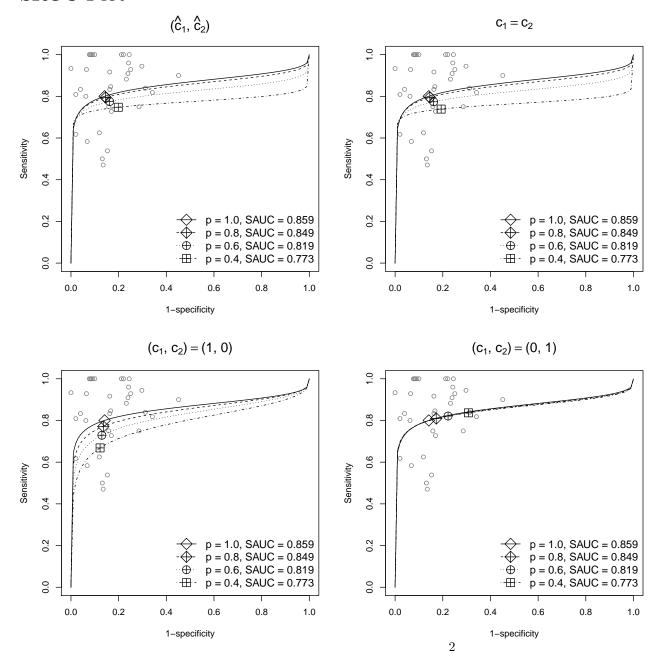
Example: IVD

Yi

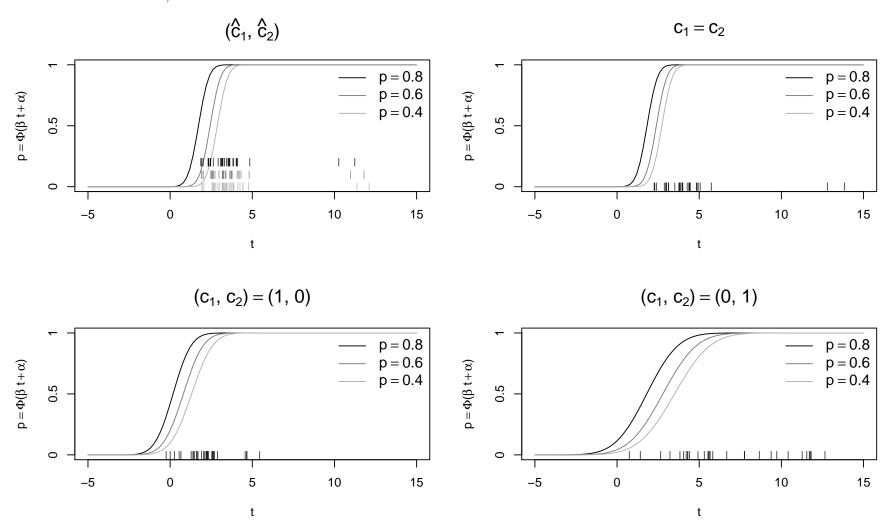
2021-06-15

IVD

## **SROC Plot**



## Probit of $\alpha$ and $\beta$



SROC estimates

Table 1: Example: IVD

$(c_1, c_2)$	p	SAUC (95%CI)	$\mu_1$	$\mu_2$	$ au_1$	$ au_2$	ρ	$c_1$	$c_2$	$\beta$ (95%CI)	$\alpha_p$	se	$\operatorname{sp}$
$(\hat{c}_1,\hat{c}_2)$	1.0	$0.859\ (0.790,\ 0.908)$	1.388	1.804	0.545	0.819	-0.423			NA (NA, NA)		0.800	0.859
	0.8	$0.849\ (0.772,\ 0.904)$	1.349	1.773	0.552	0.828	-0.382	0.746	0.666	2.000 (-1.596, 5.596)	-3.449	0.794	0.855
	0.6	$0.819\ (0.719,\ 0.889)$	1.236	1.640	0.551	0.859	-0.297	0.691	0.723	2.000 (-0.536, 4.536)	-4.871	0.775	0.838
	0.4	$0.773 \ (0.629, \ 0.872)$	1.086	1.396	0.558	0.919	-0.174	0.657	0.754	$1.993 \ (0.418, \ 3.568)$	-5.719	0.748	0.802
$(c_1 = c_2)$	1.0	$0.859\ (0.790,\ 0.908)$	1.388	1.804	0.545	0.819	-0.423			NA (NA, NA)		0.800	0.859
	0.8	$0.849\ (0.774,\ 0.902)$	1.352	1.769	0.550	0.831	-0.382	0.707	0.707	2.000 (-0.194, 4.194)	-3.647	0.794	0.854
	0.6	$0.819\ (0.723,\ 0.886)$	1.230	1.645	0.554	0.857	-0.294	0.707	0.707	$2.000\ (0.097,\ 3.903)$	-4.781	0.774	0.838
	0.4	$0.763\ (0.617,\ 0.865)$	1.040	1.430	0.578	0.903	-0.151	0.707	0.707	$2.000 \ (0.410, \ 3.590)$	-5.456	0.739	0.807
$(c_1=1)$	1.0	$0.859\ (0.790,\ 0.908)$	1.388	1.804	0.545	0.819	-0.423			NA (NA, NA)		0.800	0.859
	0.8	$0.844\ (0.762,\ 0.901)$	1.215	1.850	0.631	0.826	-0.407	1.000	0.000	$1.150 \ (-0.010, \ 2.310)$	-0.204	0.771	0.864
	0.6	$0.820\ (0.718,\ 0.891)$	0.990	1.904	0.691	0.832	-0.404	1.000	0.000	$1.046 \ (0.289, \ 1.804)$	-0.842	0.729	0.870
	0.4	$0.786\ (0.649,\ 0.879)$	0.701	1.972	0.749	0.837	-0.402	1.000	0.000	$0.987 \ (0.297, \ 1.676)$	-1.290	0.668	0.878
$(c_1=0)$	1.0	$0.859\ (0.790,\ 0.908)$	1.388	1.804	0.545	0.819	-0.423			NA (NA, NA)		0.800	0.859
	0.8	$0.857 \ (0.788, \ 0.906)$	1.447	1.567	0.560	0.968	-0.468	0.000	1.000	$0.663 \ (-0.051, \ 1.377)$	-1.198	0.810	0.827
	0.6	$0.855 \ (0.787, \ 0.905)$	1.525	1.253	0.575	1.098	-0.506	0.000	1.000	$0.617 \ (0.079, \ 1.154)$	-1.720	0.821	0.778
	0.4	$0.854 \ (0.786, \ 0.904)$	1.633	0.812	0.592	1.245	-0.547	0.000	1.000	$0.581\ (0.073,\ 1.090)$	-2.034	0.837	0.692

## SAUC plot

