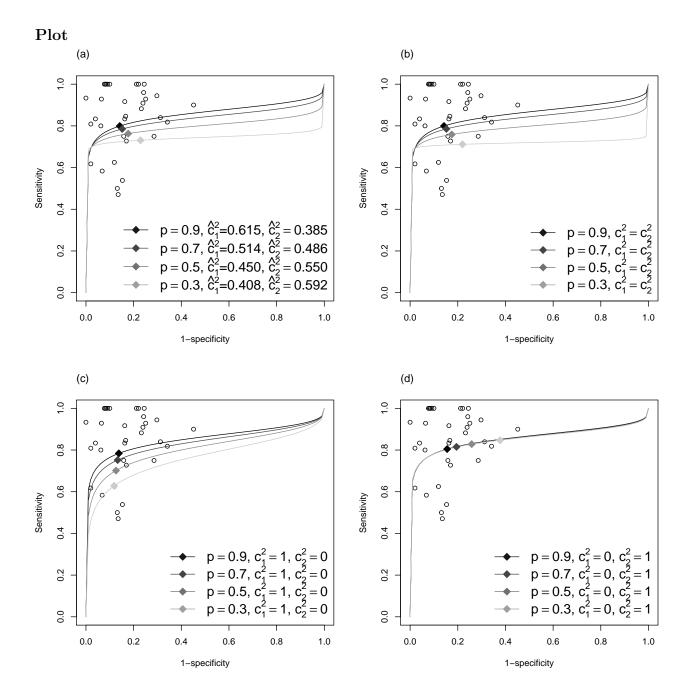
## Example: IVD and Lymnode

Figure 1-2 and Table S26-27  $\,$ 

Yi 2021-04-12



## Estimates

Table 1: data-1

$ \begin{array}{c c c c c c c c c c c c c c c c c c c $		~						2	2				
0.9     0.861     -0.024     2.303     0.544     0.260     -0.376     0.053     0.947     2.000     -2.342     0.494     0.909       0.8     0.849     0.0125     2.208     0.549     0.302     -0.407     0.034     0.966     2.000     -3.282     0.550     0.891       0.6     0.832     0.219     1.981     0.637     0.440     -0.529     0.000     1.000     1.310     -2.803     0.554     0.879       0.5     0.822     0.328     1.833     0.680     0.528     -0.599     0.000     1.000     1.213     -3.66     0.661     0.838       0.3     0.799     0.680     1.362     0.849     0.847     -0.848     0.000     1.000     1.129     -3.206     0.664     0.838       0.1     0.846     0.163     2.044     0.254     -0.365     0.000     1.000     1.181     1.591     0.541     0.886       1     0.866     -0.075     2.329     0.555     0.242     -0.	<i>p</i>	SAUC	$\mu_1$	$\mu_2$	$ au_1$	$ au_2$	$ au_{12}$	$c_1^2$	$c_2^2$	β	$\alpha_p$	se	$\operatorname{sp}$
0.8     0.849     0.025     2.208     0.549     0.302     -0.407     0.034     0.966     2.000     -3.282     0.506     0.901       0.7     0.840     0.110     2.103     0.583     0.365     -0.461     0.007     0.993     1.573     -3.024     0.527     0.891       0.6     0.832     0.219     1.981     0.637     0.440     -0.529     0.000     1.000     1.213     -3.065     0.616     0.838       0.4     0.811     0.471     1.642     0.744     0.650     -0.695     0.000     1.000     1.213     -3.065     0.616     0.838       0.3     0.799     0.680     1.362     0.849     0.847     -0.848     0.000     1.000     1.193     -3.065     0.616     0.836       0.1     0.864     0.163     2.341     0.545     0.245     -0.366     0.000     1.000     0.181     -1.862     0.540     0.886       0.9     0.864     -0.039     2.321     0.555     0	1	0.866	-0.039	2.341	0.545	0.245	-0.365					0.490	0.912
0.7     0.840     0.110     2.103     0.583     0.365     -0.461     0.007     0.993     1.573     -3.024     0.527     0.891       0.6     0.8322     0.238     1.833     0.680     0.528     -0.599     0.000     1.000     1.251     -2.941     0.581     0.862       0.4     0.811     0.471     1.642     0.744     0.650     -0.695     0.000     1.000     1.213     -3.065     0.616     0.838       0.3     0.799     0.680     1.362     0.849     0.847     -0.848     0.000     1.000     1.199     -3.206     0.664     0.796       0.2     0.846     0.163     2.046     0.529     0.268     -0.366     0.000     1.000     0.111     1.862     0.540     0.866     -0.075     2.322     0.550     0.242     -0.367     0.55     0.5     0.420     0.448     0.441     0.861     0.911       0.8     0.862     -0.099     2.322     0.555     0.242     -0.367     <	0.9	0.861	-0.024	2.303	0.544	0.260	-0.376	0.053	0.947	2.000	-2.342	0.494	0.909
0.6     0.832     0.219     1.981     0.637     0.440     -0.529     0.000     1.000     1.254     -2.941     0.581     0.879       0.5     0.822     0.328     1.833     0.680     0.528     -0.599     0.000     1.000     1.254     -2.941     0.581     0.862       0.3     0.799     0.680     1.362     0.849     0.847     -0.848     0.000     1.000     1.199     -3.206     0.664     0.796       0.2     0.846     0.163     2.046     0.529     0.254     -0.366     0.000     1.000     0.238     -1.591     0.541     0.886       0.1     0.864     -0.075     2.329     0.555     0.242     -0.366     0.5     0.5     0.420     0.448     0.481     0.911       0.9     0.864     -0.075     2.329     0.555     0.242     -0.366     0.5     0.5     0.420     0.448     0.481     0.911       0.7     0.860     -0.116     2.317     0.560     0.242 <td>0.8</td> <td>0.849</td> <td>0.025</td> <td>2.208</td> <td>0.549</td> <td>0.302</td> <td>-0.407</td> <td>0.034</td> <td>0.966</td> <td>2.000</td> <td>-3.282</td> <td>0.506</td> <td>0.901</td>	0.8	0.849	0.025	2.208	0.549	0.302	-0.407	0.034	0.966	2.000	-3.282	0.506	0.901
0.5     0.822     0.328     1.833     0.680     0.528     -0.599     0.000     1.000     1.254     -2.941     0.581     0.862       0.4     0.811     0.471     1.642     0.744     0.650     -0.695     0.000     1.000     1.213     -3.066     0.616     0.838       0.3     0.799     0.680     1.362     0.847     -0.848     0.847     -0.848     0.000     1.000     1.99     -3.206     0.664     0.796       0.1     0.846     0.163     2.046     0.529     0.252     0.364     0.000     1.000     0.181     1.862     0.540     0.866       0.1     0.866     -0.039     2.341     0.545     0.242     -0.365     0.5     0.5     0.540     0.448     0.441     0.911       0.8     0.862     -0.079     2.322     0.559     0.242     -0.368     0.5     0.5     0.51     0.910     0.448     0.447     0.910       0.5     0.860     -0.116     2.317	0.7	0.840	0.110	2.103	0.583	0.365	-0.461	0.007	0.993	1.573	-3.024	0.527	0.891
0.4     0.811     0.471     1.642     0.744     0.650     -0.695     0.000     1.000     1.213     -3.065     0.616     0.838       0.3     0.799     0.680     1.362     0.849     0.847     -0.848     0.000     1.000     1.199     -3.206     0.664     0.796       0.2     0.846     0.163     2.046     0.529     0.268     -0.376     0.000     1.000     0.238     -1.591     0.541     0.886       1     0.866     -0.039     2.341     0.545     0.245     -0.365     -0.5     0.5     0.420     0.448     0.481     0.911       0.8     0.862     -0.099     2.322     0.555     0.242     -0.367     0.5     0.5     0.420     0.448     0.411     0.911       0.8     0.0862     -0.099     2.322     0.559     0.243     -0.368     0.5     0.5     0.297     -0.133     0.471     0.910       0.5     0.859     -0.127     2.313     0.559     0.243	0.6	0.832	0.219	1.981	0.637	0.440	-0.529	0.000	1.000	1.310	-2.803	0.554	0.879
0.3     0.799     0.680     1.362     0.849     0.847     -0.848     0.000     1.000     1.199     -3.266     0.664     0.786       0.2     0.846     0.163     2.046     0.529     0.268     -0.364     0.000     1.000     0.238     -1.591     0.586     0.866       1     0.866     -0.039     2.341     0.545     0.245     -0.365     0.5     0.420     0.448     0.491     0.990       0.9     0.864     -0.075     2.329     0.555     0.242     -0.367     0.5     0.5     0.420     0.448     0.481     0.911       0.8     0.862     -0.099     2.322     0.559     0.242     -0.368     0.5     0.5     0.297     -0.133     0.471     0.910       0.5     0.858     -0.127     2.313     0.559     0.243     -0.368     0.5     0.5     0.297     -0.132     0.468     0.910       0.5     0.858     -0.127     2.313     0.551     0.244     -0.368	0.5	0.822	0.328	1.833	0.680	0.528	-0.599	0.000	1.000	1.254	-2.941	0.581	0.862
0.2     0.846     0.163     2.046     0.529     0.268     -0.376     0.000     1.000     0.238     -1.591     0.541     0.886       0.1     0.847     0.160     2.050     0.520     0.254     -0.364     0.000     1.000     0.181     -1.862     0.540     0.886       1     0.866     -0.039     2.341     0.545     0.242     -0.367     0.5     0.5     0.420     0.448     0.481     0.911       0.8     0.862     -0.099     2.322     0.559     0.242     -0.367     0.5     0.5     0.351     0.094     0.475     0.911       0.7     0.860     -0.116     2.317     0.560     0.242     -0.368     0.5     0.5     0.297     -0.133     0.471     0.910       0.6     0.859     -0.127     2.313     0.557     0.243     -0.368     0.5     0.5     0.249     -0.312     0.468     0.910       0.4     0.858     -0.125     2.313     0.557     0.243		0.811	0.471	1.642	0.744	0.650	-0.695	0.000	1.000	1.213	-3.065	0.616	0.838
0.1     0.847     0.160     2.050     0.520     0.254     -0.364     0.000     1.000     0.181     -1.862     0.540     0.886       1     0.866     -0.039     2.341     0.545     0.245     -0.367     0.5     0.5     0.420     0.448     0.481     0.911       0.8     0.862     -0.099     2.322     0.559     0.242     -0.367     0.5     0.5     0.351     0.094     0.475     0.911       0.7     0.860     -0.116     2.317     0.560     0.242     -0.368     0.5     0.5     0.297     -0.133     0.471     0.910       0.6     0.859     -0.127     2.313     0.557     0.243     -0.368     0.5     0.5     0.291     -0.468     0.467     0.910       0.5     0.858     -0.130     2.311     0.557     0.243     -0.368     0.5     0.5     0.201     -0.468     0.467     0.910       0.3     0.860     -0.108     2.313     0.554     0.244     <		0.799		1.362		0.847		0.000	1.000		-3.206		0.796
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$		0.846		2.046		0.268		0.000	1.000	0.238	-1.591		0.886
0.9     0.864     -0.075     2.329     0.555     0.242     -0.367     0.5     0.5     0.420     0.448     0.481     0.911       0.8     0.862     -0.099     2.322     0.559     0.242     -0.368     0.5     0.5     0.351     0.094     0.475     0.911       0.6     0.859     -0.112     2.313     0.559     0.243     -0.368     0.5     0.5     0.249     -0.312     0.468     0.910       0.5     0.858     -0.130     2.311     0.557     0.243     -0.368     0.5     0.5     0.249     -0.312     0.468     0.910       0.4     0.858     -0.125     2.313     0.551     0.244     -0.368     0.5     0.5     0.201     -0.468     0.469     0.910       0.3     0.860     -0.109     2.318     0.551     0.245     -0.367     0.5     0.5     0.151     -0.772     0.473     0.910       0.1     0.866     -0.039     2.341     0.545     0.245 <t< td=""><td>0.1</td><td>0.847</td><td>0.160</td><td>2.050</td><td>0.520</td><td>0.254</td><td>-0.364</td><td>0.000</td><td>1.000</td><td>0.181</td><td>-1.862</td><td>0.540</td><td>0.886</td></t<>	0.1	0.847	0.160	2.050	0.520	0.254	-0.364	0.000	1.000	0.181	-1.862	0.540	0.886
0.8     0.862     -0.099     2.322     0.559     0.242     -0.367     0.5     0.5     0.351     0.094     0.475     0.911       0.7     0.860     -0.116     2.317     0.560     0.242     -0.368     0.5     0.5     0.297     -0.133     0.471     0.910       0.5     0.859     -0.127     2.313     0.559     0.243     -0.368     0.5     0.5     0.291     -0.468     0.497       0.4     0.858     -0.130     2.311     0.557     0.243     -0.368     0.5     0.5     0.501     -0.615     0.469     0.910       0.3     0.860     -0.109     2.318     0.551     0.245     -0.367     0.5     0.5     0.101     -0.772     0.473     0.910       0.2     0.862     -0.086     2.325     0.548     0.245     -0.367     0.5     0.5     0.055     -0.979     0.479     0.911       0.1     0.866     -0.039     2.341     0.545     0.245     -0.365	1	0.866	-0.039	2.341	0.545	0.245	-0.365					0.490	0.912
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	0.9	0.864	-0.075	2.329	0.555	0.242	-0.367	0.5	0.5	0.420	0.448	0.481	0.911
0.6     0.859     -0.127     2.313     0.559     0.243     -0.368     0.5     0.5     0.249     -0.312     0.468     0.910       0.5     0.858     -0.130     2.311     0.557     0.243     -0.368     0.5     0.5     0.201     -0.468     0.467     0.910       0.4     0.858     -0.125     2.313     0.554     0.244     -0.368     0.5     0.5     0.152     -0.615     0.469     0.910       0.3     0.860     -0.109     2.318     0.551     0.245     -0.367     0.5     0.5     0.101     -0.772     0.473     0.910       0.2     0.862     -0.086     2.325     0.548     0.245     -0.366     0.5     0.5     0.055     -0.979     0.477     0.483     0.911       1     0.866     -0.039     2.341     0.545     0.245     -0.365     1     0     2.000     5.928     0.435     0.920       0.8     0.874     -0.535     2.566     1.229     0.3	0.8	0.862	-0.099	2.322	0.559	0.242	-0.367	0.5	0.5	0.351	0.094	0.475	0.911
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	0.7	0.860	-0.116	2.317	0.560	0.242	-0.368	0.5	0.5	0.297	-0.133	0.471	0.910
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	0.6	0.859	-0.127	2.313	0.559	0.243	-0.368	0.5	0.5	0.249	-0.312	0.468	0.910
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	0.5	0.858	-0.130	2.311	0.557	0.243	-0.368	0.5	0.5	0.201	-0.468	0.467	0.910
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	0.4	0.858	-0.125	2.313	0.554	0.244	-0.368	0.5	0.5	0.152	-0.615	0.469	0.910
0.1     0.863     -0.066     2.332     0.547     0.245     -0.366     0.5     0.5     0.026     -1.347     0.483     0.911       1     0.866     -0.039     2.341     0.545     0.245     -0.365     0.020     5.928     0.435     0.920       0.8     0.874     -0.535     2.566     1.229     0.381     -0.684     1     0     2.000     5.445     0.369     0.929       0.7     0.866     -0.039     2.341     0.545     0.245     -0.365     1     0     0.000     5.545     0.490     0.912       0.6     0.866     -0.039     2.341     0.545     0.245     -0.365     1     0     0.000     0.524     0.490     0.912       0.5     0.866     -0.039     2.341     0.545     0.245     -0.365     1     0     0.000     -0.253     0.490     0.912       0.4     0.866     -0.039     2.341     0.545     0.245     -0.365     1     0 <t< td=""><td>0.3</td><td>0.860</td><td>-0.109</td><td>2.318</td><td>0.551</td><td>0.245</td><td>-0.367</td><td>0.5</td><td>0.5</td><td>0.101</td><td>-0.772</td><td>0.473</td><td>0.910</td></t<>	0.3	0.860	-0.109	2.318	0.551	0.245	-0.367	0.5	0.5	0.101	-0.772	0.473	0.910
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	0.2	0.862	-0.086	2.325	0.548	0.245	-0.367	0.5	0.5	0.055	-0.979	0.479	0.911
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	0.1	0.863	-0.066	2.332	0.547	0.245	-0.366	0.5	0.5	0.026	-1.347	0.483	0.911
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	1	0.866	-0.039	2.341	0.545	0.245	-0.365					0.490	0.912
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	0.9	0.871	-0.261	2.443	0.858	0.310	-0.516	1	0	2.000	5.928	0.435	0.920
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	0.8	0.874	-0.535	2.566	1.229	0.381	-0.684		0	2.000	5.445	0.369	0.929
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	0.7	0.866	-0.039	2.341	0.545	0.245	-0.365	1	0	0.000	0.524	0.490	0.912
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	0.6	0.866	-0.039	2.341	0.545	0.245	-0.365	1	0	0.000	0.253	0.490	0.912
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	0.5	0.866	-0.039	2.341	0.545	0.245	-0.365	1	0	0.000	-0.000	0.490	0.912
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	0.4	0.866	-0.039	2.341	0.545	0.245	-0.365	1	0	0.000	-0.253	0.490	0.912
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	0.3	0.866	-0.039	2.341	0.545	0.245	-0.365	1	0	0.000	-0.524	0.490	0.912
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	0.2	0.866	-0.039	2.341	0.545	0.245	-0.365	1	0	0.000	-0.842	0.490	0.912
0.9   0.859   -0.001   2.287   0.561   0.278   -0.395   0   1   1.640   -1.794   0.500   0.908     0.8   0.851   0.056   2.205   0.579   0.319   -0.430   0   1   1.447   -2.289   0.514   0.901     0.7   0.842   0.130   2.102   0.604   0.373   -0.475   0   1   1.376   -2.611   0.532   0.891     0.6   0.832   0.219   1.981   0.637   0.440   -0.529   0   1   1.310   -2.803   0.554   0.879     0.5   0.822   0.328   1.833   0.680   0.528   -0.599   0   1   1.254   -2.941   0.581   0.862     0.4   0.811   0.471   1.642   0.744   0.650   -0.695   0   1   1.213   -3.065   0.616   0.838     0.3   0.799   0.680   1.362   0.849   0.847   -0.848   0   1   1.200   -3.210   0.664   0.796     0.2   0.846 </td <td>0.1</td> <td>0.866</td> <td>-0.039</td> <td>2.341</td> <td>0.545</td> <td>0.245</td> <td>-0.365</td> <td>1</td> <td>0</td> <td>0.000</td> <td>-1.282</td> <td>0.490</td> <td>0.912</td>	0.1	0.866	-0.039	2.341	0.545	0.245	-0.365	1	0	0.000	-1.282	0.490	0.912
0.8 0.851 0.056 2.205 0.579 0.319 -0.430 0 1 1.447 -2.289 0.514 0.901   0.7 0.842 0.130 2.102 0.604 0.373 -0.475 0 1 1.376 -2.611 0.532 0.891   0.6 0.832 0.219 1.981 0.637 0.440 -0.529 0 1 1.310 -2.803 0.554 0.879   0.5 0.822 0.328 1.833 0.680 0.528 -0.599 0 1 1.254 -2.941 0.581 0.862   0.4 0.811 0.471 1.642 0.744 0.650 -0.695 0 1 1.213 -3.065 0.616 0.838   0.3 0.799 0.680 1.362 0.849 0.847 -0.848 0 1 1.200 -3.210 0.664 0.796   0.2 0.846 0.163 2.046 0.529 0.268 -0.376 0 1 0.238 -1.591 0.541 0.886	1	0.866	-0.039	2.341	0.545	0.245	-0.365					0.490	0.912
0.8   0.851   0.056   2.205   0.579   0.319   -0.430   0   1   1.447   -2.289   0.514   0.901     0.7   0.842   0.130   2.102   0.604   0.373   -0.475   0   1   1.376   -2.611   0.532   0.891     0.6   0.832   0.219   1.981   0.637   0.440   -0.529   0   1   1.310   -2.803   0.554   0.879     0.5   0.822   0.328   1.833   0.680   0.528   -0.599   0   1   1.254   -2.941   0.581   0.862     0.4   0.811   0.471   1.642   0.744   0.650   -0.695   0   1   1.213   -3.065   0.616   0.838     0.3   0.799   0.680   1.362   0.849   0.847   -0.848   0   1   1.200   -3.210   0.664   0.796     0.2   0.846   0.163   2.046   0.529   0.268   -0.376   0   1   0.238   -1.591   0.541   0.886	0.9	0.859	-0.001	2.287	0.561	0.278	-0.395	0	1	1.640	-1.794	0.500	0.908
0.7 0.842 0.130 2.102 0.604 0.373 -0.475 0 1 1.376 -2.611 0.532 0.891   0.6 0.832 0.219 1.981 0.637 0.440 -0.529 0 1 1.310 -2.803 0.554 0.879   0.5 0.822 0.328 1.833 0.680 0.528 -0.599 0 1 1.254 -2.941 0.581 0.862   0.4 0.811 0.471 1.642 0.744 0.650 -0.695 0 1 1.213 -3.065 0.616 0.838   0.3 0.799 0.680 1.362 0.849 0.847 -0.848 0 1 1.200 -3.210 0.664 0.796   0.2 0.846 0.163 2.046 0.529 0.268 -0.376 0 1 0.238 -1.591 0.541 0.886	0.8	0.851	0.056	2.205	0.579	0.319	-0.430		1	1.447	-2.289	0.514	0.901
0.5 0.822 0.328 1.833 0.680 0.528 -0.599 0 1 1.254 -2.941 0.581 0.862   0.4 0.811 0.471 1.642 0.744 0.650 -0.695 0 1 1.213 -3.065 0.616 0.838   0.3 0.799 0.680 1.362 0.849 0.847 -0.848 0 1 1.200 -3.210 0.664 0.796   0.2 0.846 0.163 2.046 0.529 0.268 -0.376 0 1 0.238 -1.591 0.541 0.886	0.7	0.842	0.130	2.102	0.604	0.373	-0.475		1	1.376	-2.611	0.532	0.891
0.5 0.822 0.328 1.833 0.680 0.528 -0.599 0 1 1.254 -2.941 0.581 0.862   0.4 0.811 0.471 1.642 0.744 0.650 -0.695 0 1 1.213 -3.065 0.616 0.838   0.3 0.799 0.680 1.362 0.849 0.847 -0.848 0 1 1.200 -3.210 0.664 0.796   0.2 0.846 0.163 2.046 0.529 0.268 -0.376 0 1 0.238 -1.591 0.541 0.886	0.6	0.832	0.219	1.981	0.637	0.440	-0.529	0	1	1.310	-2.803	0.554	0.879
0.4 0.811 0.471 1.642 0.744 0.650 -0.695 0 1 1.213 -3.065 0.616 0.838   0.3 0.799 0.680 1.362 0.849 0.847 -0.848 0 1 1.200 -3.210 0.664 0.796   0.2 0.846 0.163 2.046 0.529 0.268 -0.376 0 1 0.238 -1.591 0.541 0.886								0	1				
0.3 0.799 0.680 1.362 0.849 0.847 -0.848 0 1 1.200 -3.210 0.664 0.796   0.2 0.846 0.163 2.046 0.529 0.268 -0.376 0 1 0.238 -1.591 0.541 0.886	0.4	0.811	0.471			0.650			1	1.213		0.616	
	0.3	0.799	0.680	1.362	0.849	0.847	-0.848	0	1	1.200	-3.210	0.664	0.796
$0.1 \qquad 0.847 \qquad 0.160  2.050  0.520  0.254  -0.364 \qquad \qquad 0 \qquad \qquad 1  0.181  -1.862  0.540  0.886$	0.2	0.846	0.163	2.046	0.529	0.268	-0.376	0	1	0.238	-1.591	0.541	0.886
	0.1	0.847	0.160	2.050	0.520	0.254	-0.364	0	1	0.181	-1.862	0.540	0.886