\overline{X}

2 Dimensional Probability of Identity, $\psi(x)$

$$\psi \propto \frac{D_{\alpha}}{\rho \mu^2} x^{-2-\alpha}$$

$$\psi \propto \frac{x^{-2+\alpha}}{D_{\alpha} \rho}$$

Initial Contact
$$\psi \sim \delta^{-2+\alpha}/(D_{\alpha}\rho)$$

Diffusive Spreading

$$\psi \sim \frac{\text{Log}(\bar{x}/x)}{D_2 \rho}$$

Initial Contact $\psi \sim \text{Log}(\overline{x}/\delta)/(D_2\rho)$

2

Tail Parameter, α