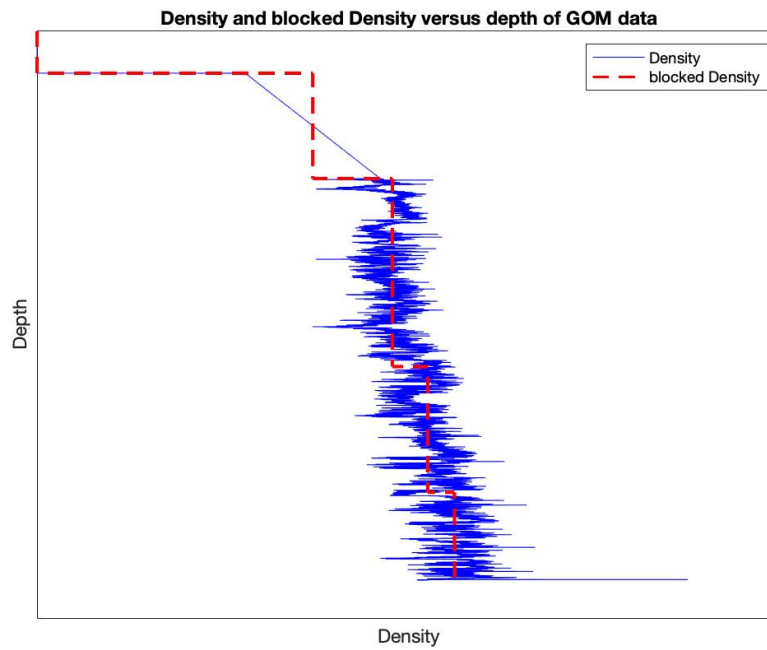
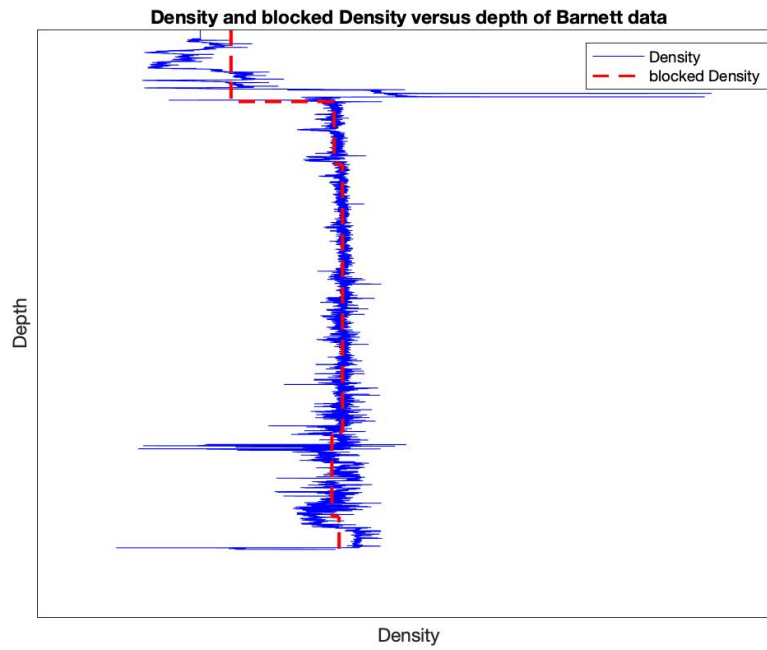
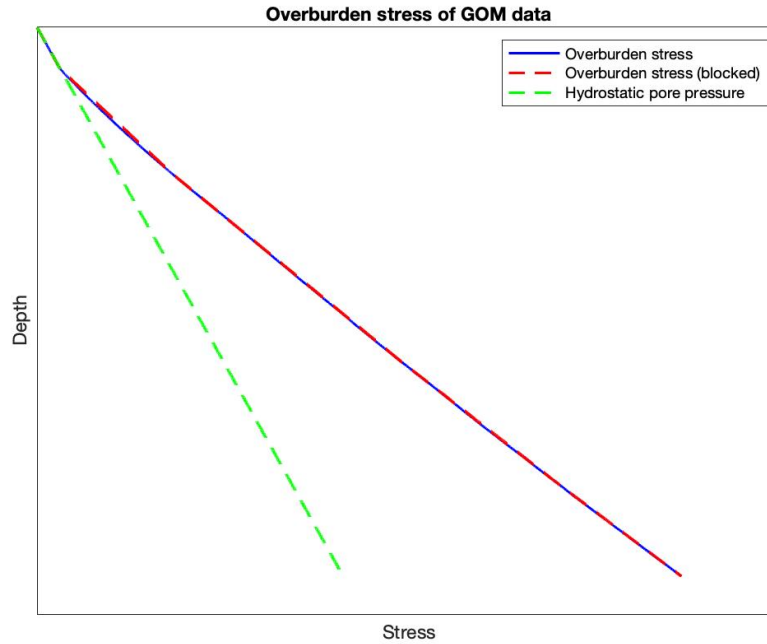
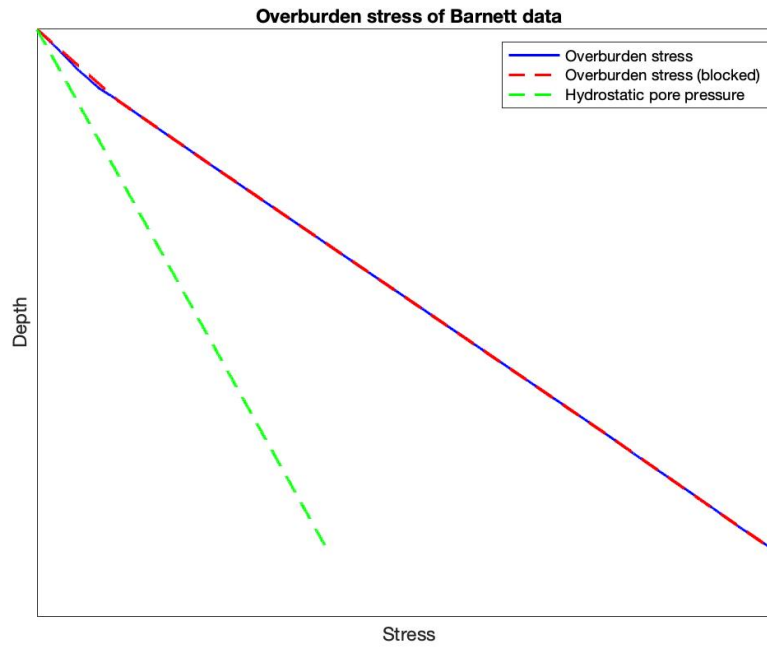


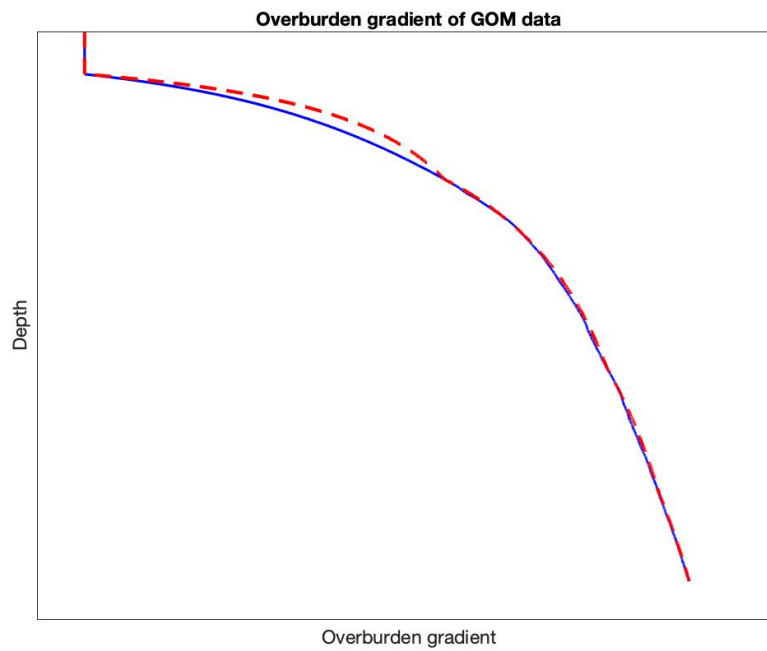
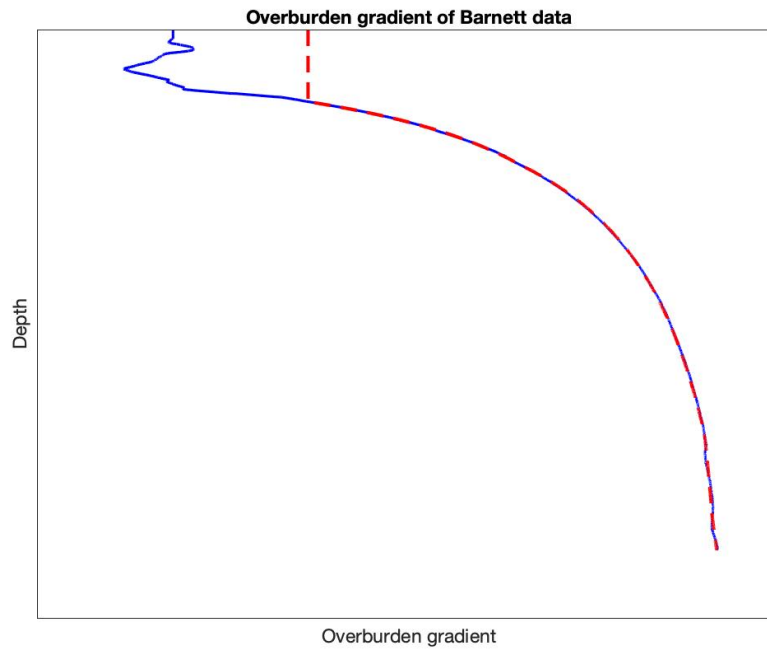
- I. Compute the overburden stress and the overburden gradient
  - a. Plot density versus depth for each dataset.
  - b. Divide the density profiles into 5 blocks.



- c. Calculate the overburden stress.



- d. Calculate the overburden gradient (overburden stress divided by the depth).



- II. Compute porosity from the density measurements
  - a. Plot porosity versus depth for each dataset

