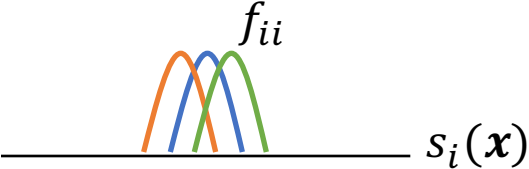
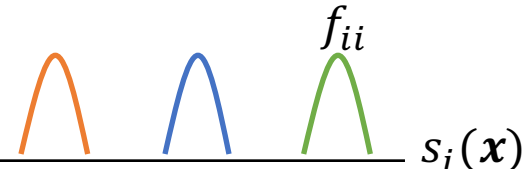
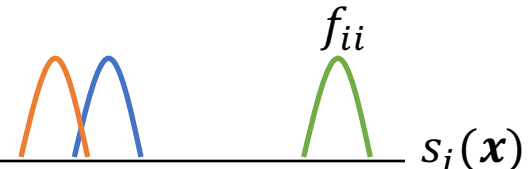
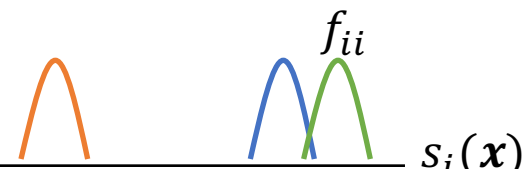


Separability Scenario	Sketch Map	Means of PDF
All close: case [o]		$\mu_j = 1, \mu_k = 1.25, \mu_i = 1.5$
Uniformly separable: case [a]		$\mu_j = 1, \mu_k = 3, \mu_i = 5$
True class is separable with others: case [b]		$\mu_j = 1, \mu_k = 2, \mu_i = 5$
True class is close to another one class: case [c]		$\mu_j = 1, \mu_k = 4, \mu_i = 5$

(a)

Separability Case	One-vs-Rest AUC	Pairwise AUC	Separability Case	One-vs-Rest AUC	Pairwise AUC
[o][o][o]	0.6042	almost the same as one-vs- rest	[a][a][a]	0.9595	almost the same as one-vs- rest
[o][o][a]	0.7226		[a][a][b]	0.9698	
[o][o][b]	0.7329		[a][a][c]	0.9327	
[o][o][c]	0.6958		[a][b][b]	0.9801	
[o][a][a]	0.8411		[a][b][c]	0.9429	
[o][a][b]	0.8513		[a][c][c]	0.9058	
[o][a][c]	0.8142		[b][b][b]	0.9904	
[o][b][b]	0.8616		[b][b][c]	0.9532	
[o][b][c]	0.8245		[b][c][c]	0.9161	
[o][c][c]	0.7874		[c][c][c]	0.8790	

(b)