

1) JOINT PROBABILITY

GIVEN:

$$P(\overset{G}{\text{GENDER}} = \text{MALE}) = 0,5059214$$

$$P(\overset{FCHC}{\text{FREQCONS HIGHCALFOOD}} = \text{YES}) = 0,8839413$$

$$P(\overset{N}{\text{NOBESITY}} = \text{OBESITY_TYPE_II}) = 0,1406916$$

$$P(G = \text{MALE}, FCHC = \text{YES}, N = \text{OBESITY_TYPE_II}) =$$

$$P(G = \text{MALE}) \cdot P(FCHC = \text{YES}) \cdot P(N = \text{OBESITY_TYPE_II}) =$$

$$0,5059214 \cdot 0,8839413 \cdot 0,1406916 = 0,0621056$$