27-03-2019

$$F(x) = \begin{cases} 1 - \exp(-\lambda x) & \text{se } x \geq 0 \\ 0 & \text{se } x < 0 \end{cases}$$

$\lambda = 0,921$

F o Function (x)

$\{1 - \exp(-0,921 * x)\}$

$P((0,159, 0.222]) = F(0,222) - F(0,159)$

$\overset{!}{=} 0,04869271$ ⇘

$P([-6,783, 6.783)) = F(6.783)$

$\overset{!}{=} 0.398064$ ⇘

$P((0,408, 0.897] \cup (0.911, 0.926]) = F(0.926) - F(0.911)$

$\quad\quad\quad\quad\quad\quad\quad\quad\quad\quad + F(0.897) - F(0.408)$

$\quad\quad\quad\quad\quad\quad\quad = 0,2549535$ ⇘

$P((0.408, 0.897] \cup (0.911, 0.926] \cup (0.159, 0.222]$

$\overset{!}{=} 0,3036462$ ⇘