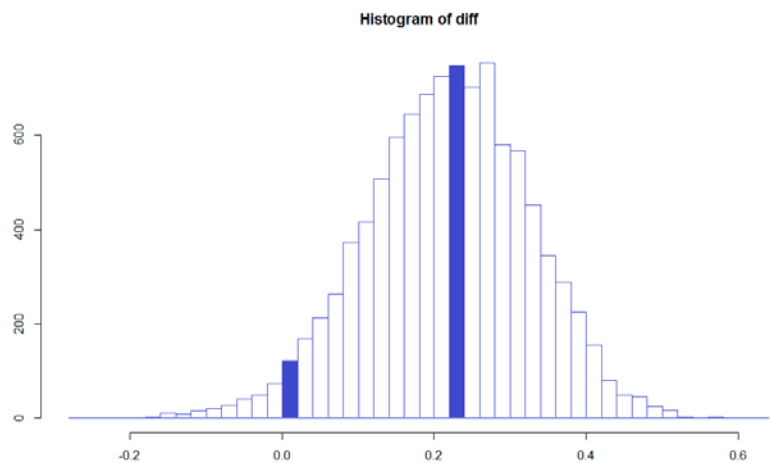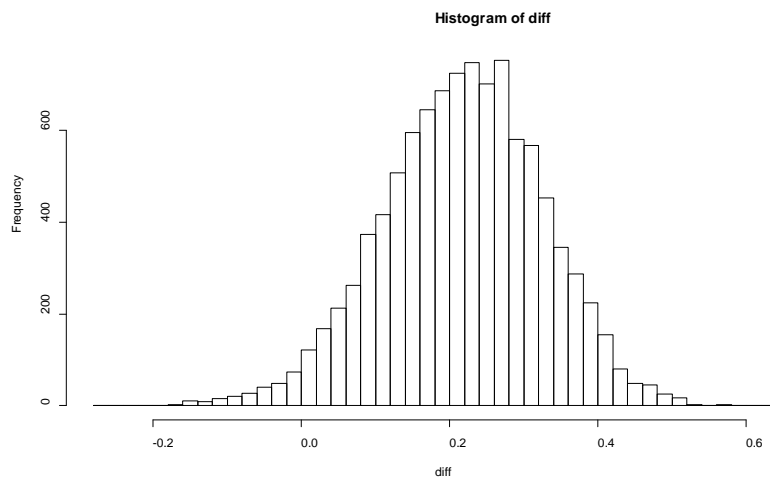**Posterior odds for point null hypothesis**

Example based on example from Hahn (2014), p. 37-38

See **postoddmc.R** (function – requires packages KernSmooth and Bolstad2) and **hahnp37.R**

As intervals get smaller (finer and finer partition of the x-axis), the ratio of the two areas converges on the ratio of the heights of the density at two points:

Compute ratio of height of the density at the mode and at the value under the null hypothesis.

This give posterior odds against the null hypothesis.