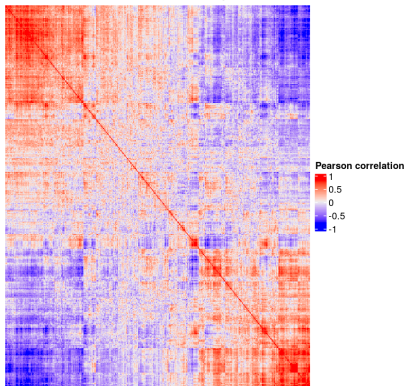


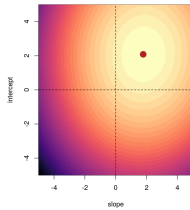
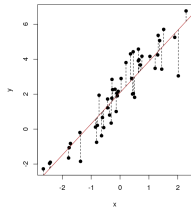
Regularised regression with many features

Cap

Feature-feature correlation in methylation data



Cap



Title



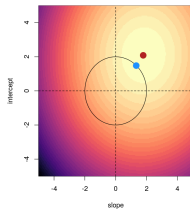
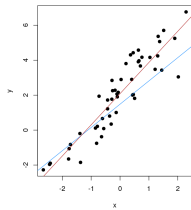
The diagram illustrates the partitioning of a dataset. It consists of two horizontal bars. The top bar is a single light gray rectangle labeled 'Dataset'. The bottom bar is divided into two segments: a light purple segment on the left labeled 'Training set' and a light green segment on the right labeled 'Test set'. This visualizes the process of splitting a dataset into training and testing subsets.

Dataset

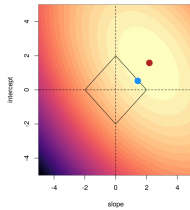
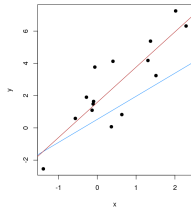
Training set

Test set

Cap



Title



Title



Title

| Setting | BS | FS | Lasso |
|--|---------------------------|-------|-------|
| low ($n = 100, p = 10, s = 5$) | 3.43 | 0.006 | 0.002 |
| medium ($n = 500, p = 100, s = 5$) | $\approx 120 \text{ min}$ | 0.818 | 0.009 |
| high-5 ($n = 50, p = 1000, s = 5$) | $\approx 126 \text{ min}$ | 0.137 | 0.011 |
| high-10 ($n = 100, p = 1000, s = 10$) | $\approx 144 \text{ min}$ | 0.277 | 0.019 |