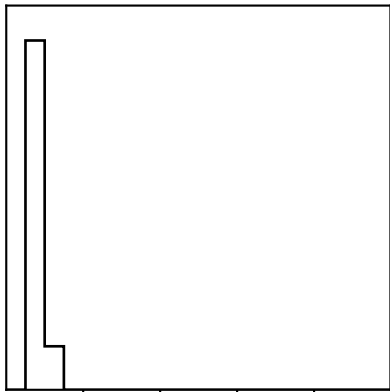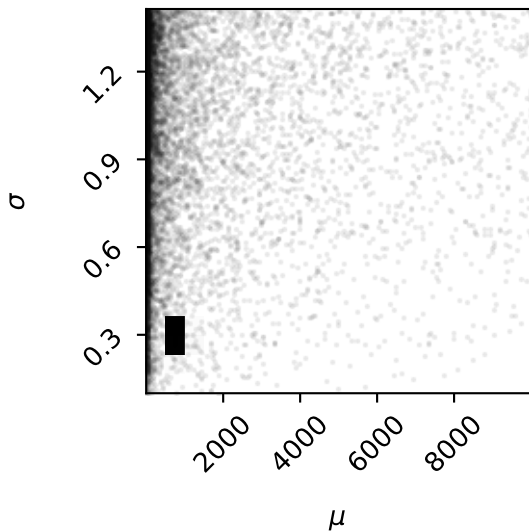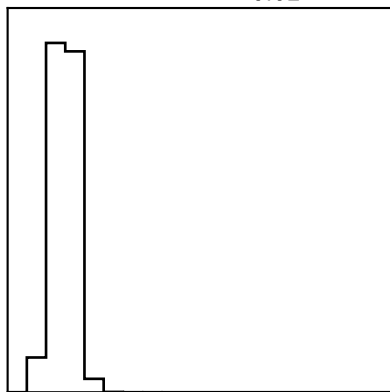$\mu = 846.70^{+121.65}_{-70.98}$

$\sigma = 0.29^{+0.03}_{-0.02}$