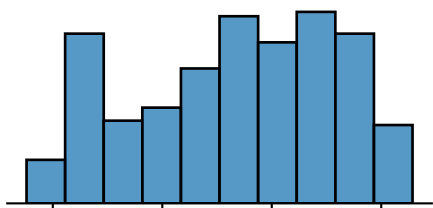
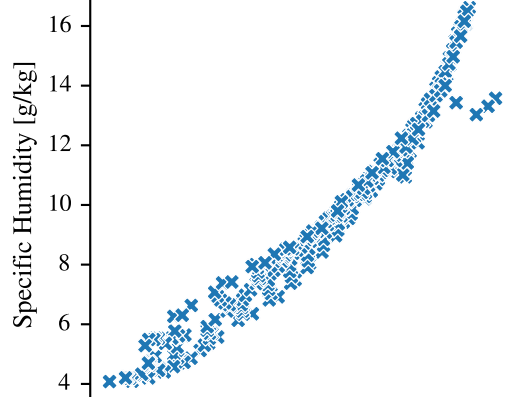
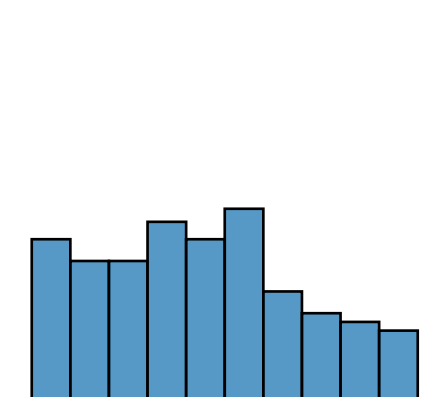
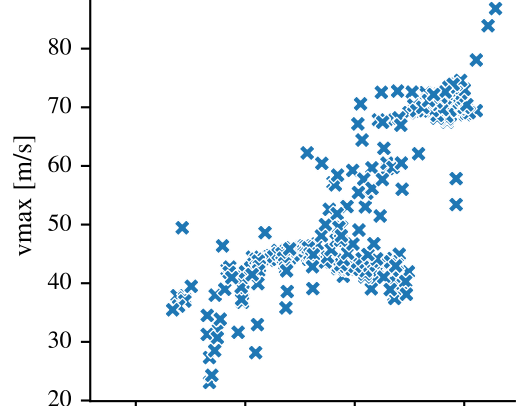
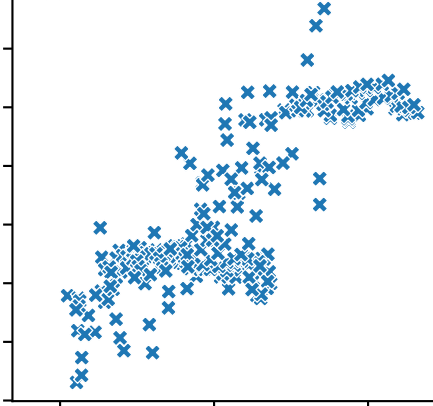
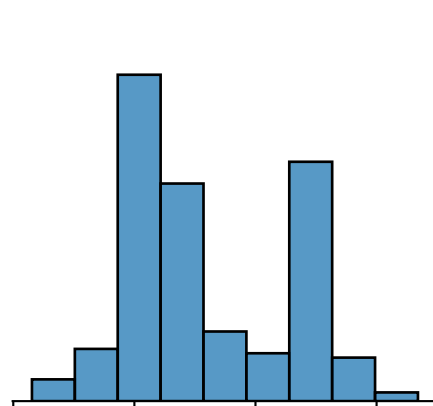
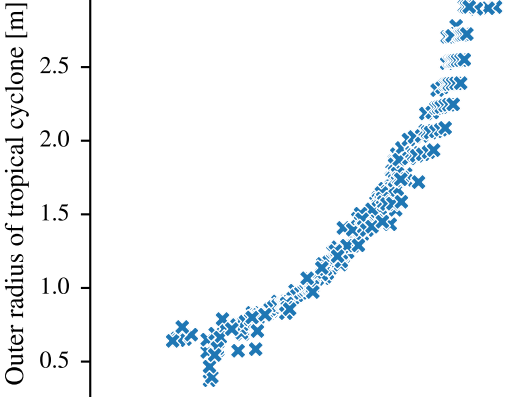
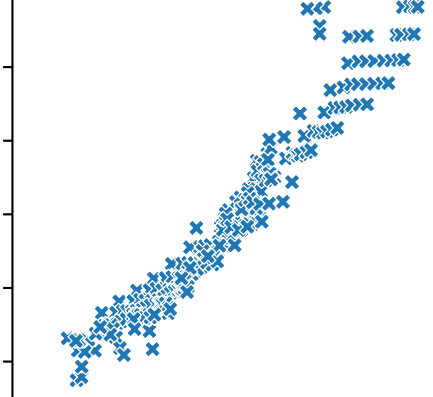
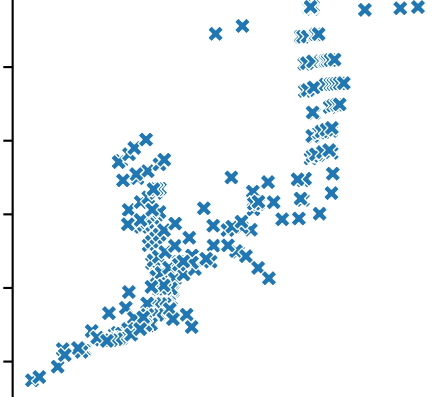
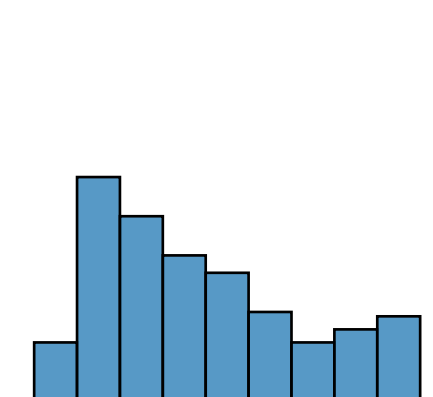
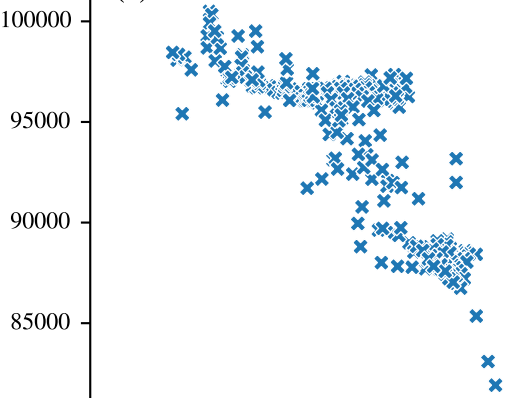
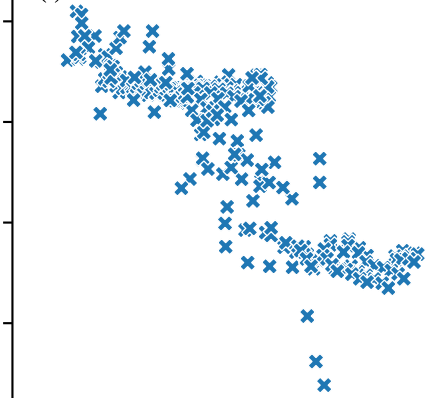
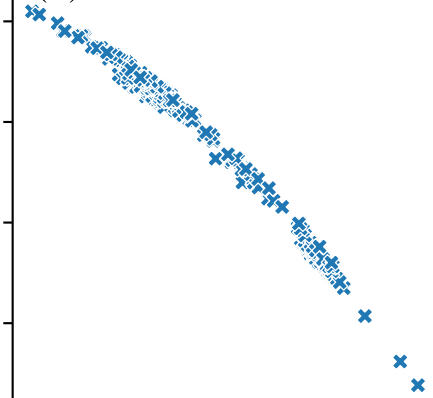
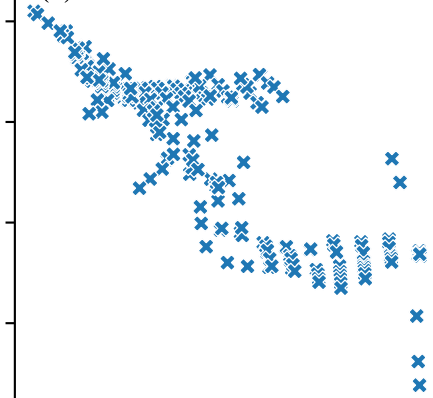
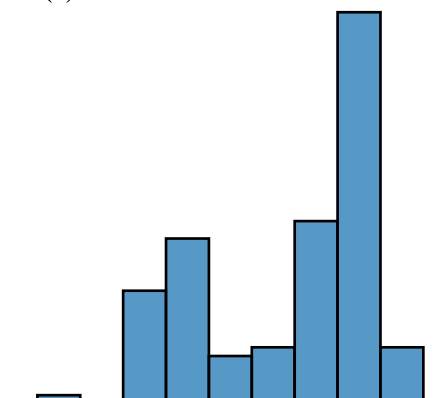
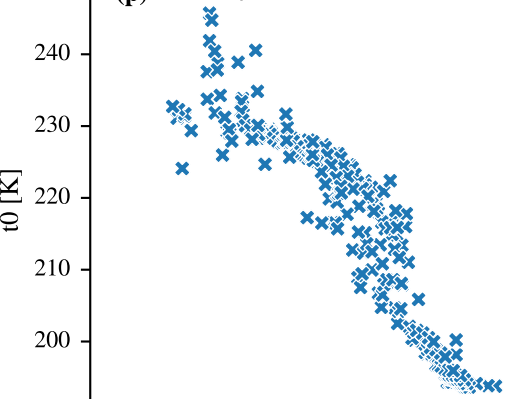
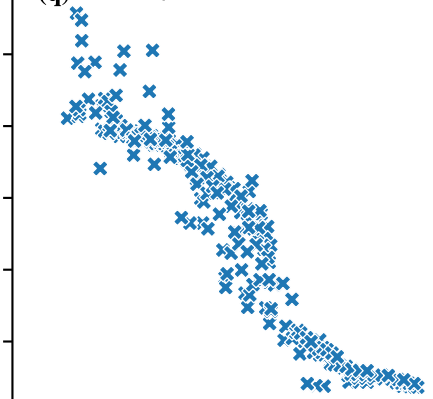
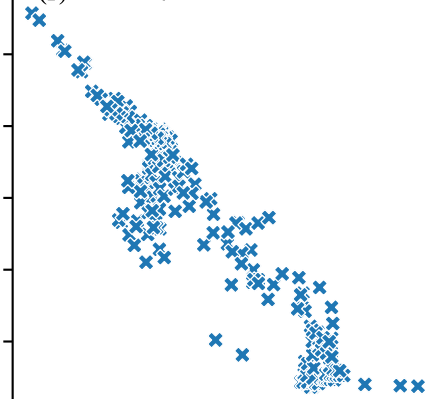
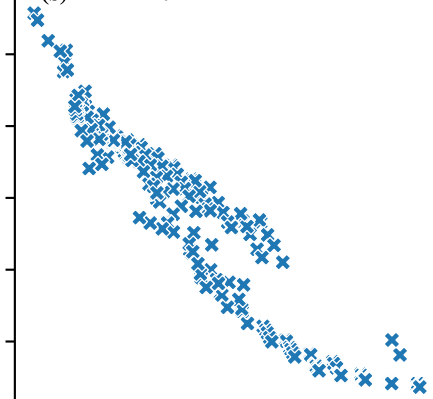
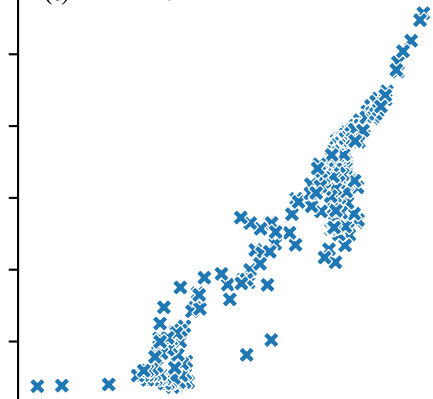
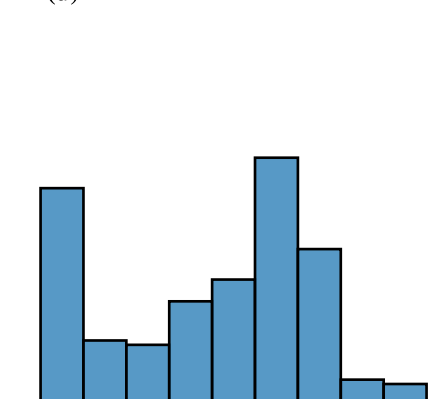


**(a)****(b)** $\rho = 0.97$ **(c)****(d)** $\rho = 0.80$ **(e)** $\rho = 0.83$ **(f)****(g)** $\rho = 0.95$ **(h)** $\rho = 0.96$ **(i)** $\rho = 0.82$ **(j)****(k)** $\rho = -0.82$ **(l)** $\rho = -0.86$ **(m)** $\rho = -0.99$ **(n)** $\rho = -0.86$ **(o)****(p)** $\rho = -0.92$ **(q)** $\rho = -0.95$ **(r)** $\rho = -0.94$ **(s)** $\rho = -0.96$ **(t)** $\rho = 0.95$ **(u)**

Air Temperature [degC]

Specific Humidity [g/kg]

vmax [m/s]

Outer radius of tropical cyclone [ $\times 10^6$  m]

Central pressure [Pa]

t0 [K]