

## 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)

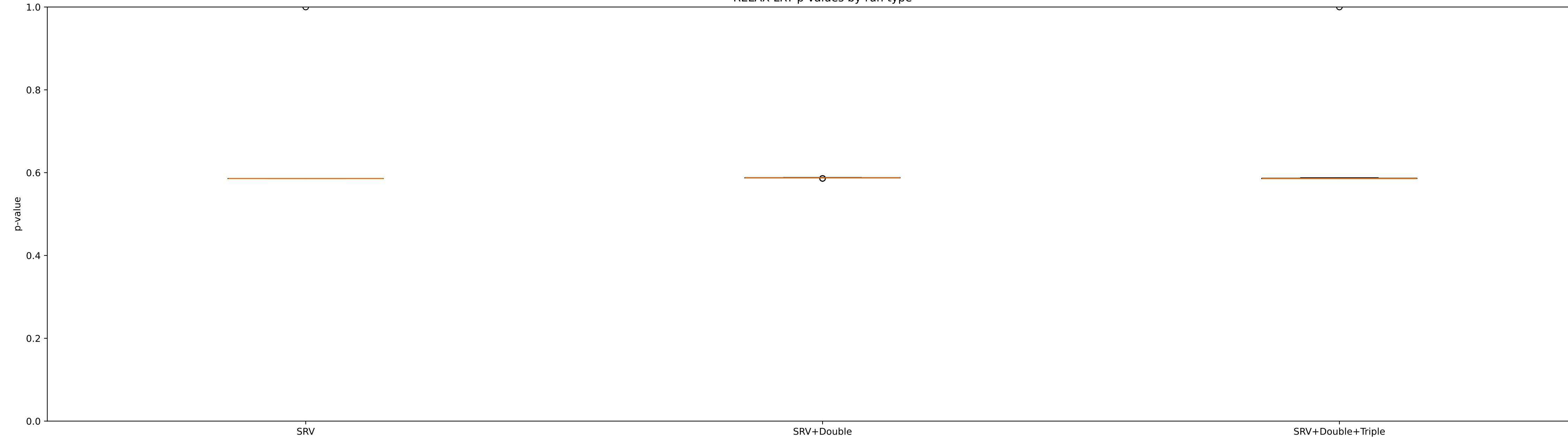
## Run-type summary statistics

<b>p_median</b>	<b>p_min</b>	<b>p_max</b>	<b>K_median</b>	<b>K_min</b>	<b>K_max</b>	<b>omega_ref_medi an</b>	<b>omega_test_medi an</b>	<b>warnings_count</b>	<b>2H_reference_m edian</b>	<b>2H_test_median</b>
0.5857	0.5856	1.0	0.8	0.8	26.18	0.2292	0.3058	10	nan	nan
0.5877	0.586	0.5882	0.8	0.8	0.8	0.2292	0.3058	10	0.0	0.0
0.586	0.5857	1.0	0.8	0.79	0.8	0.2292	0.3058	10	0.0	0.0

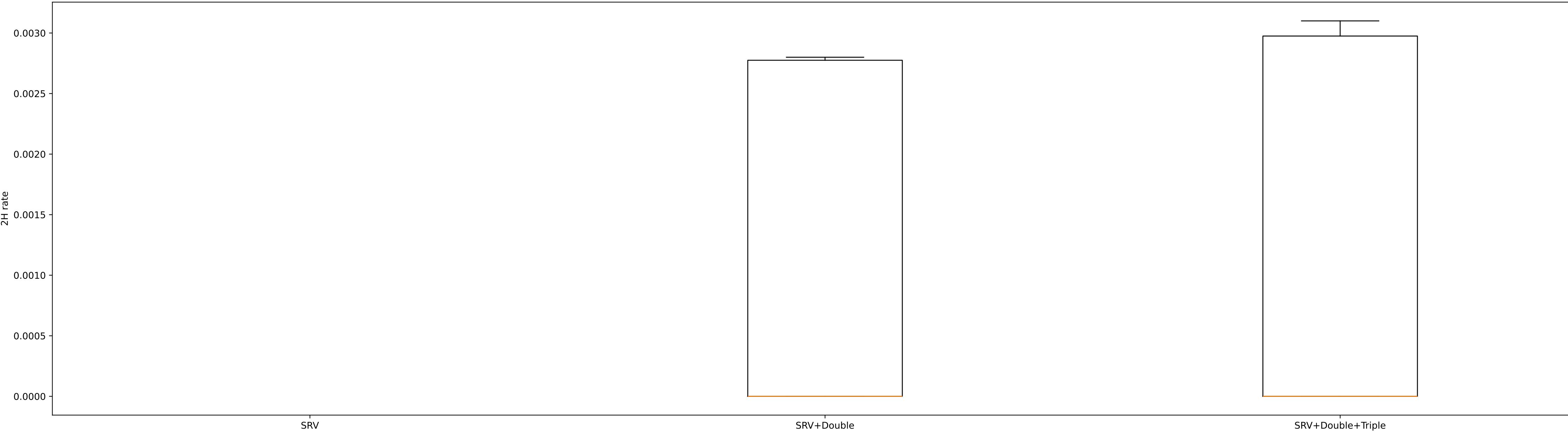
K (alternative) by run type



### RELAX LRT p-values by run type



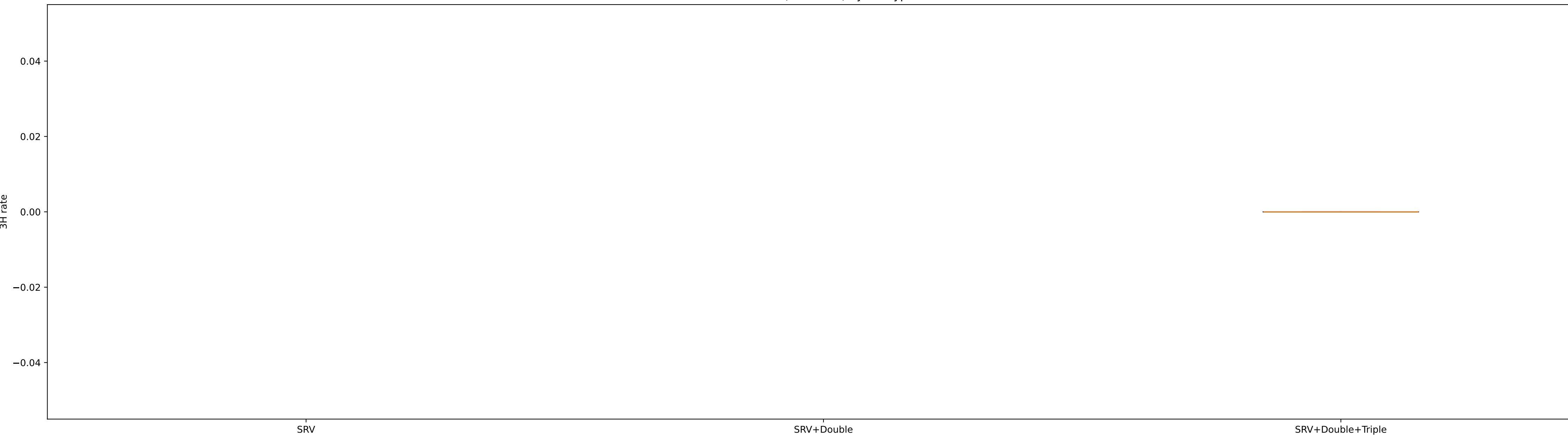
2H rates (reference) by run type



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	0.5857	0.8	0.2292	0.3058
	2	0.5857	0.8	0.2292	0.3058
	3	0.5856	0.8	0.2292	0.3058
	4	1.0	26.18	0.2292	0.3058
	5	0.5858	0.8	0.2292	0.3058
	6	0.5857	0.8	0.2292	0.3058
	7	0.5859	0.8	0.2292	0.3058
	8	0.5858	0.8	0.2292	0.3058
	9	0.5857	0.8	0.2292	0.3058
	10	0.5857	0.8	0.2292	0.3058

## 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	0.5874	0.8	0.2292	0.3058
	2	0.5882	0.8	0.2292	0.3058
	3	0.586	0.8	0.2292	0.3058
	4	0.5879	0.8	0.2292	0.3058
	5	0.5881	0.8	0.2292	0.3058
	6	0.5861	0.8	0.2292	0.3058
	7	0.5875	0.8	0.2292	0.3058
	8	0.588	0.8	0.2292	0.3058
	9	0.5877	0.8	0.2292	0.3058
	10	0.5877	0.8	0.2292	0.3058

## Replicate-level summary — SRV+Double+Triple (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	0.5857	0.8	0.2292	0.3058
	2	0.5862	0.8	0.2292	0.3058
	3	0.5867	0.8	0.2292	0.3058
	4	0.586	0.79	0.2292	0.3058
	5	0.5857	0.8	0.2292	0.3058
	6	0.5877	0.8	0.2292	0.3058
	7	0.5857	0.8	0.2292	0.3058
	8	0.5859	0.8	0.2292	0.3058
	9	1.0	0.79	0.2292	0.3058
	10	0.586	0.8	0.2292	0.3058

	test	Negative selection	0.264	25.462	SRV+Double
	test	Negative selection	0.32	74.538	SRV+Double
	test	Negative selection	0.188	25.462	SRV+Double
	test	Negative selection	0.239	74.538	SRV+Double
	reference	Diversifying selection	0.0	SRV+Double	
	reference	Negative selection	0.207	23.197	SRV+Double
	reference	Negative selection	0.239	76.803	SRV+Double
	test	Diversifying selection	1.155	0.0	SRV+Double
	test	Negative selection	0.207	23.197	SRV+Double
	test	Negative selection	0.239	76.803	SRV+Double
	reference	Diversifying selection	1.026	0.0	SRV+Double
	reference	Negative selection	0.193	43.381	SRV+Double
	reference	Negative selection	0.251	56.619	SRV+Double
	test	Diversifying selection	1.02	0.0	SRV+Double
	test	Diversifying selection	1.026	0.0	SRV+Double
	test	Negative selection	0.27	43.381	SRV+Double
	test	Negative selection	0.333	56.619	SRV+Double
	test	Negative selection	0.193	43.381	SRV+Double
	test	Negative selection	0.251	56.619	SRV+Double
	reference	Diversifying selection	1.08	0.0	SRV+Double
	reference	Negative selection	0.206	42.259	SRV+Double
	reference	Negative selection	0.251	57.741	SRV+Double
	test	Diversifying selection	1.08	0.0	SRV+Double
	test	Negative selection	0.206	42.259	SRV+Double
	test	Negative selection	0.251	57.741	SRV+Double
	reference	Diversifying selection	1.019	0.0	SRV+Double
	reference	Negative selection	0.204	2.524	SRV+Double
	reference	Negative selection	0.227	97.476	SRV+Double
	test	Diversifying selection	1.015	0.0	SRV+Double
	test	Diversifying selection	1.019	0.0	SRV+Double
	test	Negative selection	0.282	2.524	SRV+Double
	test	Negative selection	0.306	97.476	SRV+Double
	test	Negative selection	0.204	2.524	SRV+Double
	test	Negative selection	0.227	97.476	SRV+Double
	reference	Diversifying selection	1.176	0.0	SRV+Double
	reference	Negative selection	0.229	7.964	SRV+Double
	reference	Negative selection	0.232	92.036	SRV+Double
	test	Diversifying selection	1.176	0.0	SRV+Double
	test	Negative selection	0.229	7.964	SRV+Double
	test	Negative selection	0.232	92.036	SRV+Double
	reference	Diversifying selection	1.261	0.0	SRV+Double
	reference	Negative selection	0.188	19.456	SRV+Double
	reference	Negative selection	0.235	80.544	SRV+Double
	test	Diversifying selection	1.203	0.0	SRV+Double
	test	Diversifying selection	1.261	0.0	SRV+Double
	test	Negative selection	0.265	19.456	SRV+Double
	test	Negative selection	0.316	80.544	SRV+Double
	test	Negative selection	0.188	19.456	SRV+Double
	test	Negative selection	12	SRV+Double	
	test	Diversifying selection	0.235	80.544	SRV+Double
	reference	Negative selection	1.233	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	50.405	SRV	
	2	1.827	0.0	SRV	
	3	2.016	49.595	SRV	
SRV	1	0.0	13.525	SRV	
	2	0.0	36.879	SRV	
	3	2.016	49.596	SRV	
	1	0.0	14.924	SRV	
	2	0.0	35.478	SRV	
	3	2.016	49.598	SRV	
	1	0.0	13.024	SRV	
	2	0.0	37.383	SRV	
	3	2.016	49.594	SRV	
	1	0.0	8.409	SRV	
	2	0.0	41.996	SRV	
	3	2.016	49.596	SRV	
	1	0.0	11.987	SRV	
	2	0.0	38.417	SRV	
	3	2.016	49.596	SRV	
	1	0.0	50.404	SRV	
	2	2.016	20.075	SRV	
	3	2.016	29.521	SRV	
SRV	1	0.0	10.191	SRV	
	2	0.0	40.213	SRV	
	3	2.016	49.596	SRV	
	1	0.0	10.635	SRV	
	2	0.0	39.768	SRV	
	3	2.016	49.597	SRV	
	1	0.0	12.463	SRV	
	2	0.0	37.941	SRV	
	3	2.016	49.596	SRV	

