

# Working Life Expectancy at Age 50 in the US and the Impact of the Great Recession

## -TRANSITION MATRICES-

In total there are 124 transition matrices, each stored in a separate file. Matrices are in column orientation, meaning that the entry in the  $i$ -th row and  $j$ -th column,  $p_{ij}$ , relates to the probability of moving from state  $j$  to state  $i$ .

All transition matrices are stored in comma separated value files, which should be readable with all common statistical software. Commas are used as field separators. The rows and columns of the matrices are named with text strings, which are given in the first row and first column of each file.

All file names begin with **Pmat**, followed by abbreviations separated by underscores, indicating the group and the period each matrix corresponds to. The following abbreviations are used:

**Gender** **f** for female; **m** for male

**Education** **edu0** for less than high school education; **edu1** for high school degree; **edu2** for college degree

**Race** **w** for white; **b** for black; **h** for Hispanic

**Period** **1994** for the period from 1993-1997, as the earliest transitions covered by this period end in 1994; **1999** for the period from 1998-2002; **2004** for the period from 2003-2007; and **2009** for the period from 2008-2010

For instance, the file **Pmat\_f\_1999.csv** corresponds to the total female population in the period from 1998 to 2002, while the file **Pmat\_b.m\_edu0\_2004.csv** corresponds to black males with less than a college degree in the period from 2003 to 2007.