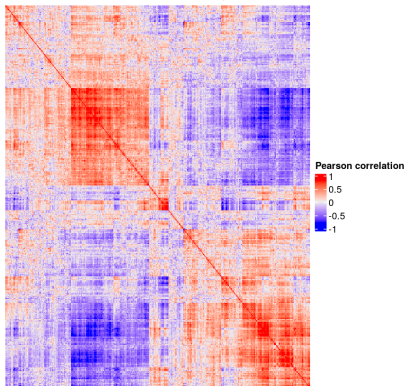


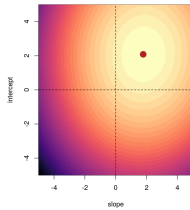
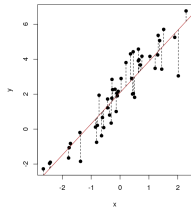
Regularised regression with many features

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Feature-feature correlation in methylation data



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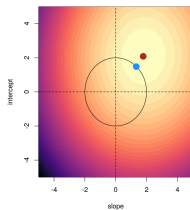
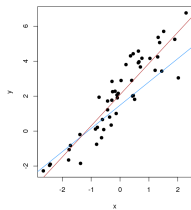
The diagram illustrates the partitioning of a dataset. It consists of two horizontal bars. The top bar is a single light gray rectangle labeled 'Dataset'. The bottom bar is divided into two segments: a light purple segment on the left labeled 'Training set' and a light green segment on the right labeled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

Dataset

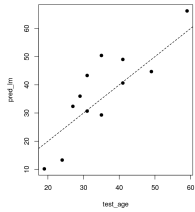
Training set

Test set

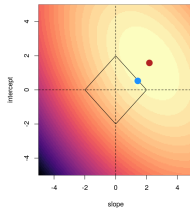
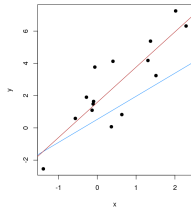
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Setting	BS	FS	Lasso
<b>low</b> ( $n = 100, p = 10, s = 5$ )	3.43	0.006	0.002
<b>medium</b> ( $n = 500, p = 100, s = 5$ )	$\approx 120 \text{ min}$	0.818	0.009
<b>high-5</b> ( $n = 50, p = 1000, s = 5$ )	$\approx 126 \text{ min}$	0.137	0.011
<b>high-10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