

Pearson's correlation with BMI

$$r = \frac{\sum_{i=1}^n (x_i - \bar{x})(y_i - \bar{y})}{\sqrt{\sum_{i=1}^n (x_i - \bar{x})^2} \sqrt{\sum_{i=1}^n (y_i - \bar{y})^2}}$$

- Age : 3.5%
- Sex : 10.40%
- Processed meat intake :13.42%
- Pack of cigarettes per year :18.92%

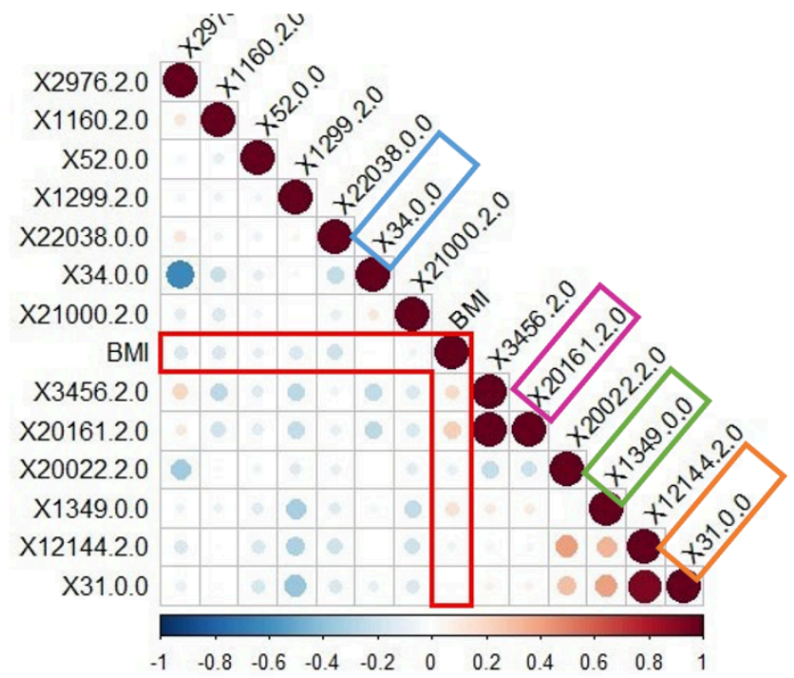


Figure 9: Pearson's correlation matrix of covariant with BMI