Example 1: Separation

Let A = Gender, Y = Hyperlipidemia, C = Central Obesity

Here are the probability tables for each value of A:

A = Male

C \ Y	Yes	No
Yes	0.571	0.494
No	0.571	0.494

A = Female

C \ Y	Yes	No
Yes	0.429	0.506
No	0.429	0.506

A is independant of C given Y

Example 2: Sufficiency

~~Let A = Gender, Y = Diabetes, C = Hyperlipidemia~~

Let A = Gender, Y = Diabetes, C = Hyperlipidemia

A = Male

C \ Y	Yes	No
Yes	0.571	0.571
No	0.494	0.494

A = Female

C \ Y	Yes	No
Yes	0.429	0.429
No	0.506	0.506

A is independant of Y given C