

Let ξ_1 and ξ_2 be two fuzzy variables with membership functions

$$\mu_1(x) = \exp [-(x - 1)^2], \quad \mu_2(x) = \exp [-(x - 2)^2],$$

respectively. A run of the fuzzy simulation with 3000 cycles shows that the credibility

$$\text{Cr}\{\xi_1 \leq \xi_2\} = 0.61.$$