Modell	Formula		Description
Inverse Power	$a_{IP}D^{-b_{IP}}$	a_{IP}	**shape parameter**
(IP)		b_{IP}	
Bullock and Clarke (2000)			
Negative Exponential	$a_{NE}b_{NE}\exp\left(-b_{NE}D\right)$	a_{NE}	
(NE)		b_{NE}	
Clark et al. (1999)			
Normal	$a_{NM}\frac{1}{\sigma_{NM}\sqrt{2\pi}}\exp\left(-\frac{(D-\mu_{NM})^2}{\sigma_{NM}^2}\right)$	a_{NM}	
(NM)		μ_{NM}	
		σ_{NM}	
LogNormal	$a_{LNM}\frac{1}{\sigma_{LNM}\sqrt{2\pi}D}\exp\left(-\frac{(\log(D)-\mu_{LNM})^2}{2\sigma_{LNM}^2}\right)$	a_{LNM}	
(LNM)		μ_{LNM}	
		σ_{LNM}	
Weibull	$a_{WB}\frac{\gamma_{WB}}{\alpha_{WB}}\left(\frac{D}{\alpha_{WB}}\right)^{\gamma_{WB}-1}\exp\left(-\left(\frac{D}{\alpha_{WB}}\right)^{\gamma_{WB}}\right)$	a_{WB}	
(WB)		α_{WB}	
		γ_{WB}	
2DT	$a_{2DT}\frac{p_{2DT}}{\pi u_{2DT}\left(1+\frac{D^2}{u_{2DT}}\right)^{p_{2DT}+1}}$	a_{2DT}	
(2DT)		p_{2DT}	
Clark et al. (1999)		u_{2DT}	
Mixed Modell	$a_{IP}\left(IP+pNE_{IP\_NE}\cdot NE\right)$	a_{IP_NE}	
(IP_NE)		$IP_{IP\_NE}b$	
Bullock and Clarke (2000)		pNE_{IP_NE}	
		$NE_{IP\_NE}b$	
Mixed Distribution	$a_{WB\_NE}\left(p_{WB\_NE}\cdot WB+\left(1-p_{WB\_NE}\right)NE\right)$	a_{WB_NE}	
(WB_NE)		p_{WB_NE}	
Higgins et al. (2003)		$WB_{WB\_NE}\alpha$	
		$WB_{WB\_NE}\gamma$	
		$NE_{WB\_NE}b$	