

CSC384 - A4 - Question 3

Separation

| Gender | RG | | Hyperlipidemia | | P(Prediction = YES) |
|--------|-------------|--|----------------|--|---------------------|
| Male | City | | YES | | 0.44 |
| Male | Countryside | | YES | | 0.36 |
| Female | City | | NO | | 0.44 |
| Female | Countryside | | NO | | 0.36 |

Sufficient

| Gender | RG | | Prediction | | P(HL=YES) |
|--------|-------------|--|------------|--|-----------|
| Male | City | | YES | | 0.64 |
| Male | Countryside | | YES | | 0.32 |
| Female | City | | NO | | 0.64 |
| Female | Countryside | | NO | | 0.32 |