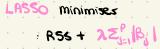
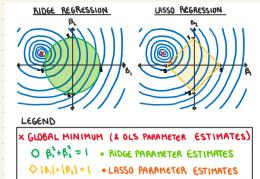
3 Shrinkage Methods (all drawings for a. 2 variable model)

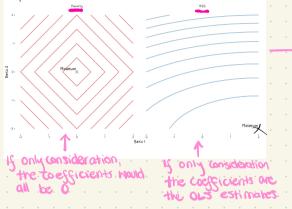


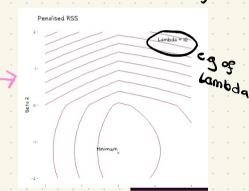
Ridge minimises

ASS + \(\lambda \Z_{j=1}^{\rho} \beta_{j}^{2}\)



As λ increases we "shrink" the coefficients to O. Example from the blog to





Penalised 1955 is somewhere in between.

Think of 1 as the weighting we give the penalty.

This plot shows how the coefficients grow as we relax ?.

Variables that have large Coefficients for all values of λ are usually more important.

