Problem 6.a: Nonzeros of each solution versus lambda Count of nonzero elements of each solution 80 60 40 20 -0 10<sup>2</sup>  $10^{1}$  $10^{-3}$  $10^{-2}$  $10^{-1}$ 10<sup>0</sup> 10<sup>3</sup> Regularized lambdas