

From: [Fabio Wasserfallen](#)
To: [Williams, Laron K.](#)
Subject: Re: BJPS Replication Materials Question
Date: Wednesday, June 28, 2017 2:41:27 AM
Attachments: [cm_weighting.zip](#)

Thanks, dear Laron. I am sorry about that. You are absolutely right. I was just looking at the names of the files and thought that's what is in there. But indeed, there are the estimates of the model output for the figures. It has been a while, and I had to quickly check my laptop to find the original connectivity matrices and the code. Please find all the connectivity matrices attached.

Actually, there are two connectivity matrices of the commuter streams that we use for the operationalization of competitors from 1990 and 2000. We take the 1990 data for the spatial lags from 1990 to 1997, and the data from 2000 for all spatial lags from 1998 on. Then, the construction of the connectivity matrices with the additional weight (by the factor 10) is a simple matrix multiplication with the connectivity matrices coding whether two cantons are in the same conference or not. You find all the connectivity matrices including STATA and R codes in the attached folder.

Best,
Fabio

Am 27.06.2017 um 15:57 schrieb Williams, Laron K.
<williamslaro@missouri.edu>:

Hi Fabio.

Thanks for the quick response!

At first when I saw those files in your replication file I also thought that those would be the additional connectivity matrices. Unfortunately, when I opened them it looks as though they are the estimates and standard errors from the various models using different matrices!

Take care.

Laron

From: Fabio Wasserfallen [<mailto:fabio.wasserfallen@sbg.ac.at>]
Sent: Tuesday, June 27, 2017 3:34 AM
To: Williams, Laron K. <williamslaro@missouri.edu>
Cc: Fabrizio Gilardi <gilardi@ipz.uzh.ch>; Drolc, Cody A. (MU-Student)

[<cadp54@mail.missouri.edu>](mailto:cadp54@mail.missouri.edu)

Subject: Re: BJPS Replication Materials Question

Dear Laron,

many thanks for your interest in our work.

Have you also checked the files in the folder "Article/Figure_2" of the replication archive? There you find the code, data, and additional connectivity matrices of the main analysis in the paper (as far as the connectivity matrices are concerned "all_competitors.csv" is the row-standardized commuter data, "comp_NSC_x10.csv" is the row-standardized commuter data with increased weights by the factor 10 if they are not in the same conference, and "comp_SC_x10.csv" is the row-standardized commuter data with increased weights by the factor 10 if they are in the same conference). The outcome variable is (as all other variables) in the data file steuern.dta.

I hope that helps. Please let me know if you have further questions.

Best,
Fabio

Am 26.06.2017 um 22:16 schrieb Williams, Laron K.

[<williamslaro@missouri.edu>](mailto:williamslaro@missouri.edu):

Hello Professors Gilardi and Wasserfallen.

My graduate student (Cody Drolc, CCed), along with Christopher Gandrud (Harvard) and myself are working on a methodological project related to the use of temporally-lagged spatial-lag models in studies of policy diffusion. Your 2016 BJPS is an excellent example of the appropriate justification for using a temporally-lagged spatial lag instead of a concurrent spatial lag. We were hoping to be able to replicate your project in our manuscript. We certainly appreciate your efforts, and especially that you made your replication materials publicly available.

Unfortunately, since our focus is specifically on the temporally-lagged spatial lag variables, we require both the W and the Z variables (in this case, previous tax rates). We were only able to find the first W specification representing neighbors (called "W_neighbors.csv"). Would you mind sending me the other three Ws, including the commuters, cantons not in the same conference, and cantons in the same conference? Also, if it is not too much trouble we would also like to have whatever code (in R or Stata or whatever) that demonstrates how you used those Ws to assemble the temporally-lagged spatial lag variables. In order to successfully replicate your results, it will be helpful to know exactly the procedures used to create those variables.

Thanks in advance for your help.

Laron

Laron K Williams, Ph.D.
Associate Professor
Department of Political Science
University of Missouri
williamslaro@missouri.edu
573-882-2820
<http://faculty.missouri.edu/williamslaro/>