

Values of standard normal from R

Example 1:

$$P(Z < 1.32) =$$

By R:

$$>\text{Pnorm}(1.32) = 0.9065825$$

Example 2:

$$P(Z > 1.32) =$$

By R:

$$>1 - \text{Pnorm}(1.32) = 0.0934175$$

Example 3:

$$Z_{0.95}$$

By R:

$$>\text{qnorm}(0.95) = 1.644854$$

Example 4:

$$Z_{0.90}$$

By R:

$$>\text{qnorm}(0.90) = 1.281552$$