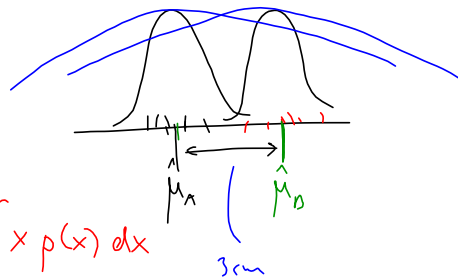
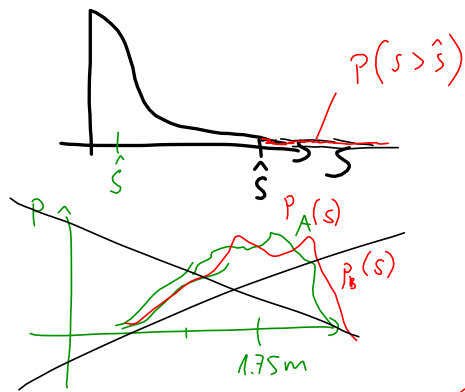
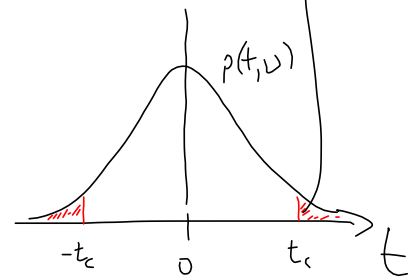


2018-10-17



$$0.025 = \int_{t_c}^{\infty} p(t, \nu) dt$$



$$\mu = \langle x \rangle = \int x p(x) dx$$

$$\hat{\mu} = \frac{1}{N} \sum_{i=1}^N x_i$$

$$\text{Var}(x) = \langle (x - \langle x \rangle)^2 \rangle$$

$$= \int (x - \mu)^2 p(x) dx$$

$$\hat{\sigma}^2 = \text{Var}(x) = \frac{1}{N} \sum_{i=1}^N (x_i - \mu)^2$$

