

Examples using RANADU

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Function illustrated:

- 1 Load the library
- 2 Construct a data.frame from a netCDF file
- 3 Restrict the time range
- 4 Another simple plot
- 5 Adding a new variable
- 6 Fitting
- 7 Smoothing/interpolation
- 8 A skew-T sounding
- 9 A flight track
- 10 A Deming fit

R code and result:

```
## This fit minimizes the  
## perpendicular distance from the  
## fitted line to the measurements.  
## Compare to lm() regression.  
Dfit <- DemingFit(DataR$ATHR2, DataR$ATRL)  
bestFit <- Dfit[1] + -50:-0 * Dfit[2]  
plot(DataR$ATHR2, DataR$ATRL, pch = 20)  
lines(-50:0, bestFit, lwd = 2, col = "red")
```

fit coefficients: $y = -3.615 + 0.920x$

