Example 1: Y (Ground Truth): whether person has Hyperlipidernia, A (protected): gender

Separation	
P(diabetes = YES|Hyperlipidernia = YES, Gender = Female)	0.646
P(diabetes = YES|Hyperlipidernia = YES)	0.646

Sufficient	
P(Hyperlipidemia = YES|diabetes = YES, Gender = Female)	0.492
P(Hyperlipidemia = YES|diabetes = YES)	0.533

This example shows that the model has separation but is not sufficient

Example 2: Y (Ground Truth): region, A (protected): gender

Separation	
P(Hyperlipidernia = YES| region = countryside, Gender = Female)	0.438
P(Hyperlipidernia = YES| region = countryside = YES)	0.479

Sufficient	
P(region = countryside | Hyperlipidernia = YES, Gender = Female)	0.497
P(region = countryside | Hyperlipidernia = YES)	0.497

This example shows that the model does not have separation but is sufficient