

## RELAX Combined Report

SRV vs SRV+Double vs SRV+Double+Triple

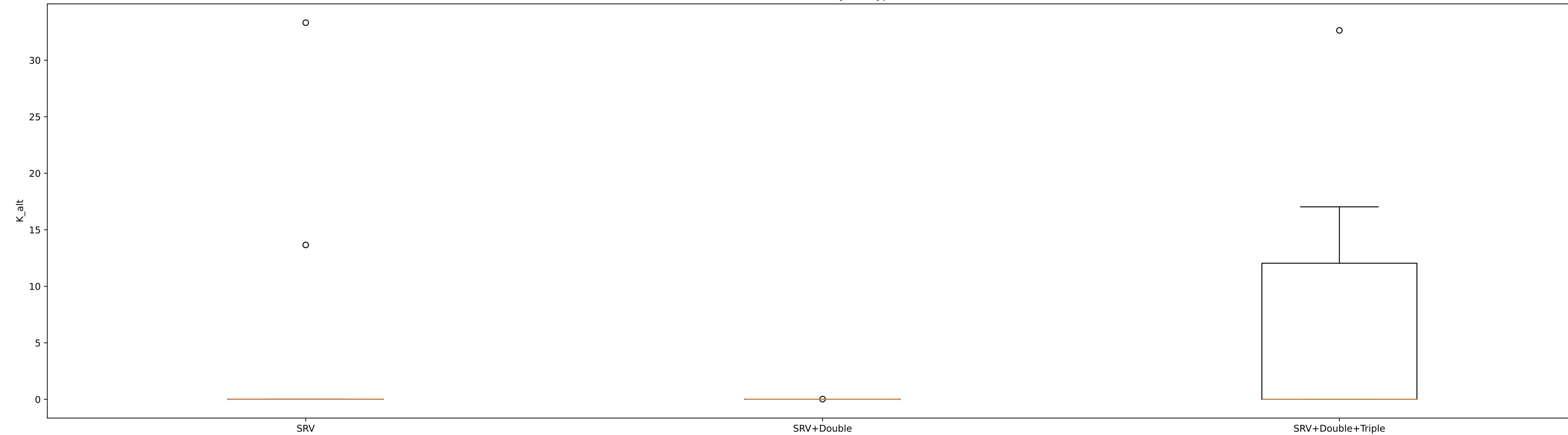
Includes:

- 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>
0.1424	0.1424	1.0	0.01	0.01	33.32	0.2245	0.9684	10	nan	nan
0.1426	0.1424	0.1428	0.01	0.01	0.02	0.2245	0.9684	10	0.0	0.0
0.1424	0.1424	1.0	0.015	0.01	32.64	0.2245	0.9684	10	0.0	0.0

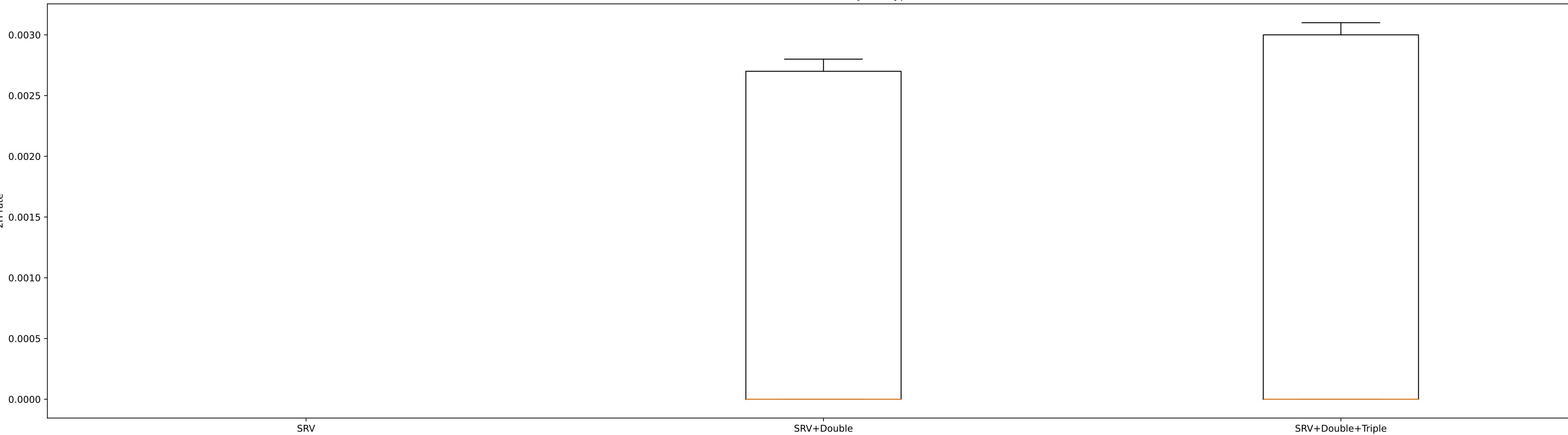
K (alternative) by run type



### RELAX LRT p-values by run type



2H rates (reference) by run type



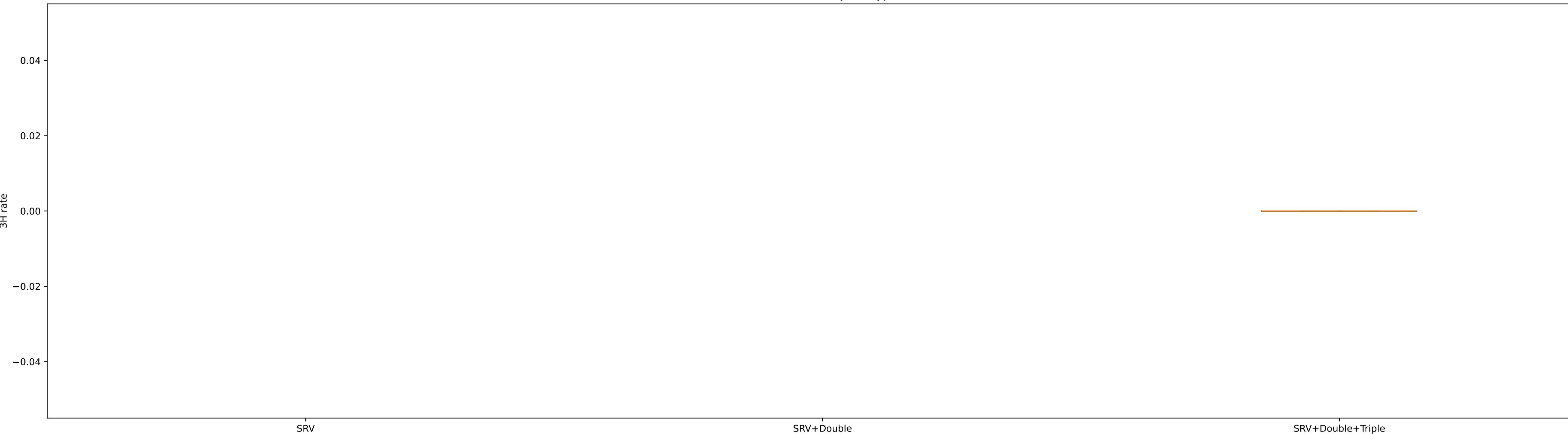
2H rates (test) by run type



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	0.1424	13.66	0.2245	0.9684
	2	0.1424	0.01	0.2245	0.9684
	3	1.0	33.32	0.2245	0.9684
	4	0.1425	0.01	0.2245	0.9684
	5	0.1424	0.02	0.2245	0.9684
	6	0.1424	0.01	0.2245	0.9684
	7	0.1424	0.01	0.2245	0.9684
	8	0.1425	0.02	0.2245	0.9684
	9	0.1425	0.01	0.2245	0.9684
	10	0.1424	0.01	0.2245	0.9684

## 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	0.1428	0.01	0.2245	0.9684
	2	0.1428	0.01	0.2245	0.9684
	3	0.1424	0.01	0.2245	0.9684
	4	0.1428	0.01	0.2245	0.9684
	5	0.1426	0.01	0.2245	0.9684
	6	0.1424	0.02	0.2245	0.9684
	7	0.1426	0.01	0.2245	0.9684
	8	0.1424	0.01	0.2245	0.9684
	9	0.1427	0.01	0.2245	0.9684
	10	0.1427	0.01	0.2245	0.9684

## 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	0.1425	0.01	0.2245	0.9684
	2	0.1426	0.01	0.2245	0.9684
	3	1.0	32.64	0.2245	0.9684
	4	0.1424	0.02	0.2245	0.9684
	5	0.1424	0.01	0.2245	0.9684
	6	0.1424	17.03	0.2245	0.9684
	7	0.1424	0.01	0.2245	0.9684
	8	0.1425	0.01	0.2245	0.9684
	9	0.1424	16.05	0.2245	0.9684
	10	0.1425	0.02	0.2245	0.9684

	test	Negative selection	0.978	27.019	SRV+Double
	test	Negative selection	0.981	72.981	SRV+Double
	test	Negative selection	0.185	27.019	SRV+Double
	test	Negative selection	0.235	72.981	SRV+Double
	reference	Diversifying selection	0.0	SRV+Double	
	reference	Negative selection	0.203	18.76	SRV+Double
	reference	Negative selection	0.238	81.24	SRV+Double
	test	Negative selection	1.085	0.0	SRV+Double
	test	Negative selection	0.203	18.76	SRV+Double
	test	Negative selection	0.238	81.24	SRV+Double
	reference	Diversifying selection	0.0	SRV+Double	
	reference	Negative selection	0.196	19.416	SRV+Double
	reference	Negative selection	0.228	80.584	SRV+Double
	test	Negative selection	1.001	0.0	SRV+Double
	test	Diversifying selection	0.058	0.0	SRV+Double
	test	Negative selection	0.976	19.416	SRV+Double
	test	Negative selection	0.978	80.584	SRV+Double
	test	Negative selection	0.196	19.416	SRV+Double
	test	Negative selection	0.228	80.584	SRV+Double
	reference	Diversifying selection	0.221	0.0	SRV+Double
	reference	Negative selection	0.18	0.0	SRV+Double
	reference	Negative selection	0.232	100.0	SRV+Double
	test	Negative selection	1.221	0.0	SRV+Double
	test	Negative selection	0.18	0.0	SRV+Double
	test	Negative selection	0.232	100.0	SRV+Double
	reference	Diversifying selection	1.322	0.0	SRV+Double
	reference	Negative selection	0.218	46.719	SRV+Double
	reference	Negative selection	0.225	53.281	SRV+Double
	test	Diversifying selection	1.004	0.0	SRV+Double
	test	Diversifying selection	1.322	0.0	SRV+Double
	test	Negative selection	0.976	46.719	SRV+Double
	test	Negative selection	0.976	53.281	SRV+Double
	test	Negative selection	0.218	46.719	SRV+Double
	test	Negative selection	0.225	53.281	SRV+Double
	reference	Diversifying selection	1.085	0.0	SRV+Double
	reference	Negative selection	0.227	86.36	SRV+Double
	reference	Negative selection	0.257	13.64	SRV+Double
	test	Diversifying selection	1.085	0.0	SRV+Double
	test	Negative selection	0.227	86.36	SRV+Double
	test	Negative selection	0.257	13.64	SRV+Double
	reference	Diversifying selection	1.052	0.0	SRV+Double
	reference	Negative selection	0.192	40.519	SRV+Double
	reference	Negative selection	0.242	59.481	SRV+Double
	test	Diversifying selection	1.001	0.0	SRV+Double
	test	Diversifying selection	1.052	0.0	SRV+Double
	test	Negative selection	0.98	40.519	SRV+Double
	test	Negative selection	0.983	59.481	SRV+Double
	test	Negative selection	0.192	40.519	SRV+Double
	test	Negative selection	12	59.481	SRV+Double
	test	Negative selection	0.242	59.481	SRV+Double
	reference	Diversifying selection	1.079	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	15.135	SRV	
	2	0.0	35.27	SRV	
	3	2.016	49.595	SRV	
SRV	1	0.0	13.56	SRV	
	2	0.0	36.844	SRV	
	3	2.016	49.597	SRV	
	1	0.0	1.814	SRV	
	2	0.0	48.588	SRV	
	3	2.016	49.598	SRV	
	1	0.0	10.604	SRV	
	2	0.0	39.802	SRV	
	3	2.016	49.594	SRV	
	1	0.0	14.905	SRV	
	2	0.0	35.497	SRV	
	3	2.016	49.598	SRV	
	1	0.0	14.07	SRV	
	2	0.0	36.33	SRV	
	3	2.016	49.599	SRV	
	1	0.0	13.59	SRV	
	2	0.0	36.811	SRV	
	3	2.016	49.599	SRV	
	1	0.0	13.987	SRV	
	2	0.0	36.416	SRV	
	3	2.016	49.597	SRV	
	1	0.0	50.405	SRV	
	2	2.016	21.659	SRV	
	3	2.016	27.936	SRV	
	1	0.0	13.402	SRV	
	2	0.0	36.999	SRV	
	3	2.016	49.599	SRV	

