Hist of P−values, breaks 40 alpha= −1.922 beta= 1.9

Frequency

samples: 400 Pvalues<0.05 0.2725
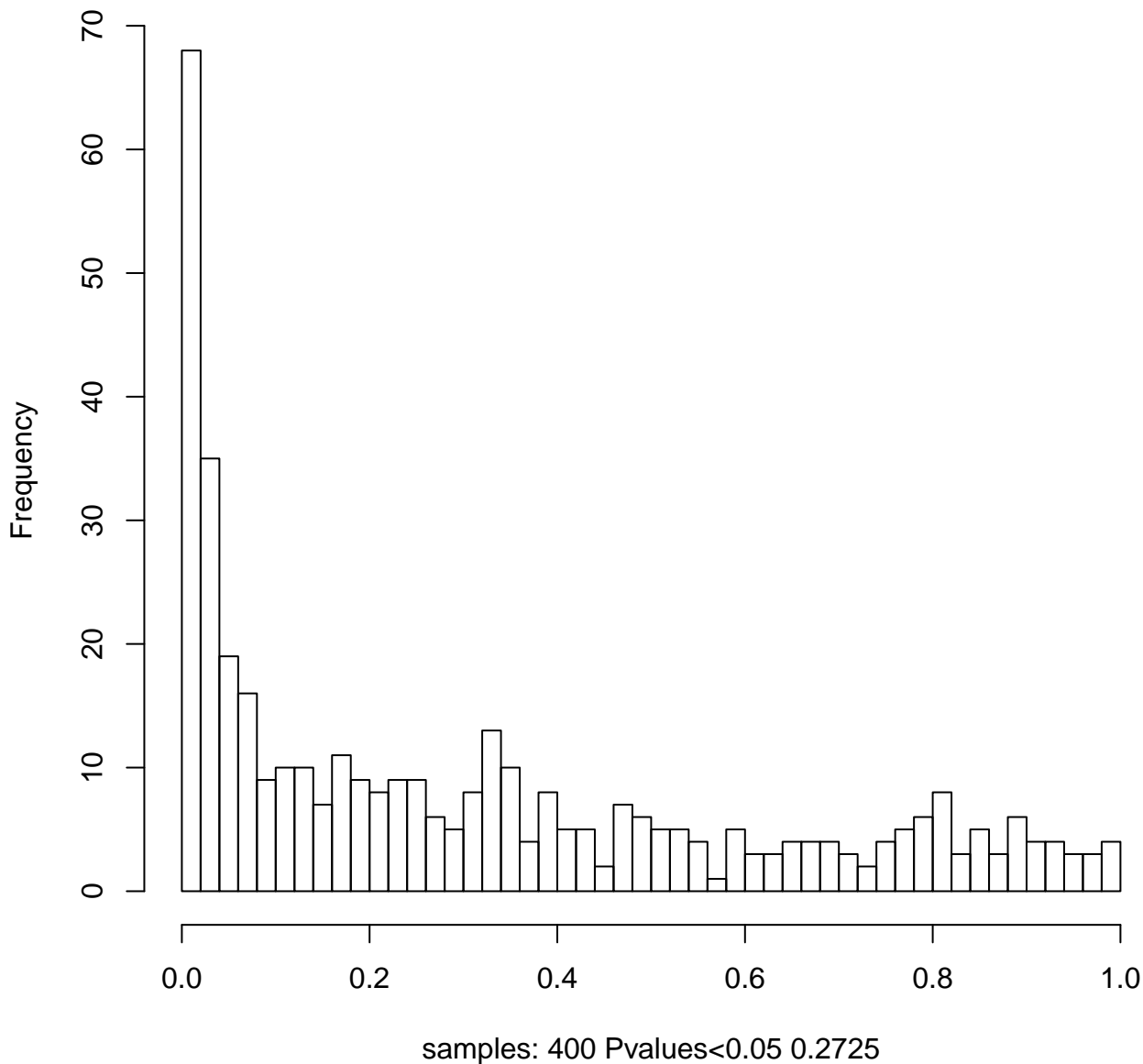
Hist of P−values, breaks 20

Frequency

samples: 400
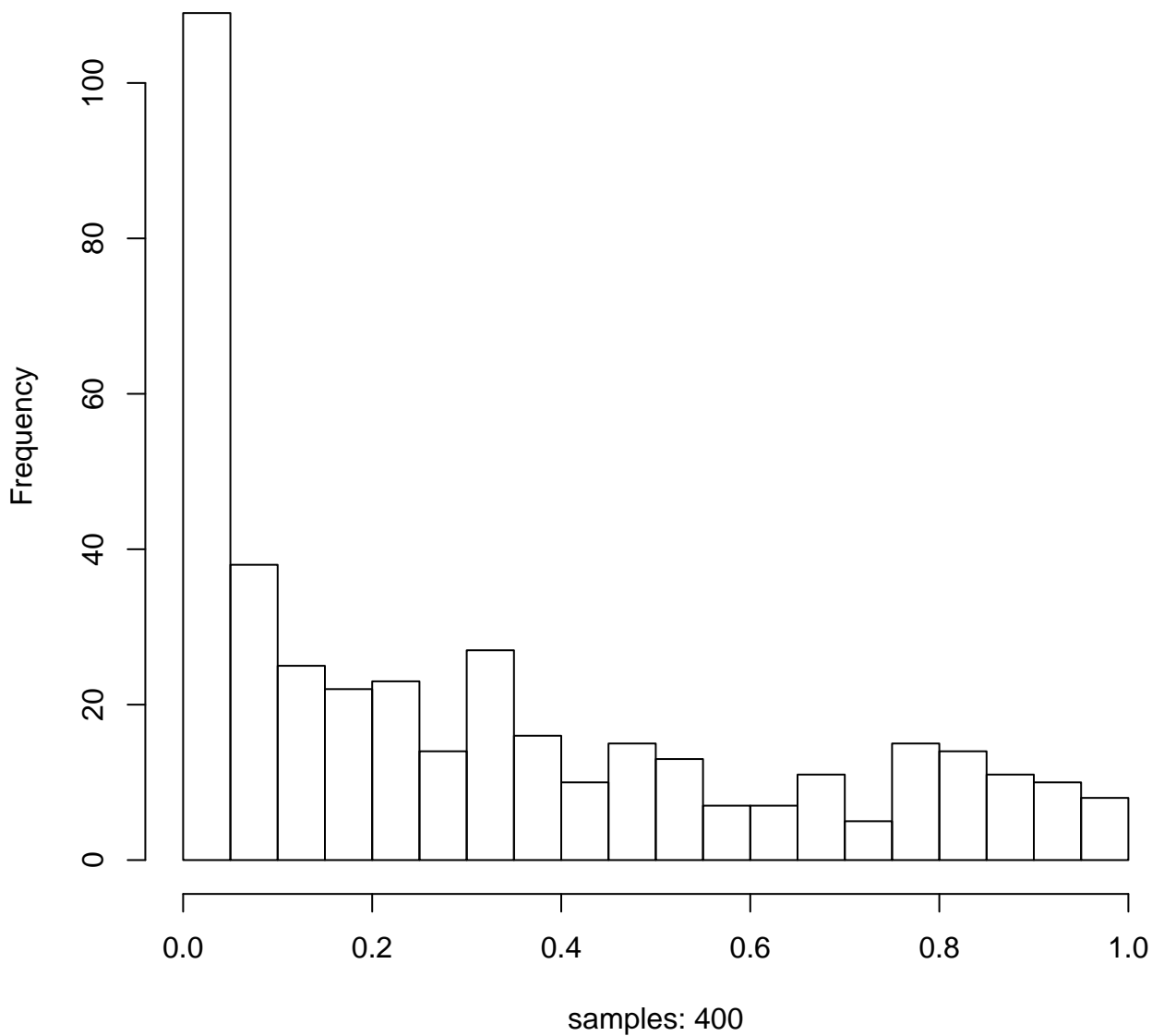
qqPlot of uniform distribution