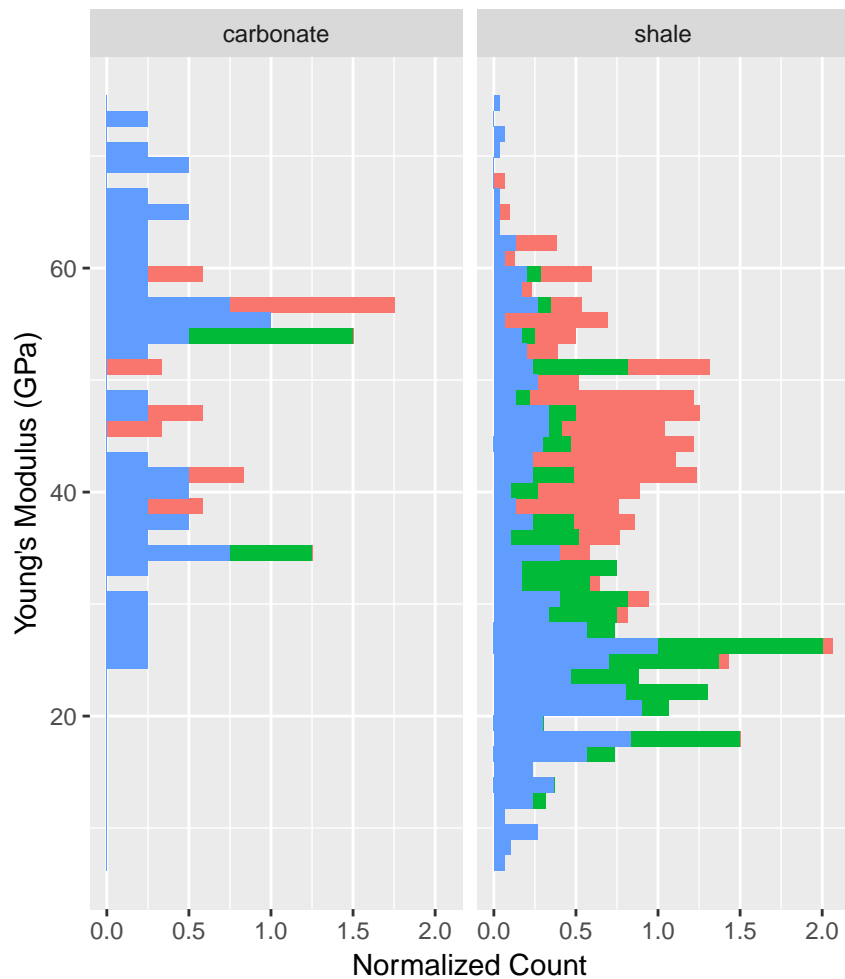
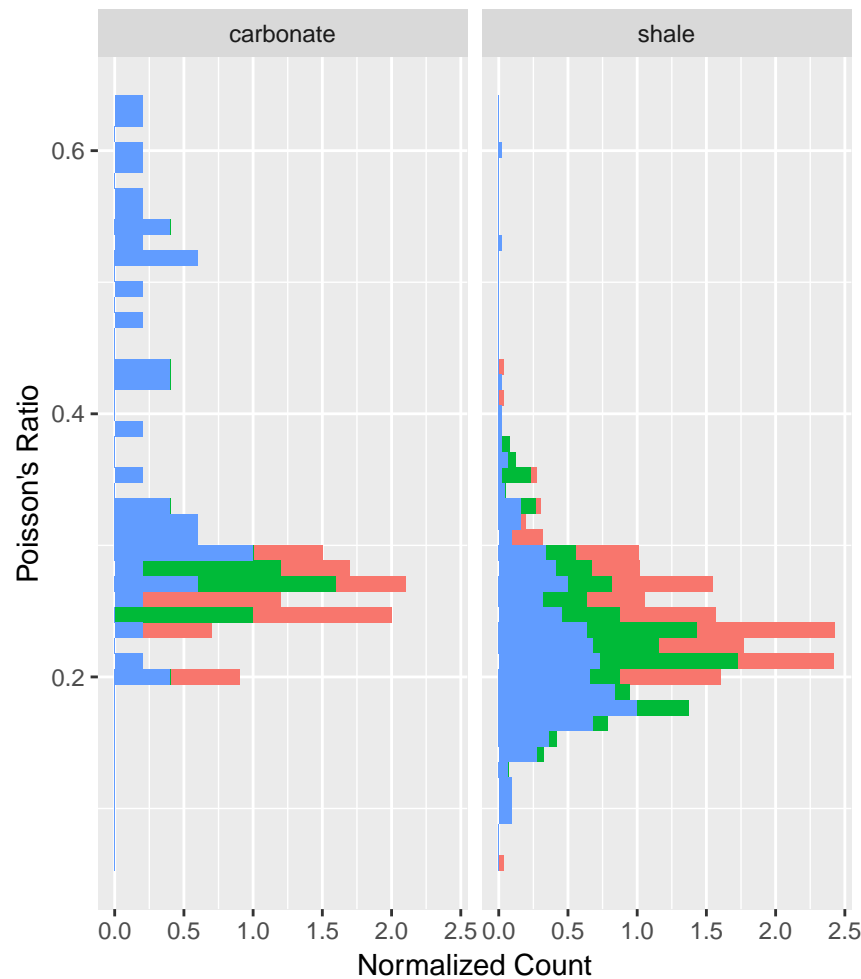


(a) Young's Modulus



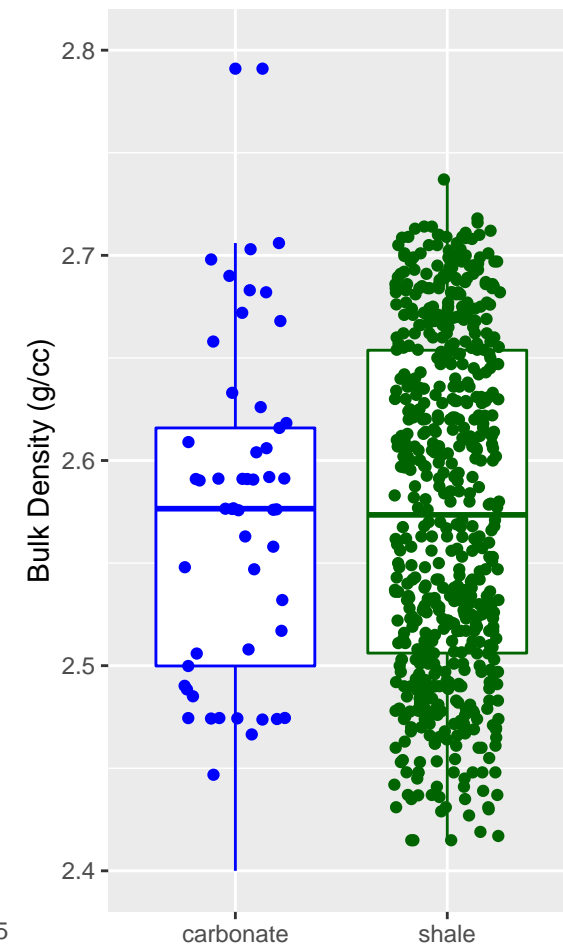
orientation horizontal oblique vertical

(b) Poisson's Ratio



orientation horizontal oblique vertical

(c) Bulk Density



carbonate shale