Hist of P−values, breaks 40 alpha= −1.922 beta= 0.7

Frequency
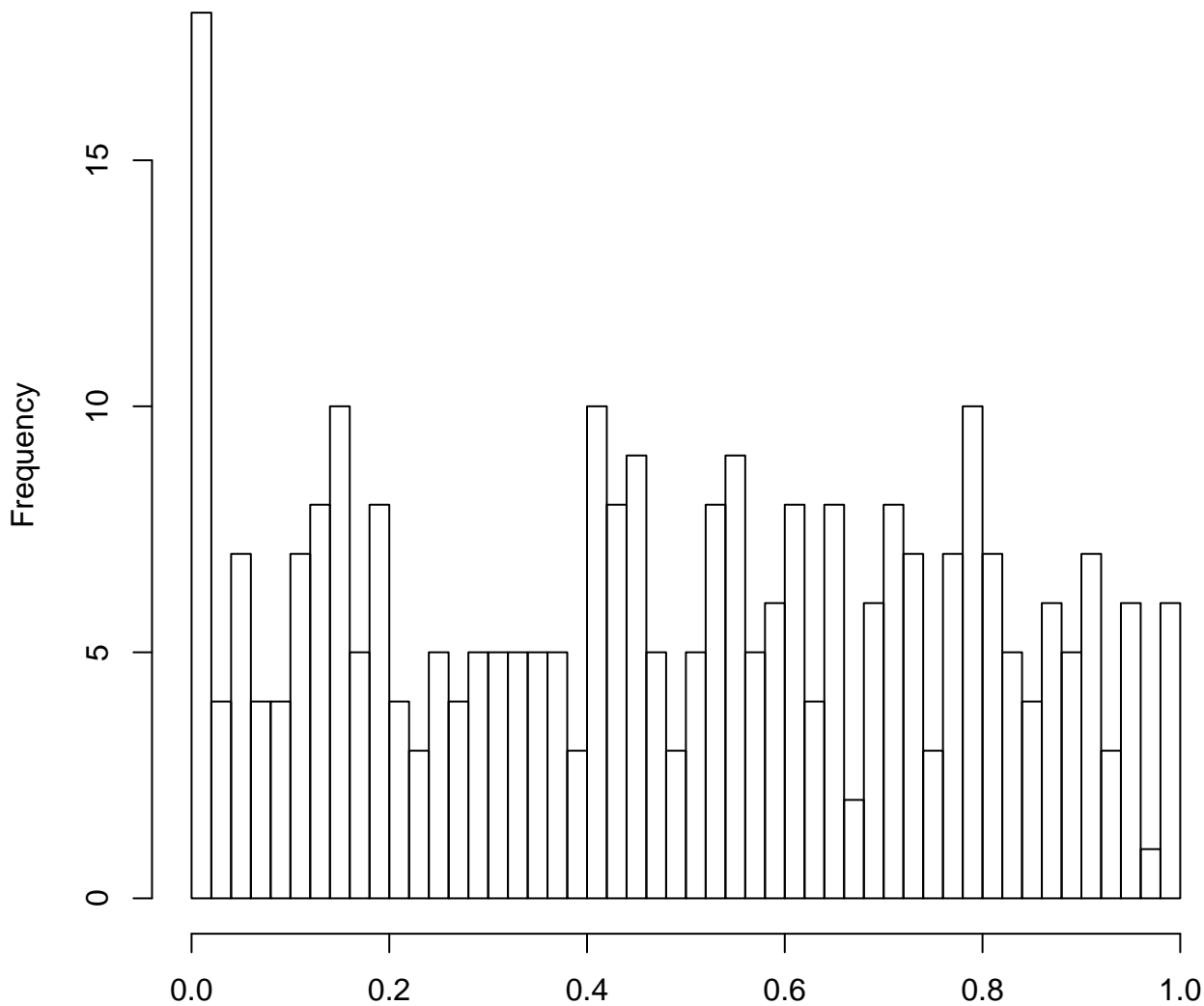
samples: 300 Pvalues<0.05 0.0866666666666667

Hist of P−values, breaks 20

Frequency

samples: 300
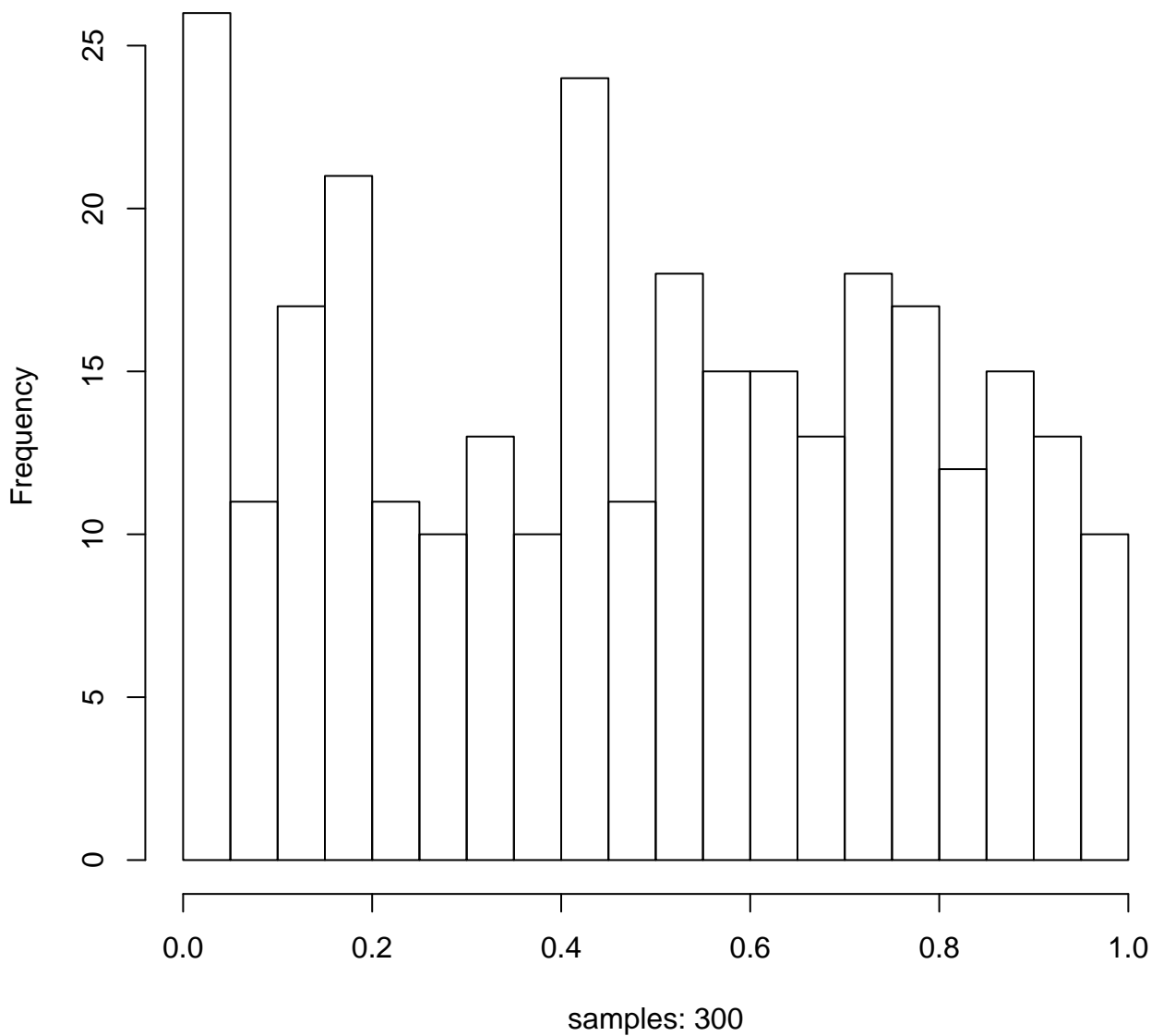
qqPlot of uniform distribution