

Fit Eq. 10–12 to $\{\bar{u}_i, s_i, \tau_i\}$ from 28 stations

For all stations

Step 1

u_i^{obs}, T_i^{era} $\xrightarrow{\text{Fit Eq. 1}}$ Best-fit $\{\bar{u}_i, s_i, \tau_i\}$



Fit Eq. 1 to data from 28 stations

Step 2

$\{\bar{u}_i\} \xrightarrow{\text{Fit Eq. 10}} \text{Best-fit } \beta_1$
 $\{s_i\} \xrightarrow{\text{Fit Eq. 11}} \text{Best-fit } \beta_2$
 $\{\tau_i\} \xrightarrow{\text{Fit Eq. 12}} \text{Best-fit } \beta_3$



Predicting winds in an ungauged glacier

Easy-to-access variables

Step 3

