Basic Information:
- This folder contains MATSim input data for the scenario of Santiago de Chile
- Currently, there is a version 1 (v1); improvements in the scenario generation/calibration (potentially also from your side) will result in further versions
- IMPORTANT NOTE: If you are using the data or the code from our github repository (see below), please cite the following publication

> Kickhöfer, B., D. Hosse, K. Turner, and A. Tirachini (2016). Creating an open MATSim scenario from open data: The case of Santiago de Chile. VSP Working Paper 16-02. See http://www.vsp.tu-berlin.de/publications. TU Berlin, Transport Systems Planning and Transport Telematics.

Further Information:
- Car network data has been obtained from openstreetmap.org
- Pt supply data has been obtained from GTFS (http://datos.gob.cl/datasets/ver/1587), and a separate network has been created and merged with the car network
- Demand data and car counts have, among other things, been obtained from a recent O-D survey (http://www.sectra.gob.cl/biblioteca/detalle1.asp?mfn=3253)
- The code for converting this data into MATSim input data is available in our github repository, currently under https://github.com/matsim-org/matsim/tree/master/playgrounds/santiago/src/main/java/playground/santiago
- If you have any questions, please get in touch with B. Kickhöfer (benjamin.kickhoefer@gmail.com) or A. Tirachini (alejandro.tirachini@ing.uchile.cl)

Usage:
- Download the file v1.zip to your hard drive and unzip it
- Execute ./runBaseCase.sh from the command line *from within the v1 folder* to run a simulation for 100 iterations (under Windows, you might first need to install Cygwin (see https://cygwin.com/) to run this shell script)
- No separate checkout of MATSim is needed for this, only Java version 1.7 or higher should be installed on the system
- Changes to the scenario settings can be done via the config file in v1/santiago/input/
- Default MATSim output can be found in v1/santiago/output/