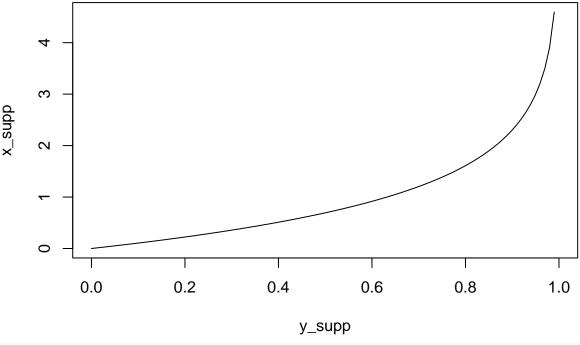
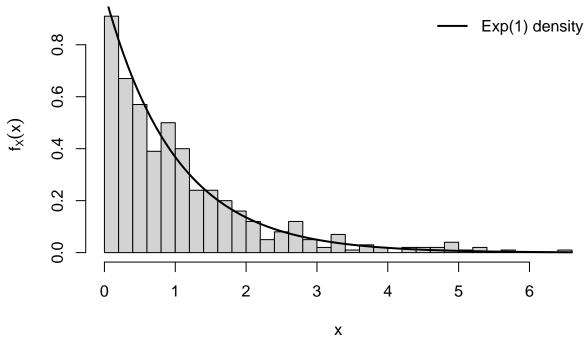
Example: Probability Integral Transform

Generate a random sample from $F_X(x) = 1 - \exp{-xI_{(0,\infty)}(x)}$. Note: $X \sim Exp(\beta = 1)$.

Inverse Transformation from Y to X



500 draws from Exp(1) using PIT



QQ plot for sample using PIT

