**Page 3: Equation 2**

$f\_{ξ,β}\left(x\right)=\left\{\begin{array}{c}\frac{1}{σ}\left(1+ξ\frac{(x-u)}{β}\right) ^{- \frac{1}{ξ}-1} if ξ>0 \\\frac{1}{β}e^{-\frac{x\_{i}-u}{β}} if ξ=0\\\frac{1}{β}\left\{1-\left(-ξ\right)\frac{(x-u)}{β}\right\}^{-\frac{1}{ξ}-1} if ξ<0 \end{array}\right.$ (Eqn 2)

*Add a minus sign to the equation as illustrated in red in the function below*

$f\_{ξ,β}\left(x\right)=\left\{\begin{array}{c}\frac{1}{β}\left(1+ξ\frac{(x-u)}{β}\right) ^{- \frac{1}{ξ}-1} if ξ>0 \\\frac{1}{β}e^{-\frac{x\_{i}-u}{β}} if ξ=0\\\frac{1}{β}\left\{1-\left(-ξ\right)\frac{(x-u)}{β}\right\}^{-\frac{1}{ξ}-1} if ξ<0 \end{array}\right.$ (Eqn 2)