

Bosbouwprojecten

4.
$$\begin{aligned} P(x < 720 \mid \mu = 800, \sigma = 33) + P(x > 880 \mid \mu = 800, \sigma = 33) &= \\ &= \text{normalcdf}(-10^{99}, 720, 800, 33) + \text{normalcdf}(880, 10^{99}, 720, 800, 33) \\ &= 0,0153 \end{aligned}$$

5. Met de GR:

$$y_1 = \text{normalcdf}(-10^{99}, 0.98 \cdot 950, 950, x) \qquad y_2 = 0.01$$

intersect $\rightarrow x = 8$

De standaardafwijking σ is dus $8 \text{ m}^3 / \text{ha}$