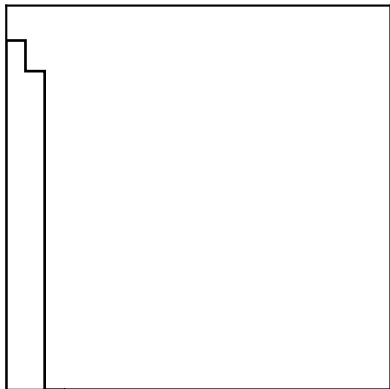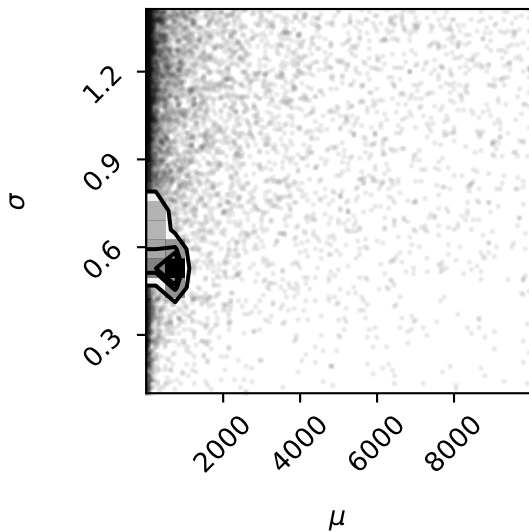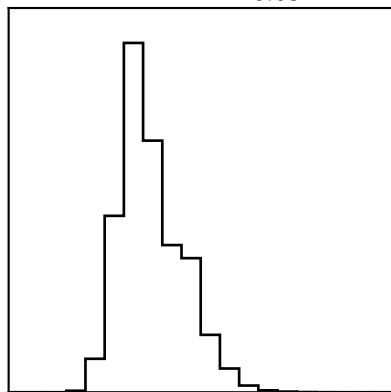$\mu = 485.32^{+118.79}_{-120.35}$

$\sigma = 0.57^{+0.13}_{-0.09}$

Test