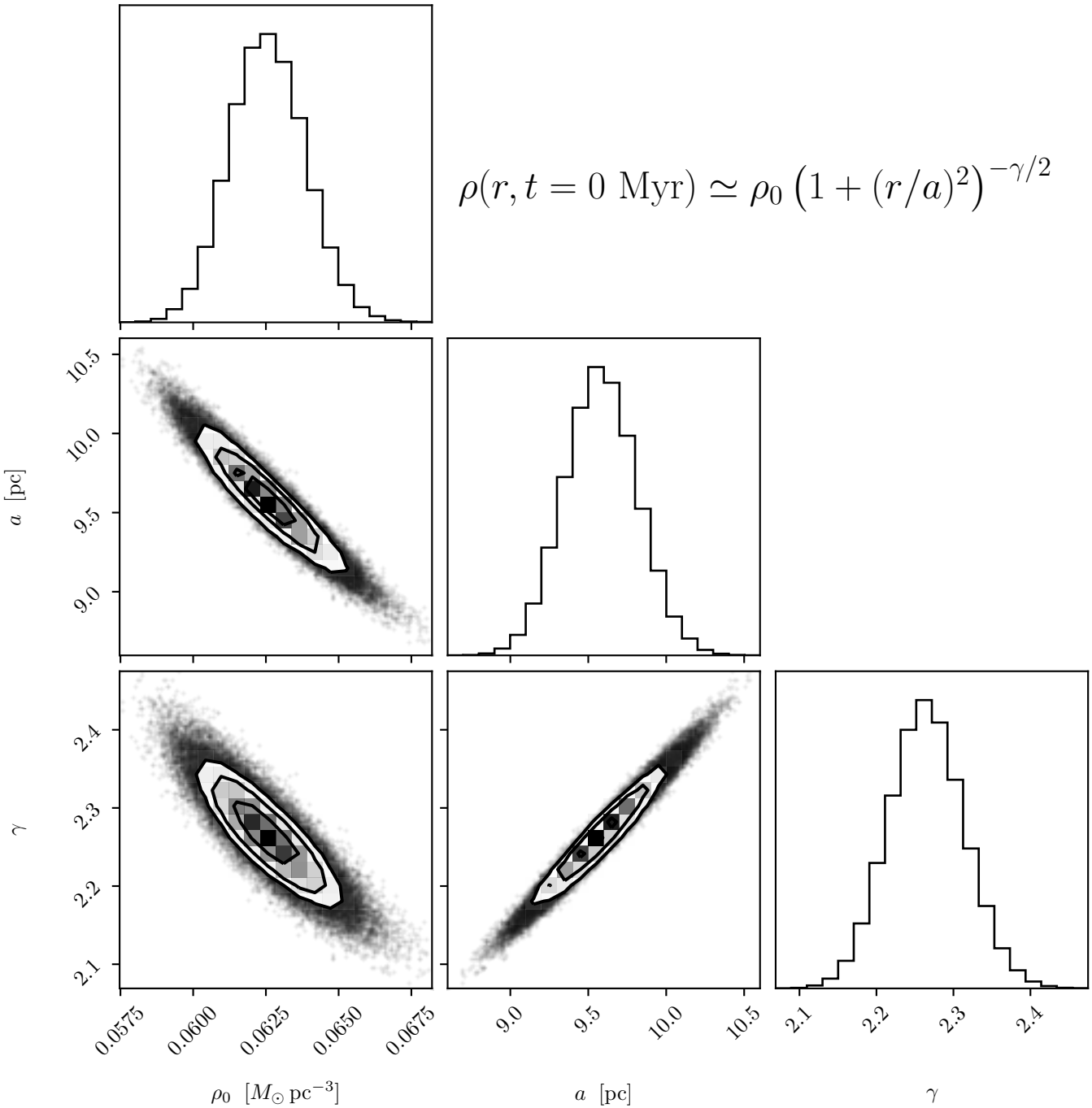
$\rho(r, t = 0\ \mathrm{Myr}) \simeq \rho_0 \left(1 + (r/a)^2\right)^{-\gamma/2}$
a [pc]
γ
ρ_0 [$M_\odot$ pc^{-3}]
a [pc]
γ
0.0575
0.0600
0.0625
0.0650
0.0675
9.0
9.5
10.0
10.5
2.1
2.2
2.3
2.4