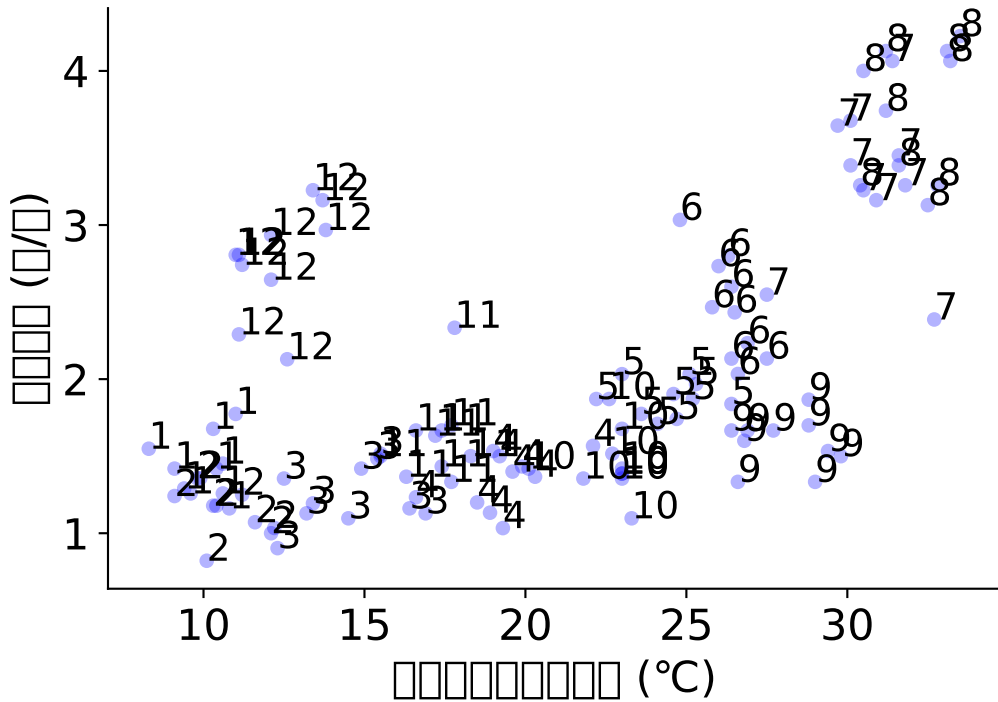
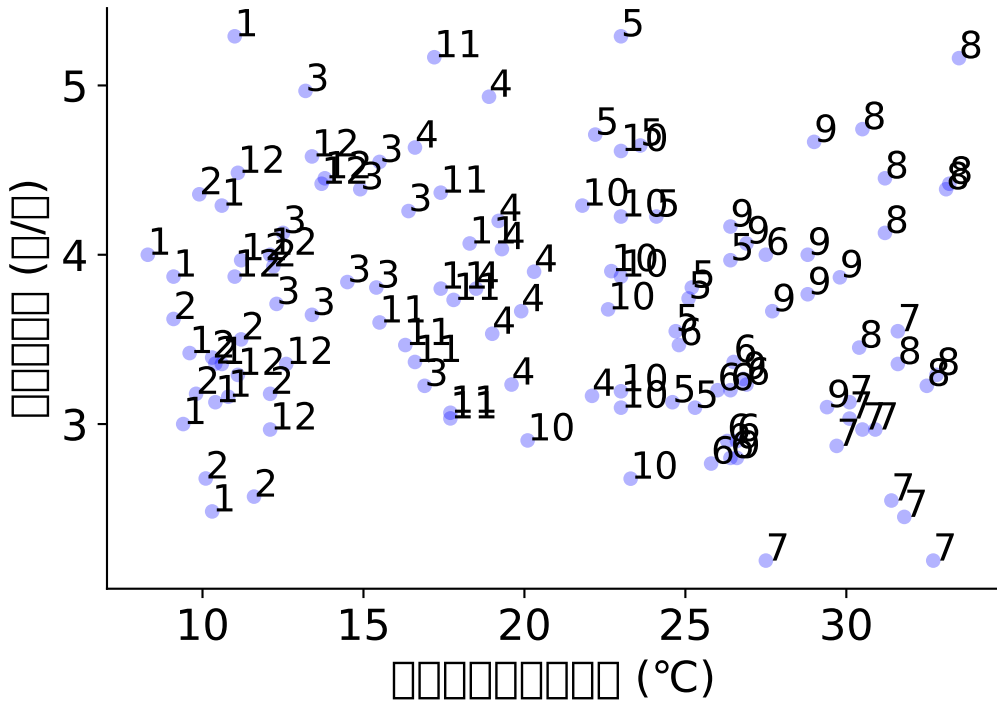


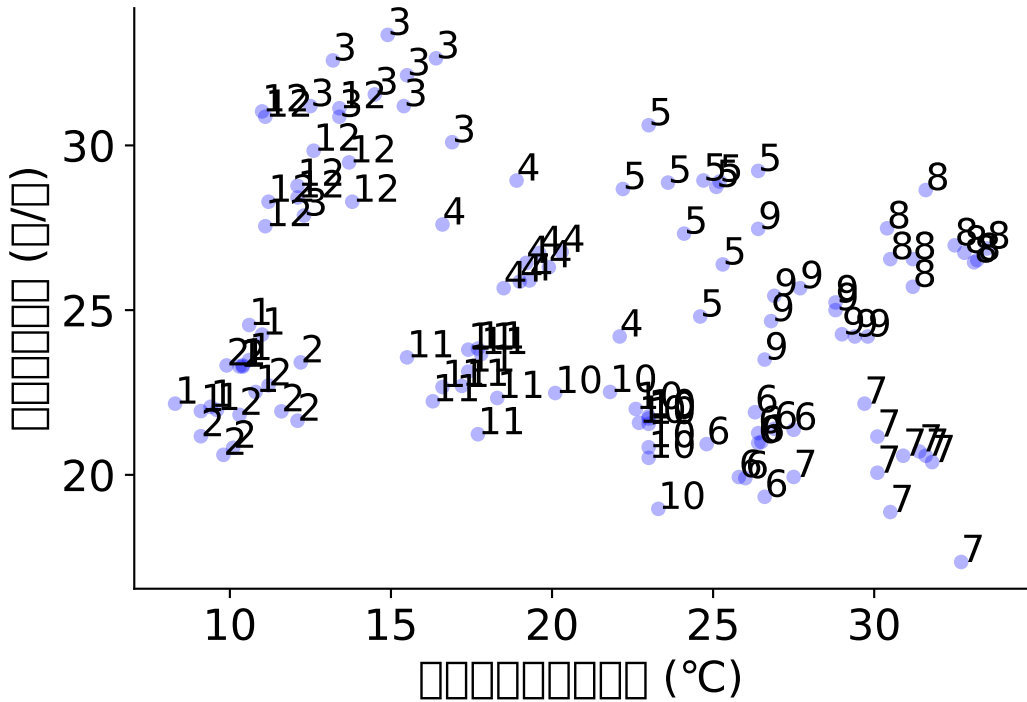
Pearson's  $r = 0.58$



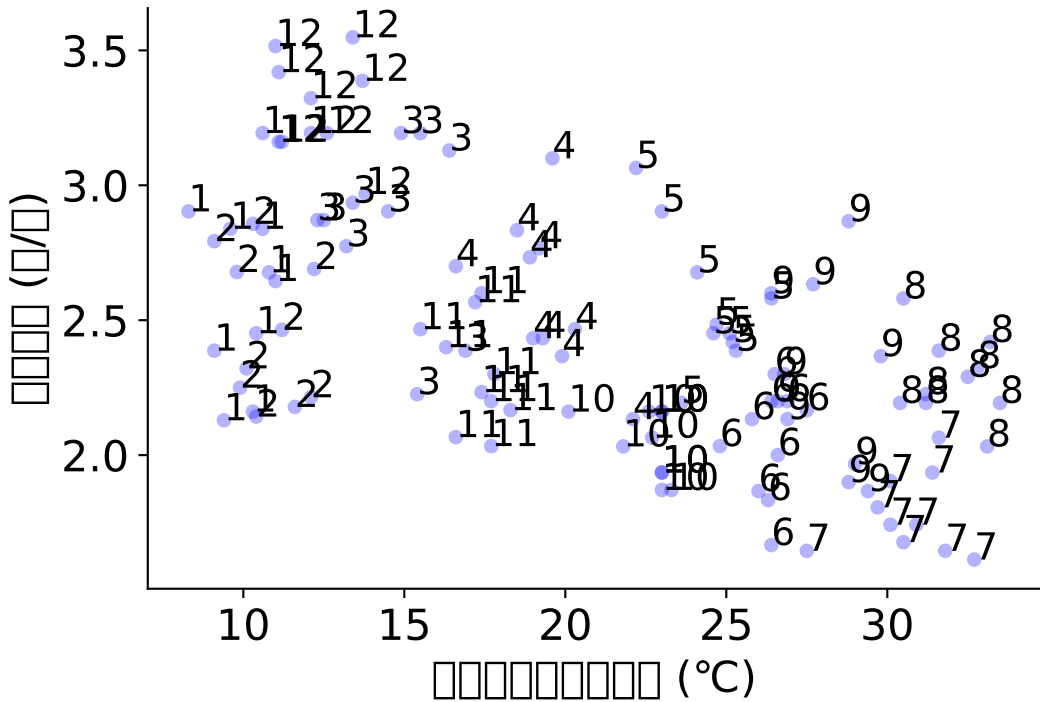
Pearson's  $r = -0.12$



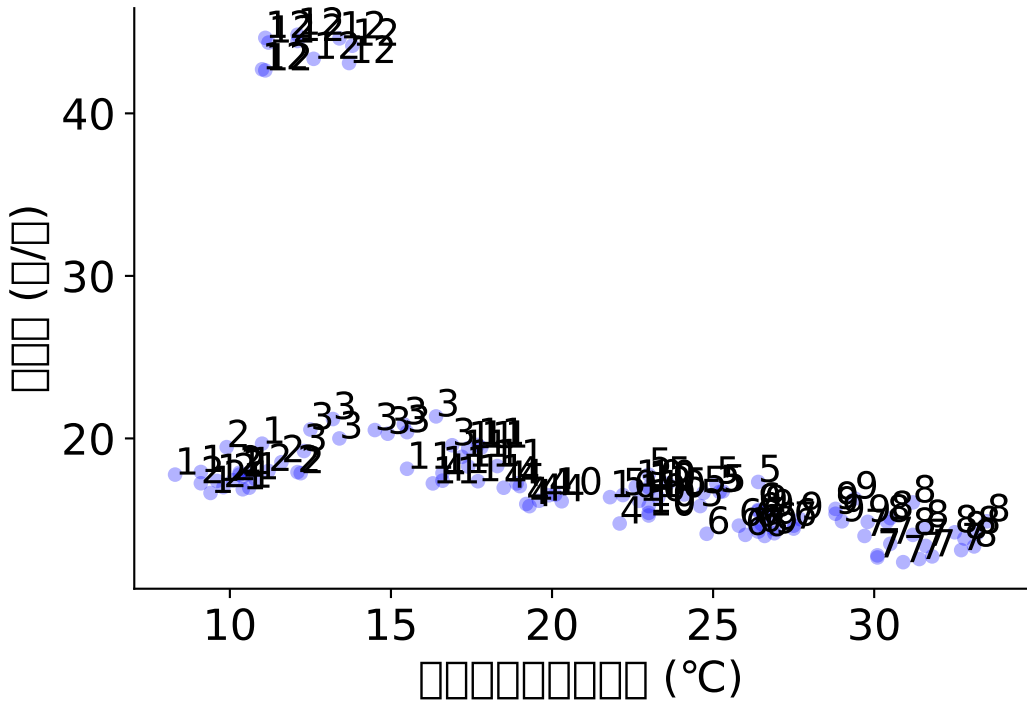
Pearson's  $r = -0.20$



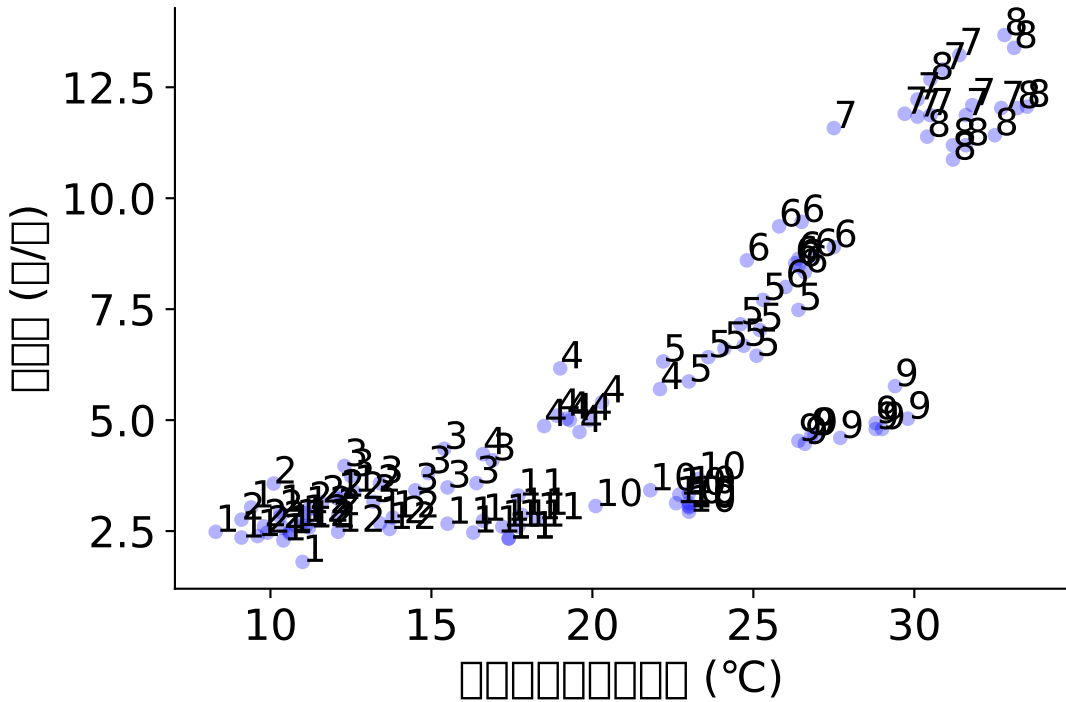
Pearson's  $r = -0.60$



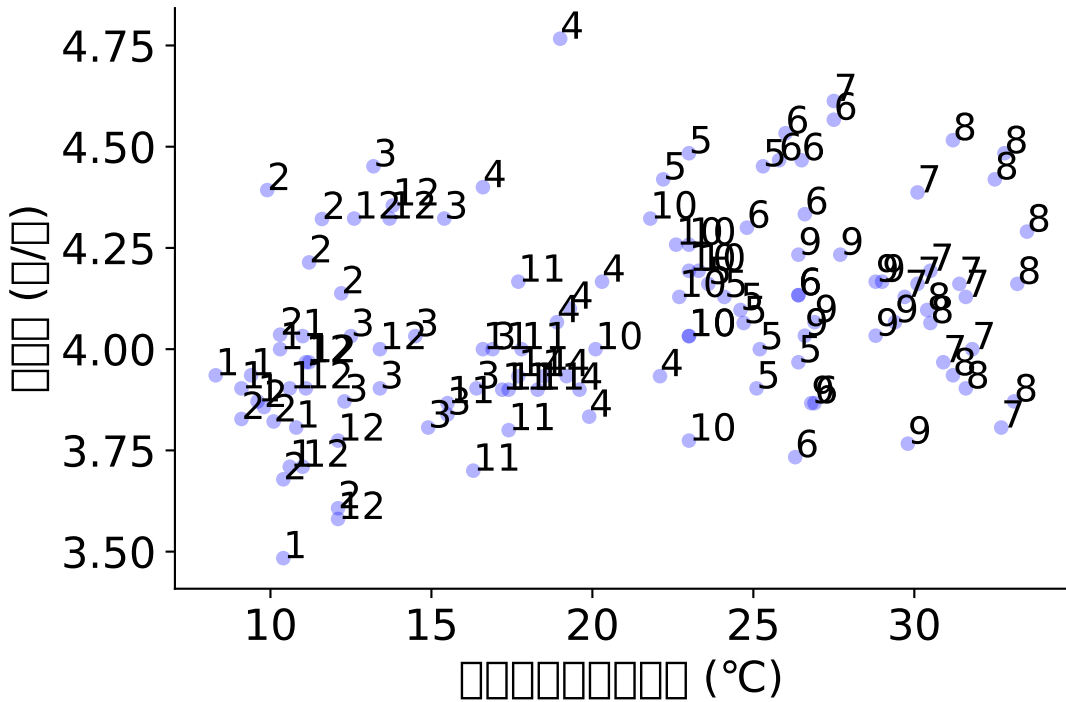
Pearson's  $r = -0.51$



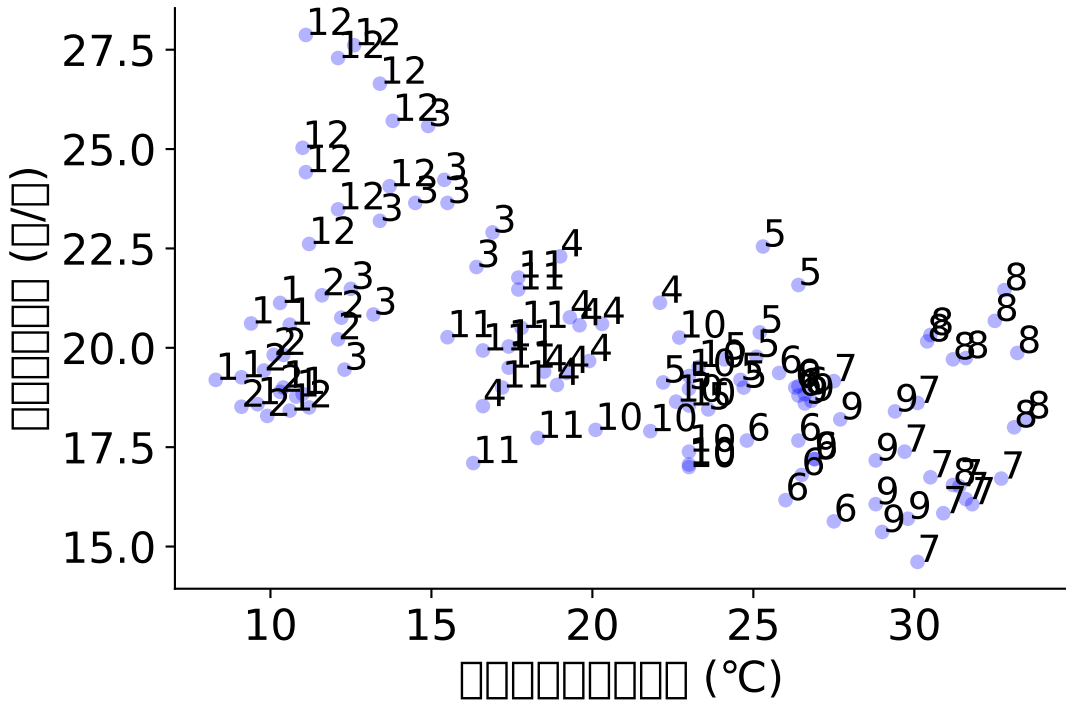
Pearson's  $r = 0.83$



Pearson's  $r = 0.35$

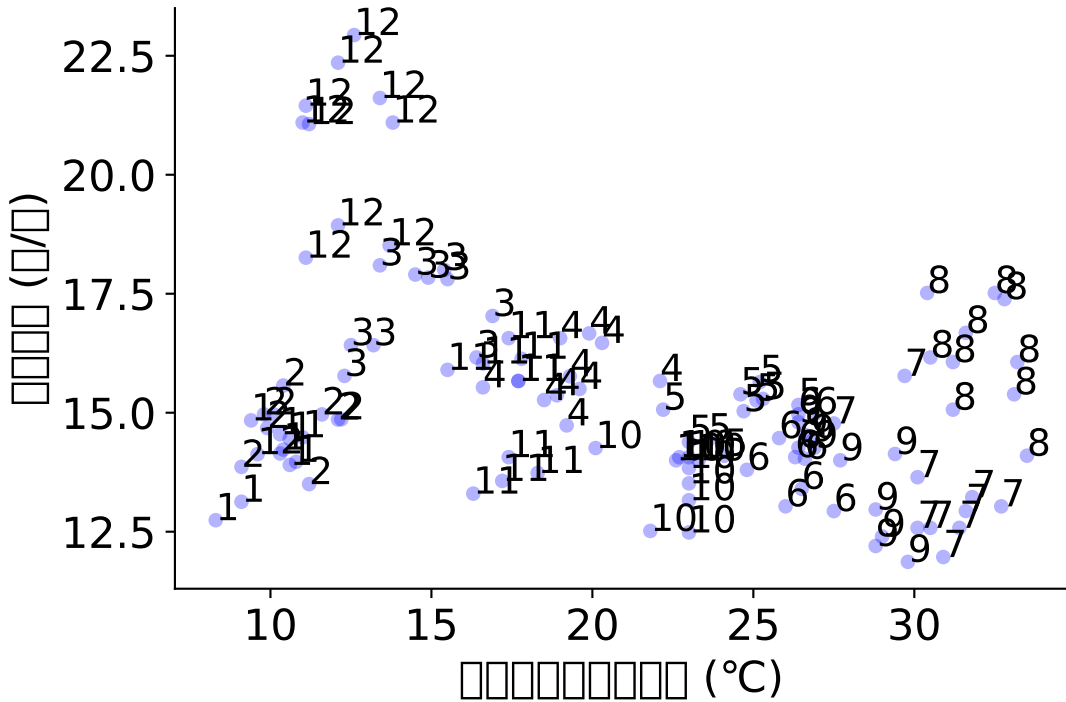


Pearson's  $r = -0.52$

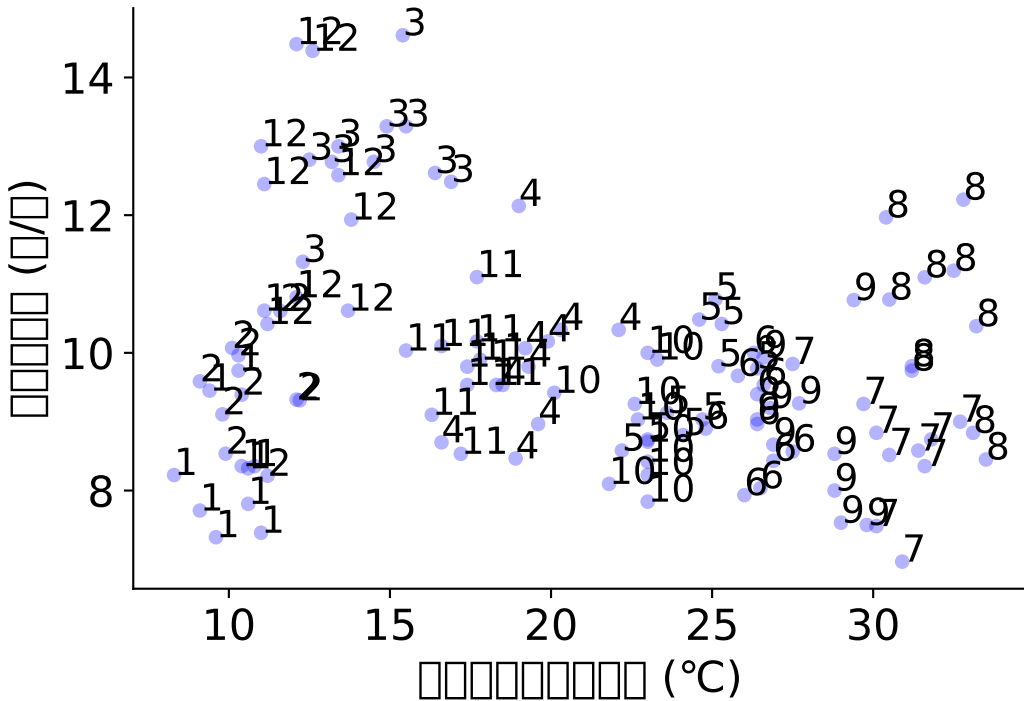




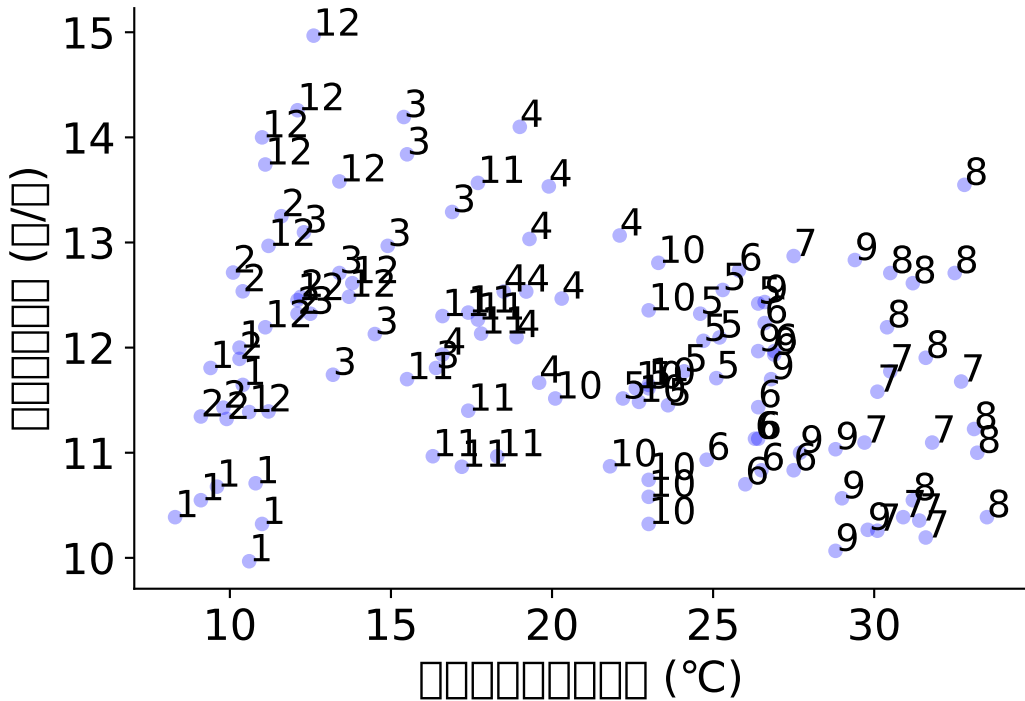
Pearson's  $r = -0.37$



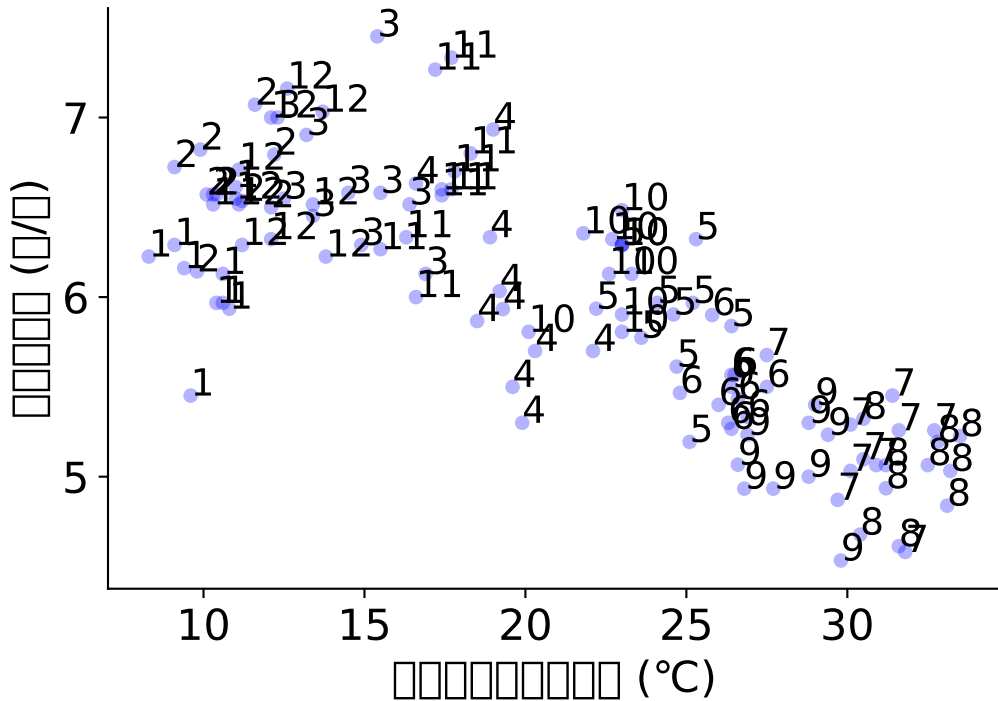
Pearson's  $r = -0.26$



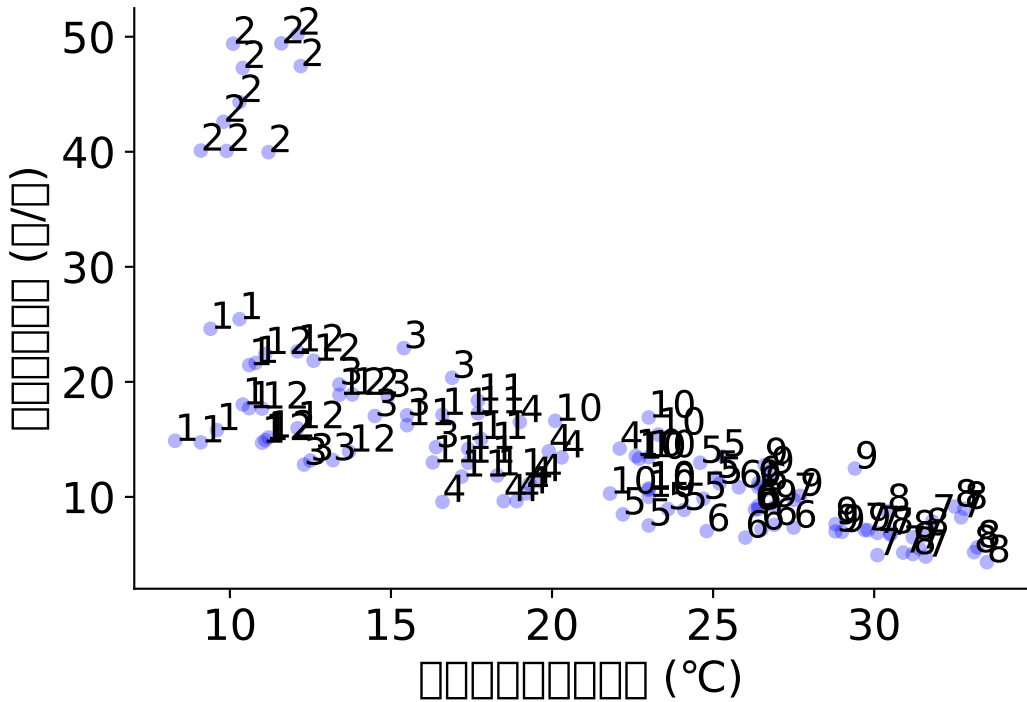
Pearson's  $r = -0.27$



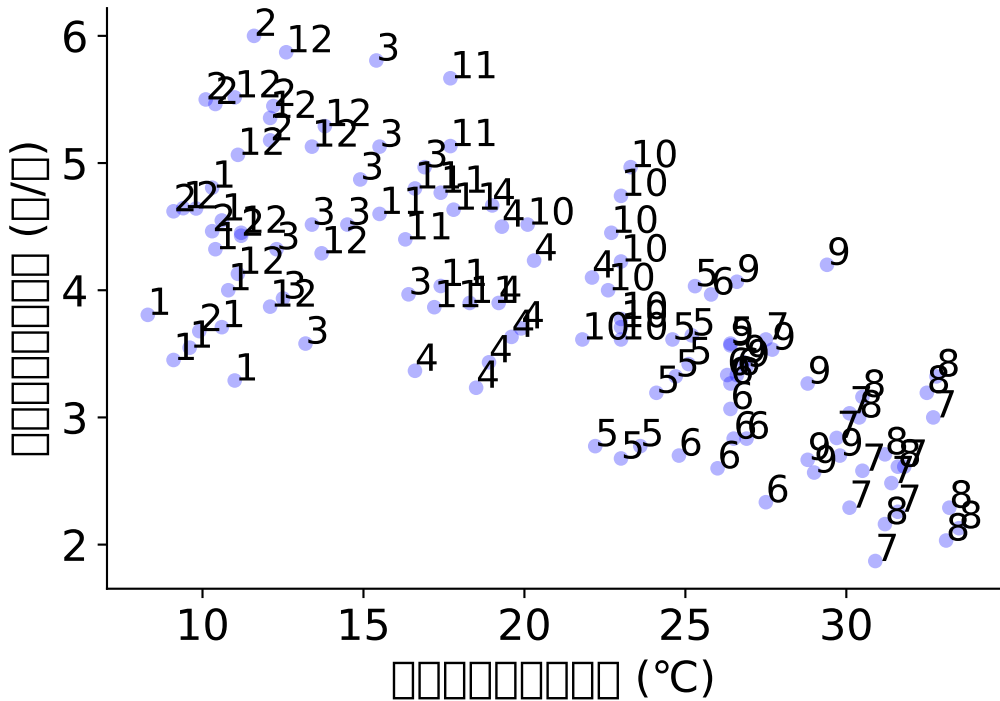
Pearson's  $r = -0.79$



Pearson's  $r = -0.70$



Pearson's  $r = -0.73$



Pearson's  $r = 0.90$

