This data set contains figures, input data, calculations and R software scripts for the following paper:

Andreas Andreou, John Barrett, Peter G. Taylor, Paul E. Brockway, and Zia Wadud.
Decomposing the drivers of residential space cooling energy consumption in EU-28 countries using a panel data approach.
Energy and Built Environment. doi: 10.1016/j.enbenv.2020.03.005

Abstract

This data set includes the empirical datasets for the Energy and Built Environment journal article: Andreas Andreou, John Barrett, Peter G. Taylor, Paul E. Brockway, Zia Wadud, Decomposing the drivers of residential space cooling energy consumption in EU-28 countries using a panel data approach, *Energy and Built Environment* (2020), doi: https://doi.org/10.1016/j.enbenv.2020.03.005. More specifically, this data set contains one Excel file, two R software scripts and a supporting R data file.

Detailed description of datasets:

1. The Excel file (ResSpaceCoolingEU28_2020-05-26.xlsx) contains figures, input data and calculations (where applied) for Figures 1, 3-5 and Table 2.
2. The two R scripts provide the programming code for re-producing Tables 4 (Script_Table4.R) and 5 (Script_Table5.R). These are supported by an R data file (ResEU28panel.rda).