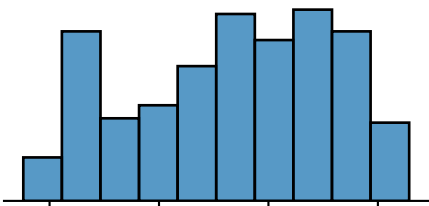
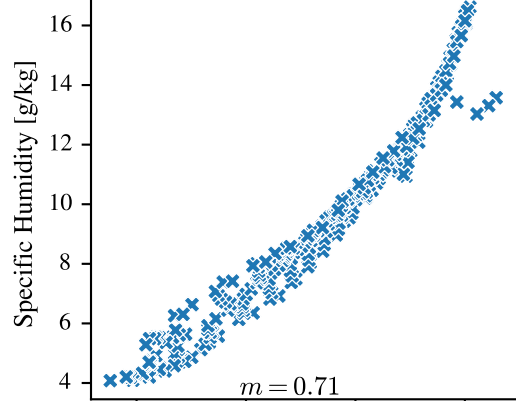


(a)

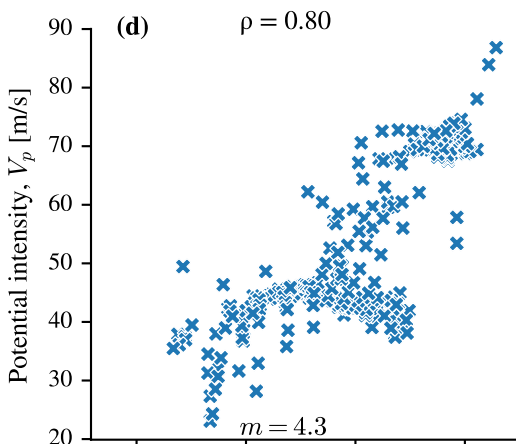
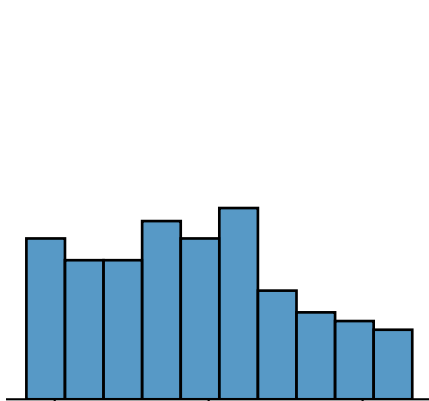


(b)

$$\rho = 0.97$$

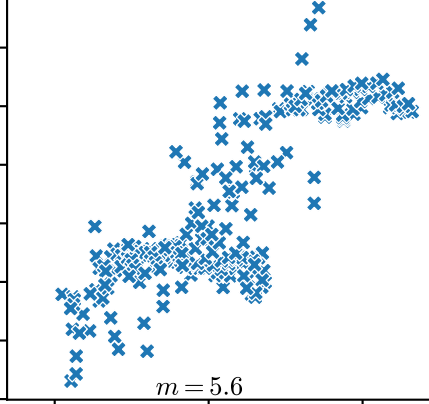


(c)

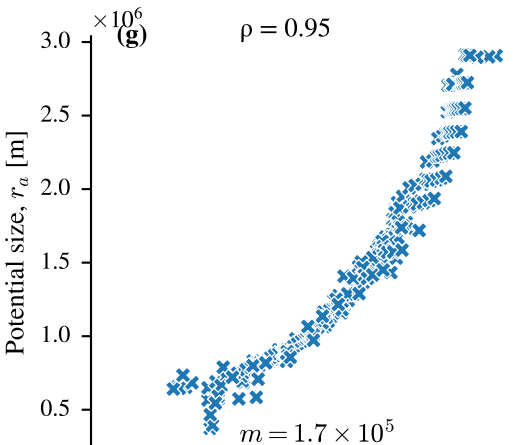
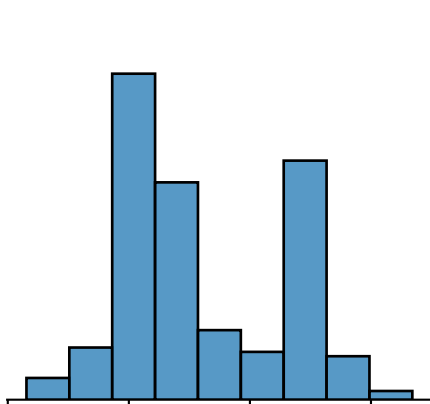


(e)

$$\rho = 0.83$$

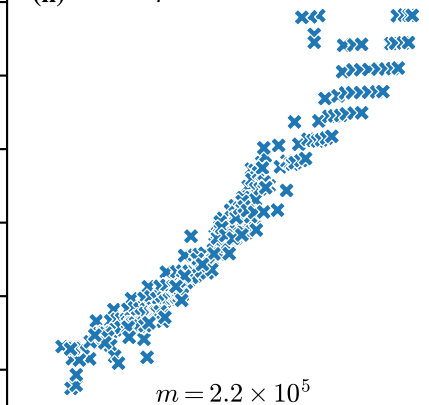


(f)



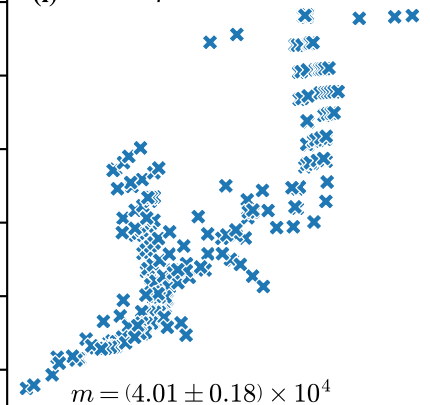
(h)

$$\rho = 0.96$$

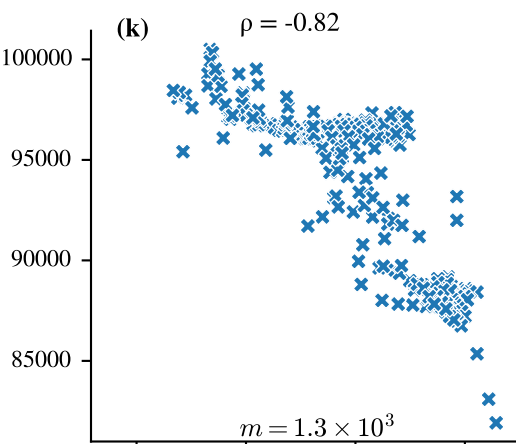
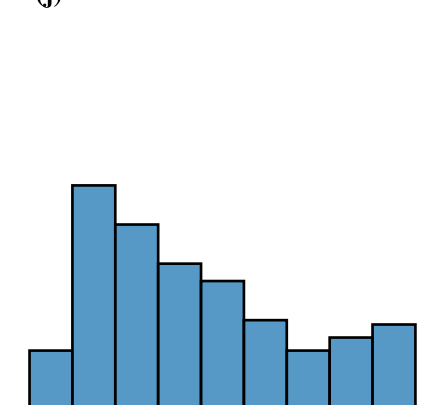


(i)

$$\rho = 0.82$$

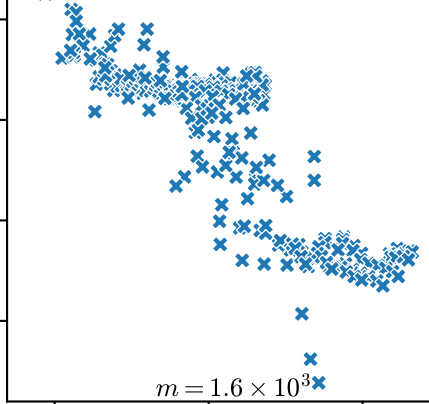


(j)



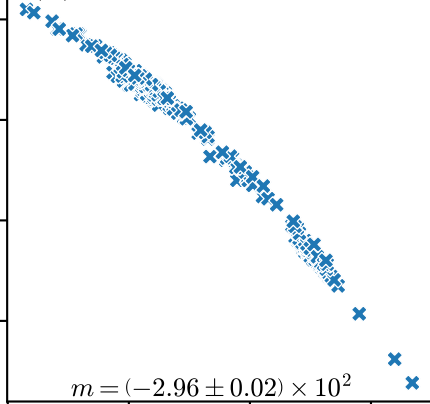
(l)

$$\rho = -0.86$$



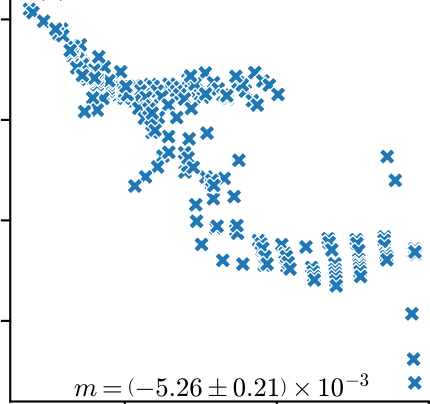
(m)

$$\rho = -0.99$$

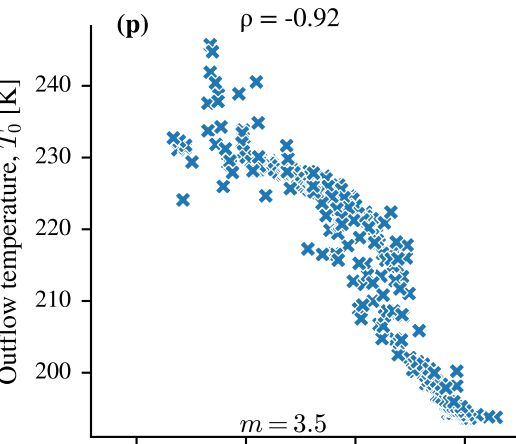
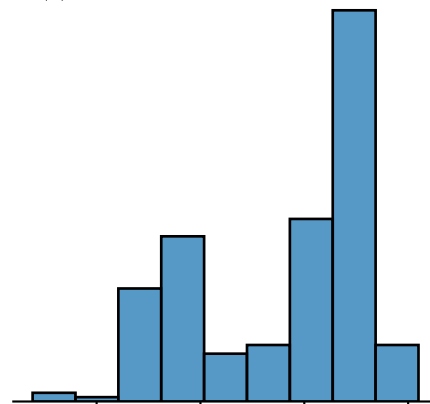


(n)

$$\rho = -0.86$$

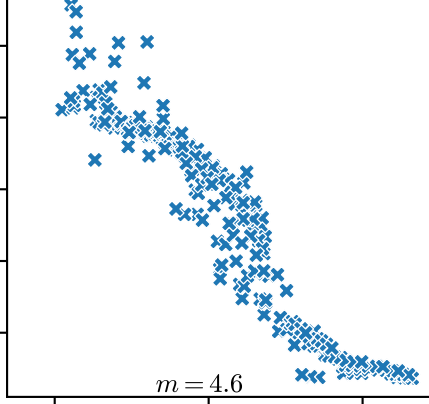


(o)



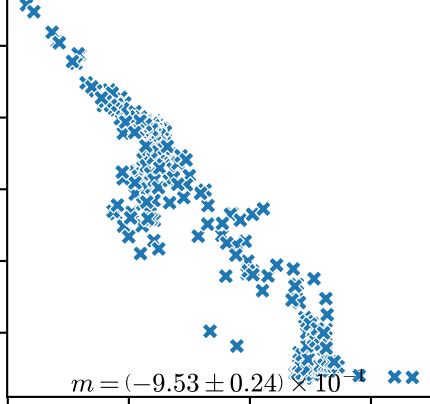
(q)

$$\rho = -0.95$$



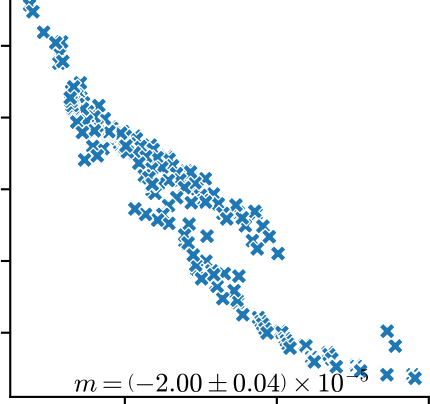
(r)

$$\rho = -0.94$$



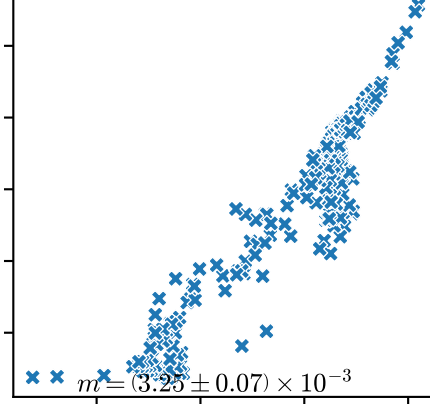
(s)

$$\rho = -0.96$$

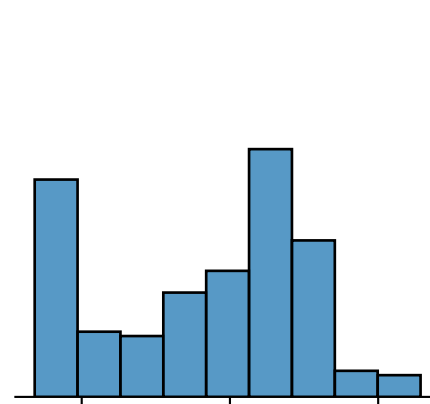


(t)

$$\rho = 0.95$$



(u)

Surface air temperature,  $T_a$  [°C]

Specific Humidity [g/kg]

Potential intensity,  $V_p$  [m/s]Potential size,  $r_a$  [m]Central pressure,  $p_c$  [Pa]Outflow temperature,  $T_0$  [K]