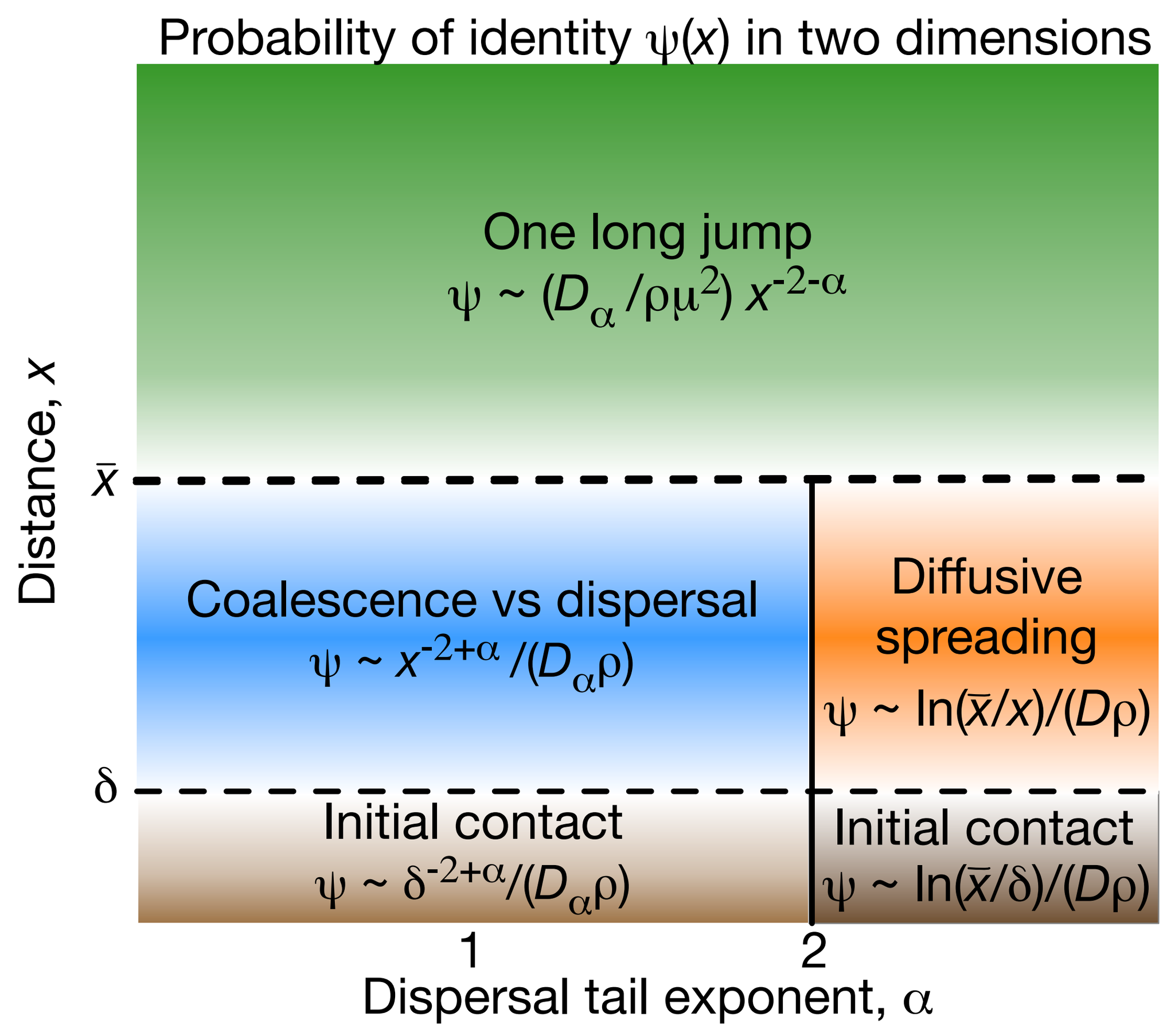
Probability of identity ψ(x) in two dimensions
One long jump
ψ ~ (D_α /ρμ^2) x^-2-α
Distance, x
x̄
Coalescence vs dispersal
ψ ~ x^-2+α /(D_αρ)
Diffusive spreading
ψ ~ ln(x̄/x)/(Dρ)
δ
Initial contact
ψ ~ δ^-2+α/(D_αρ)
Initial contact
ψ ~ ln(x̄/δ)/(Dρ)
1
2
Dispersal tail exponent, α