$$P\left(-t\langle z\langle t\rangle = \Lambda - \lambda\right)$$

$$P\left(\frac{1}{X_m} - \frac{tS_n}{\sqrt{n-1}} \left(m \left(\frac{1}{X_m} + \frac{tS_n}{\sqrt{n-1}}\right) = 1 - \lambda\right)$$