

Passive party1



Party Id: 0001

	f1
id1	
id2	

Active party



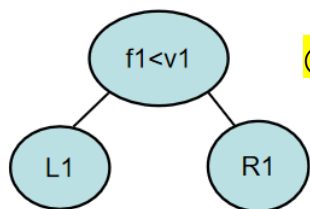
Party Id: 0002

	f2	y	\hat{y}
id1			
id2			

Party Id: 0003

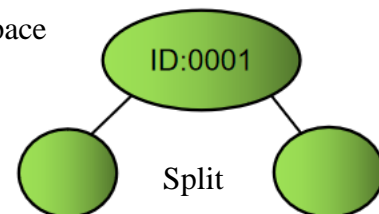
Passive party 2

	f3
id1	
id2	

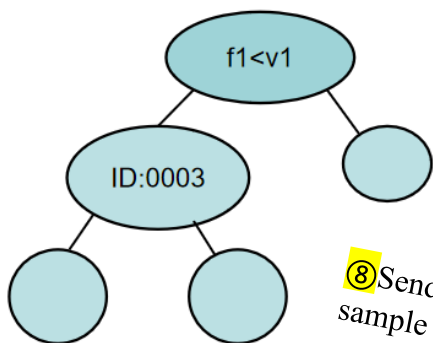
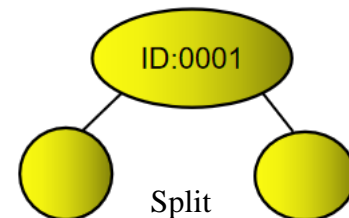


② Broadcast to split

③ Return the party id and L1 sample space

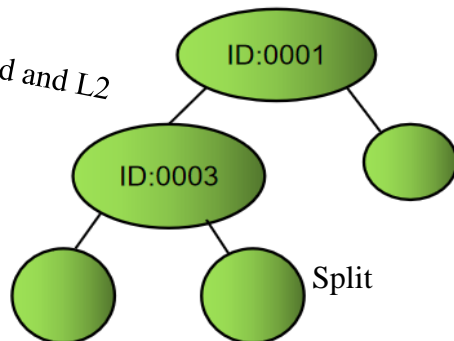


④ Send the party id and L1 sample space



Split

⑧ Send the party id and L2 sample space

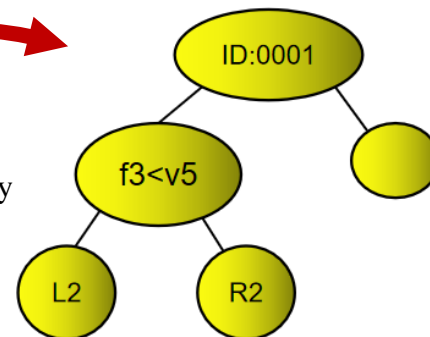


Split

Find the best split point feature is f3, the threshold value is v5

⑥ Broadcast to split

⑦ Return the party id and L2 sample space



①

⑤