Hist of P−values, breaks 40 alpha= −2.22 beta= 3

samples: 256 Pvalues<0.05 0.64453125
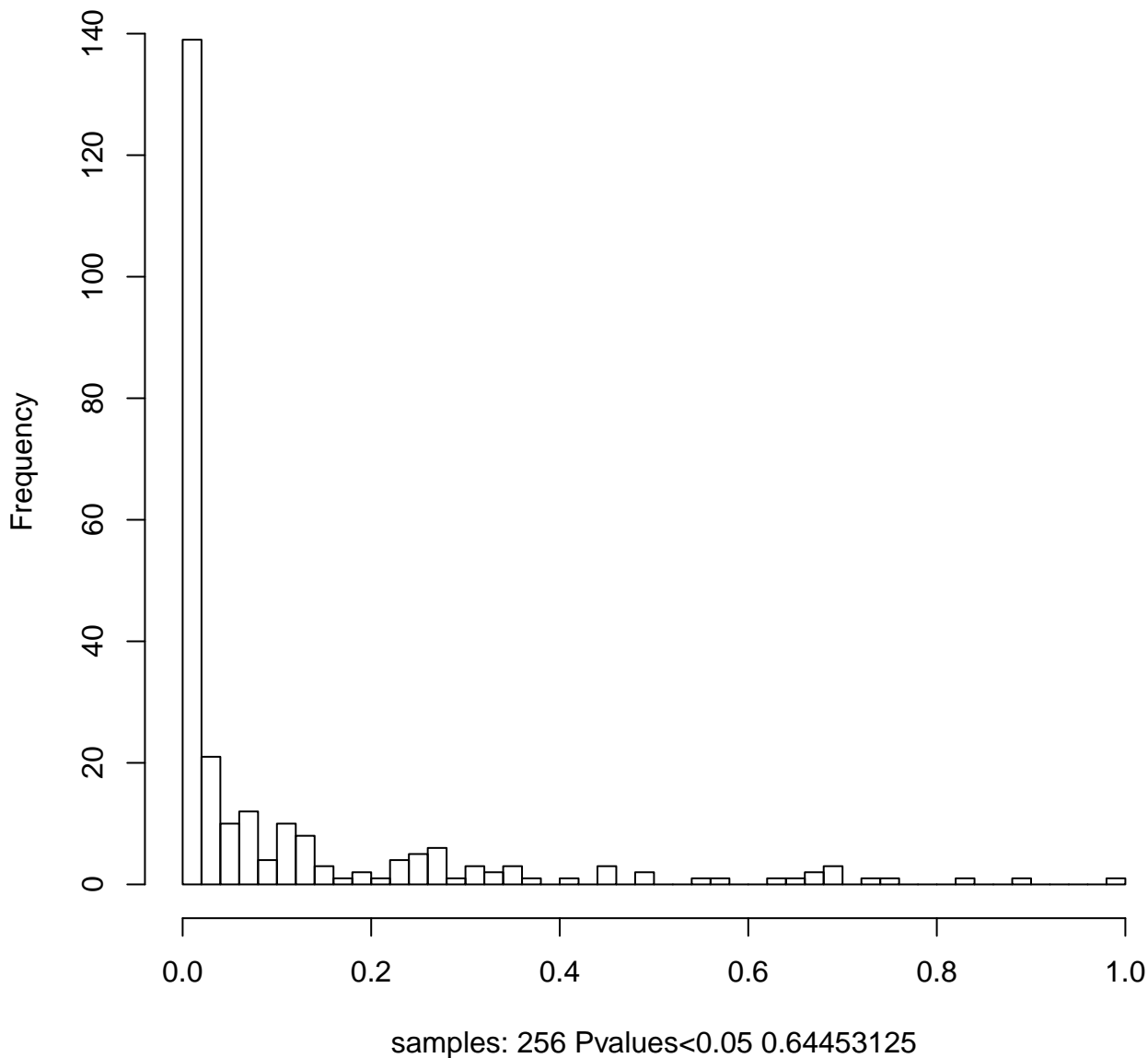
Hist of P−values, breaks 20 alpha= −2.22 beta= 3

Frequency

samples: 256 Pvalues<0.05 0.64453125
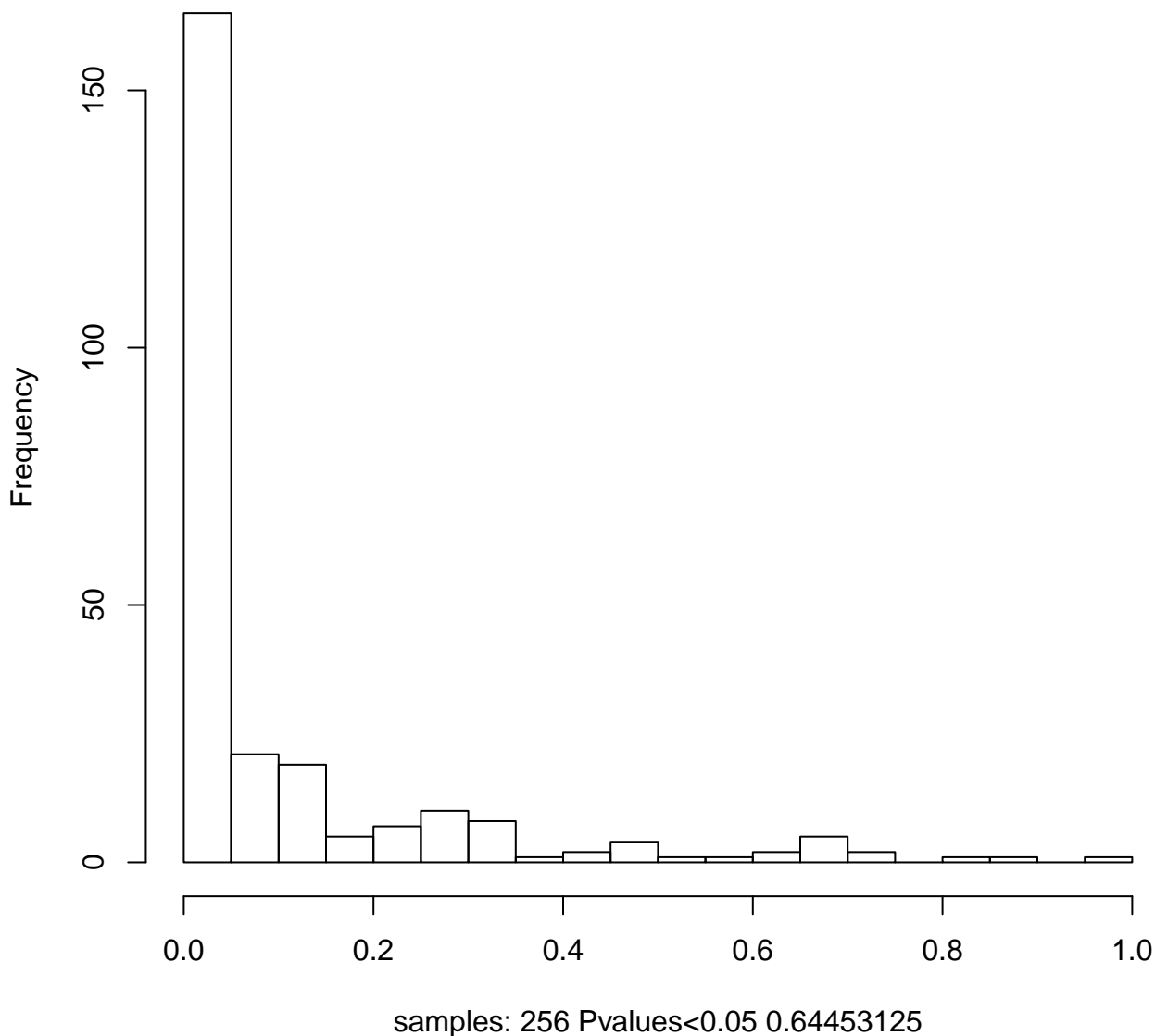
qqPlot of uniform distribution