1: Separated but not Sufficient

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

Vegetables	Hyperlipidemia = YES	Hyperlipidemia = NO
Gender = Male	[0.5790000000000001, 0.284, 0.137]	[0.283, 0.324, 0.393]
Gender = Female	[0.579, 0.284, 0.137]	[0.283, 0.32399999999999995, 0.39299999999999996]

1.1 Separated

P(A|Y,C) = P(A|Y)

	Hyperlipidemia = YES	Hyperlipidemia = No
Vegetables = <400g/d	0.57900000000000	0.283
Vegetables = 400-500g/d	0.284	0.324
Vegetables = >500g/d	0.137	0.393

1.2 Not Sufficient

P(A|Y,C) != P(A|C)

	Gender = Male	Gender = Female
Vegetables = <400g/d	0.413362420686718	0.39133589400685
Vegetables = 400-500g/d	0.306383456663957	0.309360014323399
Vegetables = >500g/d	0.280254122649325	0.299304091669751

2: Sufficient but not Separated

Let A = Region, Y = Vegetables, C = Hypertension

Region	Hypertension = YES	Hypertension = No
Vegetables = <400g/d	[0.3997592635449461, 0.6002407364550539]	[0.5718014956649184, 0.4281985043350815]
Vegetables = 400-500g/d	[0.3904124906024678, 0.6095875093975321]	[0.5606104370240592, 0.4393895629759408]
Vegetables = >500g/d	[0.3814304243721678, 0.6185695756278322]	[0.5516770254404783, 0.4483229745595218]

2.1 Not Separated

P(A|Y,C) != P(A|Y)

	Vegetables = <400g/d	Vegetables= 400-500g/d	Vegetables = >500g/d
Region = Countryside	0.484663193254615	0.478612636689921	0.47332961940
Region = City	0.515336806745385	0.52138736331008	0.52667038059

2.2 Sufficient

P(A|Y,C) = P(A|C)

	Hypertension = YES	Hypertension = No
Region = Countryside	0.391878111668358	0.562223839878802
Region = City	0.608121888331643	0.437776160121198