Example:IVD and Lymnode

Yi

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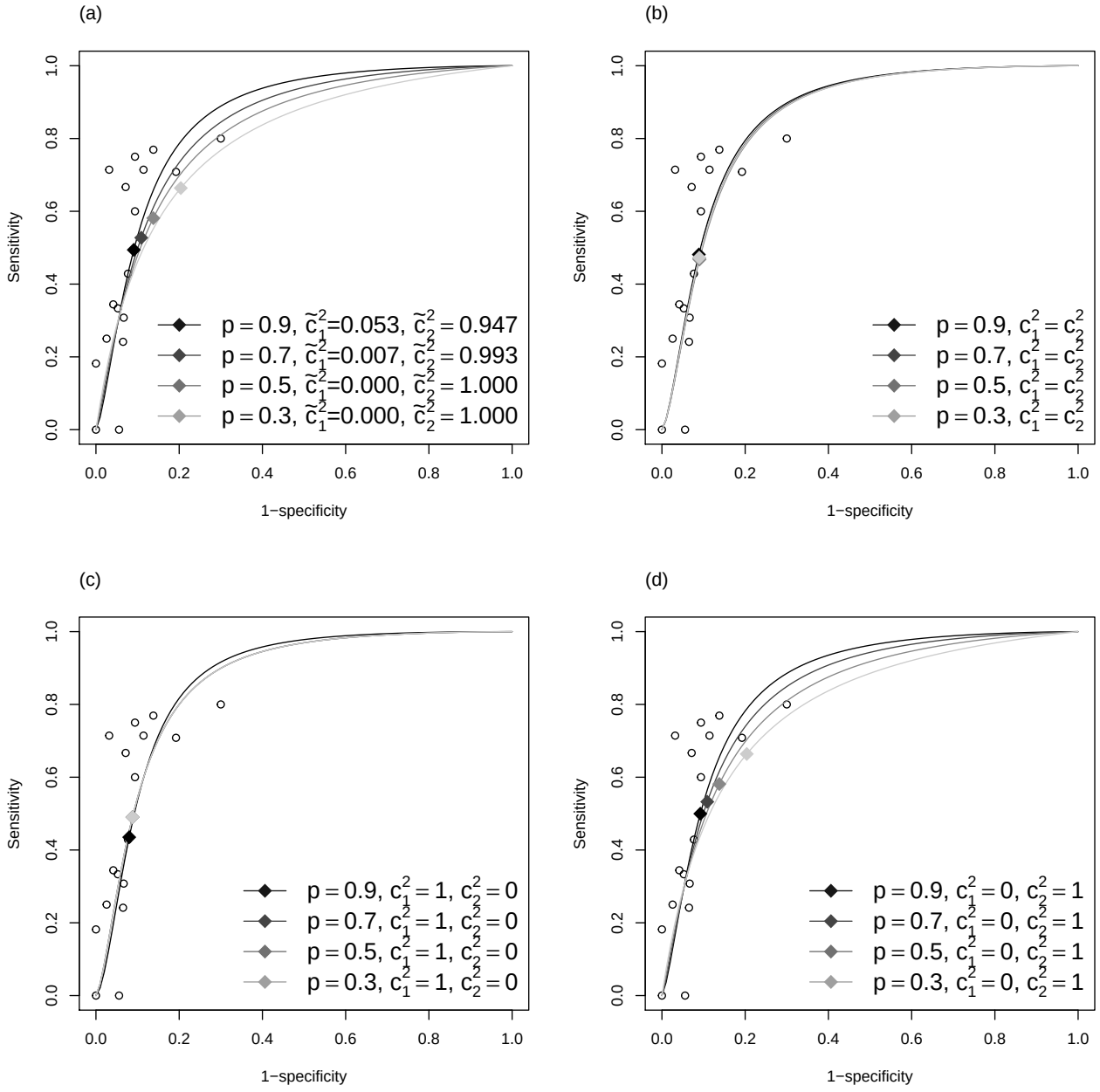
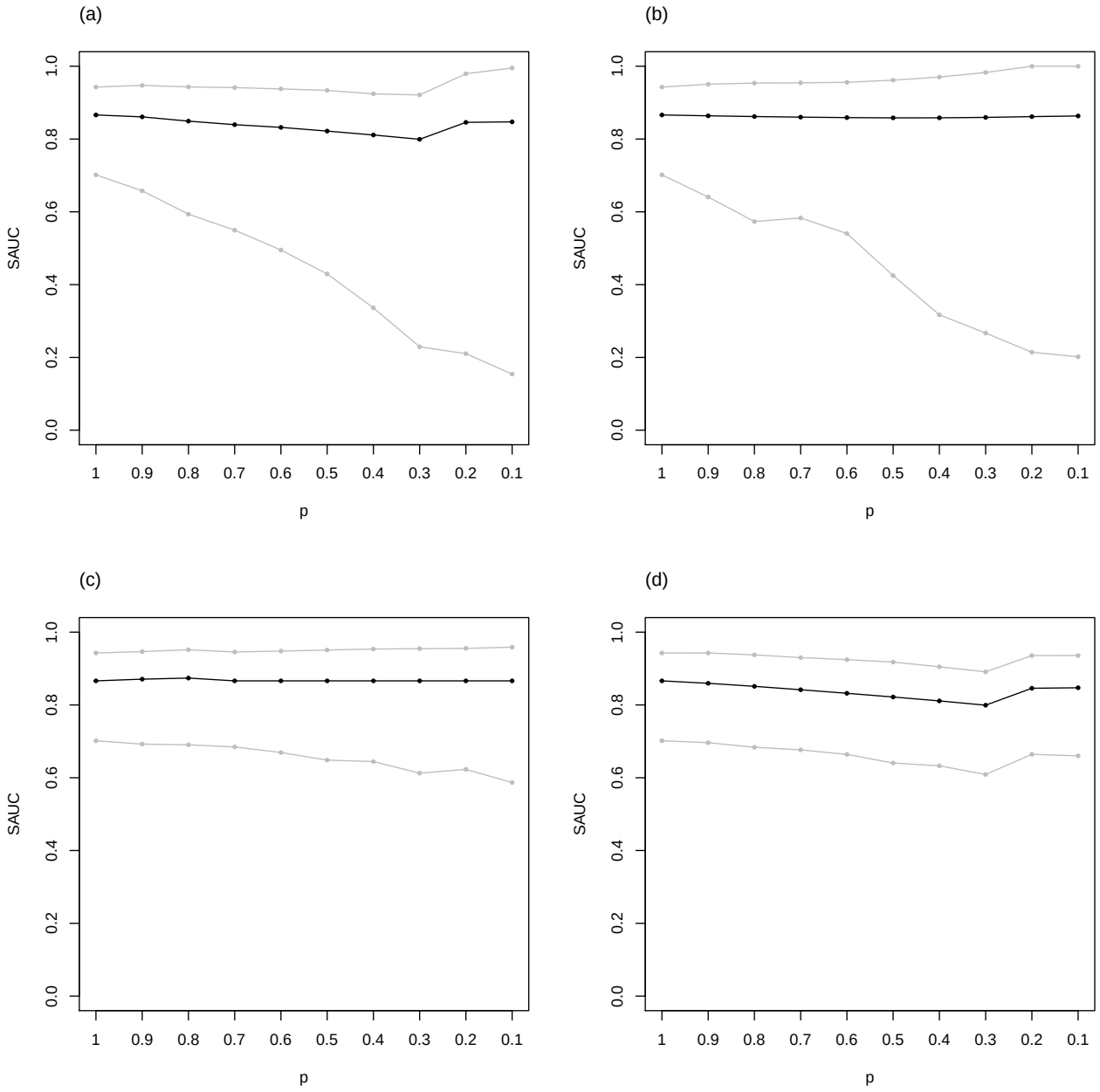
IVD

Plot


(a)
Sensitivity
1−specificity
p = 0.9, $\tilde{c}_1^2$=0.053, $\tilde{c}_2^2$ = 0.947
p = 0.7, $\tilde{c}_1^2$=0.007, $\tilde{c}_2^2$ = 0.993
p = 0.5, $\tilde{c}_1^2$=0.000, $\tilde{c}_2^2$ = 1.000
p = 0.3, $\tilde{c}_1^2$=0.000, $\tilde{c}_2^2$ = 1.000
(b)
Sensitivity
1−specificity
p = 0.9, $c_1^2 = c_2^2$
p = 0.7, $c_1^2 = c_2^2$
p = 0.5, $c_1^2 = c_2^2$
p = 0.3, $c_1^2 = c_2^2$
(c)
Sensitivity
1−specificity
p = 0.9, $c_1^2 = 1$, $c_2^2 = 0$
p = 0.7, $c_1^2 = 1$, $c_2^2 = 0$
p = 0.5, $c_1^2 = 1$, $c_2^2 = 0$
p = 0.3, $c_1^2 = 1$, $c_2^2 = 0$
(d)
Sensitivity
1−specificity
p = 0.9, $c_1^2 = 0$, $c_2^2 = 1$
p = 0.7, $c_1^2 = 0$, $c_2^2 = 1$
p = 0.5, $c_1^2 = 0$, $c_2^2 = 1$
p = 0.3, $c_1^2 = 0$, $c_2^2 = 1$

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null device
          1
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Estimates

Table 1: data-1

p	μ_1	μ_2	τ_1	τ_2	τ_{12}	c_1^2	c_2^2	β	α_p	se	sp	SAUC [95% CI]
1	-0.039	2.341	0.545	0.245	-0.365					0.490	0.912	0.866 [0.702, 0.943]
0.9	-0.024	2.303	0.544	0.260	-0.376	0.053	0.947	2.000	-2.342	0.494	0.909	0.861 [0.658, 0.947]
0.8	0.025	2.208	0.549	0.302	-0.407	0.034	0.966	2.000	-3.282	0.506	0.901	0.849 [0.593, 0.943]
0.7	0.110	2.103	0.583	0.365	-0.461	0.007	0.993	1.573	-3.024	0.527	0.891	0.840 [0.550, 0.941]
0.6	0.219	1.981	0.637	0.440	-0.529	0.000	1.000	1.310	-2.803	0.554	0.879	0.832 [0.495, 0.938]
0.5	0.328	1.833	0.680	0.528	-0.599	0.000	1.000	1.254	-2.941	0.581	0.862	0.822 [0.429, 0.934]
0.4	0.471	1.642	0.744	0.650	-0.695	0.000	1.000	1.213	-3.065	0.616	0.838	0.811 [0.336, 0.924]
0.3	0.680	1.362	0.849	0.847	-0.848	0.000	1.000	1.199	-3.206	0.664	0.796	0.799 [0.229, 0.921]
0.2	0.163	2.046	0.529	0.268	-0.376	0.000	1.000	0.238	-1.591	0.541	0.886	0.846 [0.210, 0.979]
0.1	0.160	2.050	0.520	0.254	-0.364	0.000	1.000	0.181	-1.862	0.540	0.886	0.847 [0.154, 0.995]
1	-0.039	2.341	0.545	0.245	-0.365					0.490	0.912	0.866 [0.702, 0.943]
0.9	-0.075	2.329	0.555	0.242	-0.367	0.5	0.5	0.420	0.448	0.481	0.911	0.864 [0.641, 0.951]
0.8	-0.099	2.322	0.559	0.242	-0.367	0.5	0.5	0.351	0.094	0.475	0.911	0.862 [0.573, 0.954]
0.7	-0.116	2.317	0.560	0.242	-0.368	0.5	0.5	0.297	-0.133	0.471	0.910	0.860 [0.583, 0.954]
0.6	-0.127	2.313	0.559	0.243	-0.368	0.5	0.5	0.249	-0.312	0.468	0.910	0.859 [0.540, 0.956]
0.5	-0.130	2.311	0.557	0.243	-0.368	0.5	0.5	0.201	-0.468	0.467	0.910	0.858 [0.425, 0.962]
0.4	-0.125	2.313	0.554	0.244	-0.368	0.5	0.5	0.152	-0.615	0.469	0.910	0.858 [0.317, 0.970]
0.3	-0.109	2.318	0.551	0.245	-0.367	0.5	0.5	0.101	-0.772	0.473	0.910	0.860 [0.267, 0.983]
0.2	-0.086	2.325	0.548	0.245	-0.367	0.5	0.5	0.055	-0.979	0.479	0.911	0.862 [0.214, 1.000]
0.1	-0.066	2.332	0.547	0.245	-0.366	0.5	0.5	0.026	-1.347	0.483	0.911	0.863 [0.202, 1.000]
1	-0.039	2.341	0.545	0.245	-0.365					0.490	0.912	0.866 [0.702, 0.943]
0.9	-0.261	2.443	0.858	0.310	-0.516	1	0	2.000	5.928	0.435	0.920	0.871 [0.692, 0.947]
0.8	-0.535	2.566	1.229	0.381	-0.684	1	0	2.000	5.445	0.369	0.929	0.874 [0.690, 0.952]
0.7	-0.039	2.341	0.545	0.245	-0.365	1	0	0.000	0.524	0.490	0.912	0.866 [0.685, 0.946]
0.6	-0.039	2.341	0.545	0.245	-0.365	1	0	0.000	0.253	0.490	0.912	0.866 [0.669, 0.948]
0.5	-0.039	2.341	0.545	0.245	-0.365	1	0	0.000	-0.000	0.490	0.912	0.866 [0.648, 0.951]
0.4	-0.039	2.341	0.545	0.245	-0.365	1	0	0.000	-0.253	0.490	0.912	0.866 [0.644, 0.954]
0.3	-0.039	2.341	0.545	0.245	-0.365	1	0	0.000	-0.524	0.490	0.912	0.866 [0.613, 0.955]
0.2	-0.039	2.341	0.545	0.245	-0.365	1	0	0.000	-0.842	0.490	0.912	0.866 [0.623, 0.956]
0.1	-0.039	2.341	0.545	0.245	-0.365	1	0	0.000	-1.282	0.490	0.912	0.866 [0.587, 0.959]
1	-0.039	2.341	0.545	0.245	-0.365					0.490	0.912	0.866 [0.702, 0.943]
0.9	-0.001	2.287	0.561	0.278	-0.395	0	1	1.640	-1.794	0.500	0.908	0.859 [0.696, 0.943]
0.8	0.056	2.205	0.579	0.319	-0.430	0	1	1.447	-2.289	0.514	0.901	0.851 [0.684, 0.938]
0.7	0.130	2.102	0.604	0.373	-0.475	0	1	1.376	-2.611	0.532	0.891	0.842 [0.677, 0.930]
0.6	0.219	1.981	0.637	0.440	-0.529	0	1	1.310	-2.803	0.554	0.879	0.832 [0.664, 0.924]
0.5	0.328	1.833	0.680	0.528	-0.599	0	1	1.254	-2.941	0.581	0.862	0.822 [0.641, 0.918]
0.4	0.471	1.642	0.744	0.650	-0.695	0	1	1.213	-3.065	0.616	0.838	0.811 [0.633, 0.905]
0.3	0.680	1.362	0.849	0.847	-0.848	0	1	1.200	-3.210	0.664	0.796	0.799 [0.609, 0.891]
0.2	0.163	2.046	0.529	0.268	-0.376	0	1	0.238	-1.591	0.541	0.886	0.846 [0.664, 0.936]
0.1	0.160	2.050	0.520	0.254	-0.364	0	1	0.181	-1.862	0.540	0.886	0.847 [0.660, 0.936]