This document indicates the steps and files to use to replicate the results obtained in Dupuy and Galichon “**A Note on the Estimation of Job Amenities and Labor Productivity**”, published in Quantitative Economics.

The working dataset is contained in “Data\workingdataset\_occind.xml”. The core of the paper explains how to create this data set from March files of the CPS (2012-2017) and the the Census of Fatal Occupational Injuries (CFOI) by occupation and industry (2012-2016).

To replicate the results, launch the program “Code\ML\_test\_main\_prog\_QE.m” in Matlab (we used the R2020a version).

All the “functions used in the code are added to the folder “Code”.

In the main program, i.e. “Code\ML\_test\_main\_prog\_QE.m”, the user is asked to select the specification of the model. To replicate the estimation of the results presented in the core of the paper choose:

specification = 10;

lognorm=0;

logwage=1;

incl\_pub=1;

estimation=1;