

## RELAX Combined Report

SRV vs SRV+Double vs SRV+Double+Triple

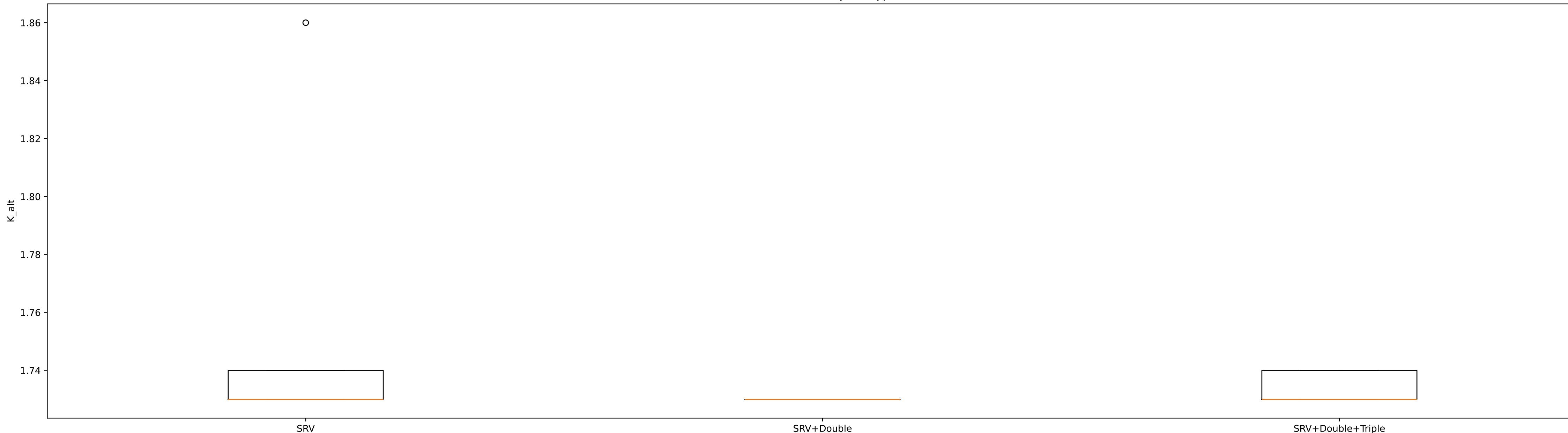
Includes:

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

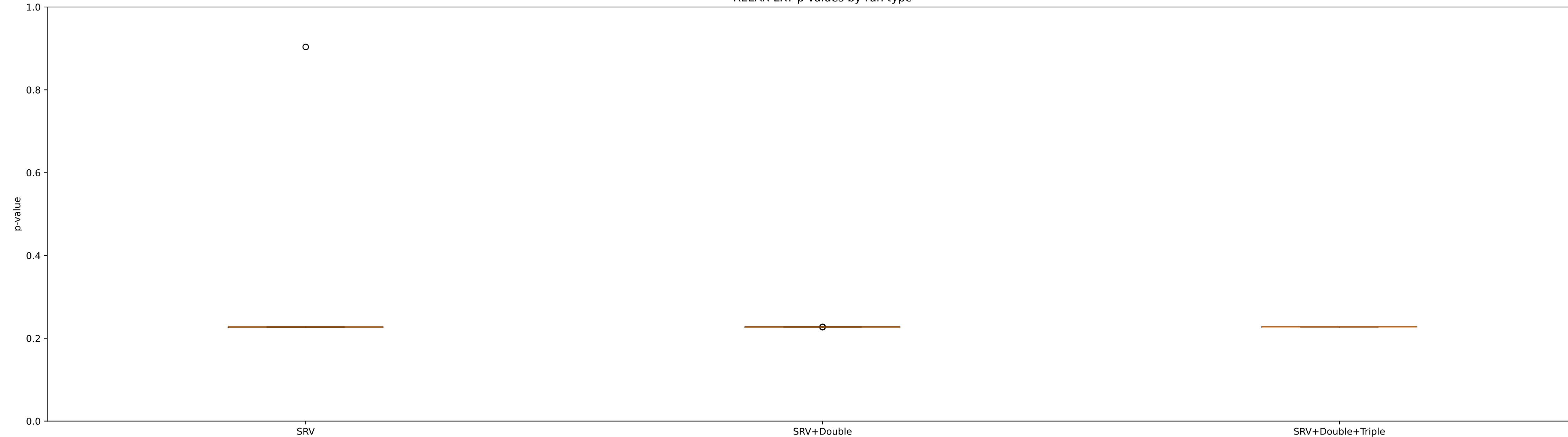
## Run-type summary statistics

p_median	p_min	p_max	K_median	K_min	K_max	omega_ref_medi an	omega_test_medi an	warnings_count	2H_reference_m edian	2H_test_median
0.2272	0.227	0.9036	1.73	1.73	1.86	0.2889	0.1145	10	nan	nan
0.2272	0.2271	0.2274	1.73	1.73	1.73	0.2889	0.1145	10	0.0	0.0
0.2274	0.2271	0.2278	1.73	1.73	1.74	0.2889	0.1145	10	0.0	0.0

K (alternative) by run type



RELAX LRT p-values by run type



2H rates (reference) by run type



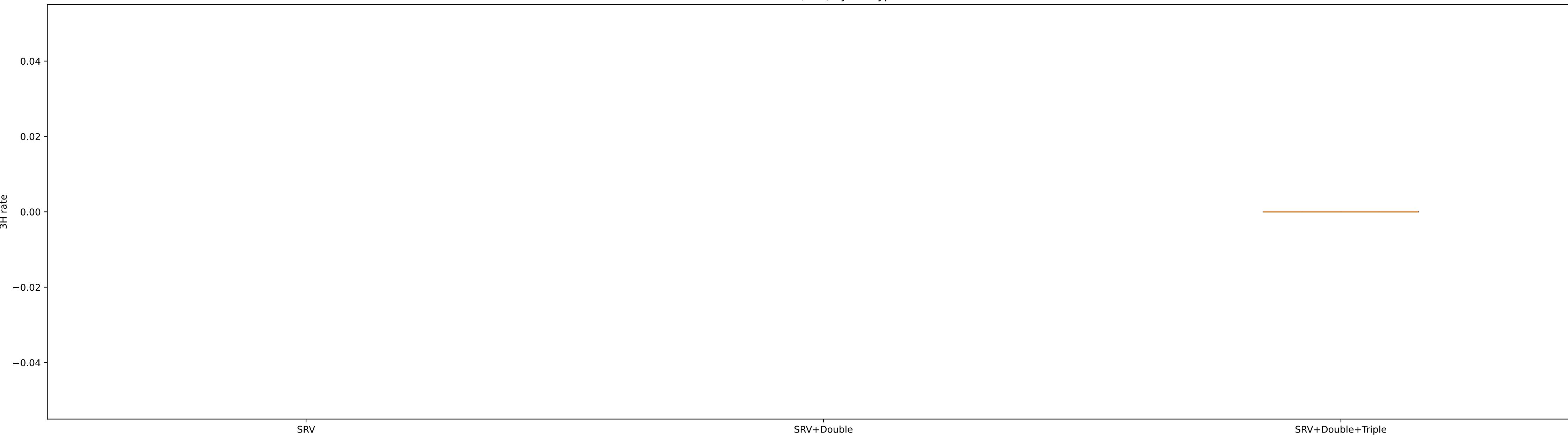
2H rates (test) by run type



3H rates (reference) by run type



3H rates (test) by run type



## Replicate-level summary — SRV (page 1/1)

	<b>replicate</b>	<b>p_value</b>	<b>K_alt</b>	<b>global_dNdS_re ference</b>	<b>global_dNdS_te st</b>
	1	0.227	1.74	0.2889	0.1145
	2	0.2273	1.73	0.2889	0.1145
	3	0.2271	1.73	0.2889	0.1145
	4	0.2271	1.73	0.2889	0.1145
	5	0.2271	1.74	0.2889	0.1145
	6	0.2272	1.73	0.2889	0.1145
	7	0.2272	1.74	0.2889	0.1145
	8	0.2272	1.73	0.2889	0.1145
	9	0.2272	1.73	0.2889	0.1145
	10	0.9036	1.86	0.2889	0.1145

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

	<b>replicate</b>	<b>p_value</b>	<b>K_alt</b>	<b>global_dNdS_re ference</b>	<b>global_dNdS_te st</b>
	1	0.2272	1.73	0.2889	0.1145
	2	0.2272	1.73	0.2889	0.1145
	3	0.2274	1.73	0.2889	0.1145
	4	0.2272	1.73	0.2889	0.1145
	5	0.2273	1.73	0.2889	0.1145
	6	0.2271	1.73	0.2889	0.1145
	7	0.2272	1.73	0.2889	0.1145
	8	0.2272	1.73	0.2889	0.1145
	9	0.2272	1.73	0.2889	0.1145
	10	0.2271	1.73	0.2889	0.1145

	<b>replicate</b>	<b>p_value</b>	<b>K_alt</b>	<b>global_dNdS_re ference</b>	<b>global_dNdS_te st</b>
	1	0.2276	1.73	0.2889	0.1145
	2	0.2272	1.73	0.2889	0.1145
	3	0.2273	1.73	0.2889	0.1145
	4	0.2275	1.73	0.2889	0.1145
	5	0.2278	1.74	0.2889	0.1145
	6	0.2274	1.73	0.2889	0.1145
	7	0.2271	1.74	0.2889	0.1145
	8	0.2276	1.74	0.2889	0.1145
	9	0.2276	1.74	0.2889	0.1145
	10	0.2273	1.73	0.2888	0.1144

			Negative s election	0.112	100.0	SRV+Double
			Negative s election	0.22	0.0	SRV+Double
			Negative s election	0.283	100.0	SRV+Double
			Negative s election	0.417	0.0	SRV+Double
	reference		Diversifyi ng selecti on	<b>Ω-class distributions (all) (cols 1-7/7)</b>		
	reference		Negative s election	0.266	100.0	SRV+Double
	reference		Negative s election	0.324	0.0	SRV+Double
	test		Diversifyi ng selecti on	6.643	0.0	SRV+Double
	test		Negative s election	0.266	100.0	SRV+Double
	test		Negative s election	0.324	0.0	SRV+Double
	reference		Diversifyi ng selecti on	6.088	0.0	SRV+Double
	reference		Negative s election	0.0	0.0	SRV+Double
	reference		Negative s election	0.283	100.0	SRV+Double
	test		Diversifyi ng selecti on	22.787	0.0	SRV+Double
	test		Diversifyi ng selecti on	6.088	0.0	SRV+Double
	test		Negative s election	0.0	0.0	SRV+Double
	test		Negative s election	0.113	100.0	SRV+Double
	test		Negative s election	0.0	0.0	SRV+Double
	test		Negative s election	0.283	100.0	SRV+Double
	reference		Diversifyi ng selecti on	1.515	0.0	SRV+Double
	reference		Negative s election	0.002	0.0	SRV+Double
	reference		Negative s election	0.266	100.0	SRV+Double
	test		Diversifyi ng selecti on	1.515	0.0	SRV+Double
	test		Negative s election	0.002	0.0	SRV+Double
	test		Negative s election	0.266	100.0	SRV+Double
	reference		Diversifyi ng selecti on	4.652	0.0	SRV+Double
	reference		Negative s election	0.0	0.0	SRV+Double
	reference		Negative s election	0.283	100.0	SRV+Double
	test		Diversifyi ng selecti on	14.355	0.0	SRV+Double
	test		Diversifyi ng selecti on	4.652	0.0	SRV+Double
	test		Negative s election	0.0	0.0	SRV+Double
	test		Negative s election	0.112	100.0	SRV+Double
	test		Negative s election	0.0	0.0	SRV+Double
	test		Negative s election	0.283	100.0	SRV+Double
	reference		Diversifyi ng selecti on	1.176	0.0	SRV+Double
	reference		Negative s election	0.002	0.0	SRV+Double
	reference		Negative s election	0.266	100.0	SRV+Double
	test		Diversifyi ng selecti on	1.176	0.0	SRV+Double
	test		Negative s election	0.002	0.0	SRV+Double
	test		Negative s election	0.266	100.0	SRV+Double
	reference		Diversifyi ng selecti on	4.001	0.0	SRV+Double
	reference		Negative s election	0.001	0.0	SRV+Double
	reference		Negative s election	0.283	100.0	SRV+Double
	test		Diversifyi ng selecti on	11.023	0.0	SRV+Double
	test		Diversifyi ng selecti on	4.001	0.0	SRV+Double
	test		Negative s election	0.0	0.0	SRV+Double
	test		Negative s election	0.113	100.0	SRV+Double
	test		Negative s election	0.001	0.0	SRV+Double
	test		Negative s election	12	0.0	SRV+Double
	test		Negative s election	0.283	100.0	SRV+Double
	reference		Diversifyi ng selecti on	1.149	0.0	SRV+Double

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

	<b>class_id</b>	<b>syn_rate</b>	<b>proportion_per cent</b>	<b>run_type</b>	
	1	0.0	30.81	SRV	
	2	0.0	24.291	SRV	
	3	2.227	44.9	SRV	
SRV	1	0.0	55.128	SRV	
	2	0.0	0.0	SRV	
	3	2.229	44.872	SRV	
	1	0.0	55.125	SRV	
	2	0.0	0.0	SRV	
	3	2.228	44.875	SRV	
	1	0.0	55.117	SRV	
	2	0.0	0.0	SRV	
	3	2.228	44.883	SRV	
	1	0.0	55.125	SRV	
	2	0.0	0.0	SRV	
	3	2.228	44.875	SRV	
	1	0.0	55.124	SRV	
	2	0.002	0.0	SRV	
	3	2.228	44.876	SRV	
	1	0.0	21.673	SRV	
	2	0.0	33.447	SRV	
	3	2.228	44.88	SRV	
SRV	1	0.0	55.12	SRV	
	2	0.0	0.0	SRV	
	3	2.228	44.88	SRV	
	1	0.0	54.6	SRV	
	2	0.0	0.519	SRV	
	3	2.228	44.88	SRV	
	1	0.0	42.263	SRV	
	2	0.0	12.807	SRV	
	3	2.226	44.93	SRV	

