.175	SRV	
	2	0.413	25.026	SRV	
	3	1.832	43.799	SRV	
	1	0.268	28.452	SRV	
	2	0.461	28.68	SRV	
	3	1.847	42.868	SRV	
	1	0.27	29.515	SRV	
	2	0.466	27.587	SRV	
	3	1.846	42.898	SRV	
	1	0.287	33.152	SRV	
	2	0.459	23.49	SRV	
	3	1.838	43.357	SRV	
	1	0.275	31.342	SRV	
	2	0.475	25.866	SRV	
	3	1.848	42.792	SRV	
	1	0.332	33.918	SRV	
	2	0.374	22.196	SRV	
	3	1.833	43.887	SRV	

	reference	2H	0.007	SRV+Double	
	test	2H	0.0	SRV+Double	
	reference	2H	0.0085	SRV+Double	
	reference	2H	0.0069	SRV+Double	
	test	2H	0.0	SRV+Double	
	reference	2H	0.0	SRV+Double+Triple	
	reference	2H	0.0058	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	0.0068	SRV+Double+Triple	
	reference	2H	0.0057	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	2H	0.0111	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	0.0122	SRV+Double+Triple	
	reference	2H	0.0109	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	0.032	SRV+Double+Triple	
	reference	2H	0.0083	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	0.0097	SRV+Double+Triple	
	reference	2H	0.0084	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	0.0022	SRV+Double+Triple	
	reference	2H	0.0012	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	0.0321	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	0.0024	SRV+Double+Triple	