```
??-0.08ms^{-1}
                                   ??-0.08ms^{-1}
??-0.12ms^{-1}
-0.27ms^{-1}
-0.014ms^{-1} -0.006ms^{-1}
-0.19ms^{-1} -0.10ms^{-1}
                               -0.19ms^{-1} - 0.10ms^{-1} \\ km \\ ???? \\ CMDCNCEI - CMDCNCEICMDCLocations of NCEI - CMDC stations, black denotes NCEI stations, greydenote 2.5 \times \\ 2.5 \times \\ mPa\sigma = \\ m995 \\ 1.9 \times \\ 1.9 \times \\ m \\ 0.75 \times \\
   y = \beta_0 + \beta_1 x + \varepsilon
(1)
                                   \stackrel{'}{\underset{\varepsilon}{\beta_0}}\beta_1\beta_1xy
                                     \beta = \left(X^T X\right)^{-1} X^T Y
     (2)
                                       X\beta Y
(4) \begin{array}{c} \sqrt{n_1} \\ x_1 \overline{x_2} \sigma_1 \\ \sigma_1^2 \\ n_2 tt \\ ms^{-1} \\ ms^{-1} decade^{-1} \\ -0.081 ms^{-1} \\ ms^{-1} \end{array}
                                   ms^{-}
ms^{-1}
????????
                                     ms^{-}
                                   ms^{-1}
                                   ms^{-1}

ms^{-1}

ms^{-1}

ms^{-1}

ms^{-1}
                                     \dot{ms}^{-1}
                                     ms^{-1}
                                   ms^{-1}
                                     ms^{-1}

ms^{-1}

ms^{-1}
                                     ms??
                                     \dot{m}s^{-1}
                                   ms-1
ms-1
??
                                     ms^{-1}
                                     ms^{-1}
                                     ms^{-1}decade^{-1}
                                 ms^{-1}acc
ms^{-1}
ms^{-1}decade^{-1}
```

ms ?? ?? ??

 $ms^{-1} \\ ms^{-1} \\ ??$ $\overset{\cdot}{m}s^{-1}$ ms^{-1} ms^{-1} ms