

Exponential SRM

$$\Lambda(t) = aF(t), \quad F(t) = 1 - e^{-\beta t} \quad (1)$$

Gamma SRM

$$\Lambda(t) = aF(t), \quad F(t) = \int_0^t \frac{\beta^\alpha s^{\alpha-1} e^{-\beta s}}{\Gamma(\alpha)} ds \quad (2)$$

Normal SRM

$$\Lambda(t) = a \frac{F(t) - F(0)}{1 - F(0)}, \quad F(t) = \frac{1}{\sqrt{2\pi\sigma}} \int_{-\infty}^t e^{-\frac{(s-\mu)^2}{2\sigma^2}} ds \quad (3)$$

Log-Normal SRM

$$\Lambda(t) = aF(\log t), \quad F(t) = \frac{1}{\sqrt{2\pi\sigma}} \int_{-\infty}^t e^{-\frac{(s-\mu)^2}{2\sigma^2}} ds \quad (4)$$

Logistic SRM

$$\Lambda(t) = a \frac{F(t) - F(0)}{1 - F(0)}, \quad F(t) = \frac{1}{1 + e^{-\frac{t-\mu}{\phi}}} \quad (5)$$

Log-Logistic SRM

$$\Lambda(t) = aF(\log t), \quad F(t) = \frac{1}{1 + e^{-\frac{t-\mu}{\phi}}} \quad (6)$$

Extreme-Value Max SRM

$$\Lambda(t) = a \frac{F(t) - F(0)}{1 - F(0)}, \quad F(t) = \exp\left(-\exp\left\{-\frac{t-\mu}{\theta}\right\}\right) \quad (7)$$

Log-Extreme-Value Max SRM

$$\Lambda(t) = aF(\log t), \quad F(t) = \exp\left(-\exp\left\{-\frac{t-\mu}{\theta}\right\}\right) \quad (8)$$

Extreme-Value Min SRM

$$\Lambda(t) = a \frac{F(0) - F(-t)}{F(0)}, \quad F(t) = \exp\left(-\exp\left\{-\frac{t-\mu}{\theta}\right\}\right) \quad (9)$$

Log-Extreme-Value Min SRM

$$\Lambda(t) = a(1 - F(-t)), \quad F(t) = \exp\left(-\exp\left\{-\frac{t-\mu}{\theta}\right\}\right) \quad (10)$$