This document provides information about the gender specific crosswalk created in Blau, Brummund and Liu, "Trends in Occupational Segregation by Gender 1970-2009: Adjusting for the Impact of Changes in the Occupational Coding System," published in *Demography*, 2013, Vol. 50(2) pg. 471-92. Note: we are happy to provide you with the crosswalk and this documentation. Of course, in the event that you use the crosswalk, we would expect you to fully cite our article as the source of the crosswalk. If you need additional technical information, feel free to contact Peter Brummund pbrummund@cba.ua.edu.

The crosswalk is a STATA data set, cps_crosswalk_plus.dta.

I. Steps for Creating the Gender Specific Crosswalk

a. Merge supplement and main CPS monthly data files to create a dual-coded dataset for each month.
b. Merge the Outgoing Rotation Group for years 2000, 2001, and 2002 to get 36 months of data into one file.
c. Determine the number of males and females in each transition cell by collapsing the data over the combination of 1990 Occupation Code and 2000 Occupation Code.
d. Calculate the transition percentages by gender by summing the number of people in each occupation, and dividing the number of people in the transition cell by the total number of people in that occupation.

II. Description of Variables in Crosswalk

Variable Name	Type	Label
occ_1990	Float	1990 Occupation Code
occ_2000	Float	2000 Occupation Code
name_1990	Str72	1990 Occupation Name
name_2000	Str141	2000 Occupation Name
female	Double	Number of Females in Transition Cell
female_obv	Double	Number of Female Observations
male	Double	Number of Males in Transition Cell
male_obv	Double	Number of Male Observations
total	Float	Number of People in Transition Cell
total_1990_occ	Float	Total Number of People in 1990 Occupation
total_1990_occ_female	Float	Total Number of Females in 1990 Occupation
total_1990_occ_male	Float	Total Number of Males in 1990 Occupation
total_2000_occ	Float	Total Number of People in 2000 Occupation
total_2000_occ_female	Float	Total Number of Females in 2000 Occupation
total_2000_occ_male	Float	Total Number of Males in 2000 Occupation
per_1990	Float	Percentage of People in 1990 Occupation in Transition Cell, = total/total_1990_occ
per_2000	Float	Percentage of People in 2000 Occupation in Transition Cell, = total/total_2000_occ
per_female_1990	Float	Percentage of Females in 1990 Occupation in Transition Cell, = female/total_1990_occ_female
per_female_2000	Float	Percentage of Females in 2000 Occupation in

		Transition Cell, = female/total_2000_occ_female
per_male_1990	Float	Percentage of Males in 1990 Occupation in Transition Cell, = male/total_1990_occ_male
per_male_2000	Float	Percentage of Males in 2000 Occupation in Transition Cell, = male/total_2000_occ_male

III. Summary Statistics of Crosswalk

Variable	**Obs**	**Mean**	**Std. Dev.**	**Min**	**Max**
occ_1990	21216	391.4068	258.2726	3	889
occ_2000	21216	466.0016	282.8276	1	975
name_1990	0				
name_2000	0				
female	21208	99664.65	1299366	0	7.78e+07
female_obv	21216	12.00584	157.1549	-1	9606
male	21208	114324.2	1285144	0	9.54e+07
male_obv	21216	13.20899	148.186	-1	11057
total	21208	5944.135	59814.57	9.778078	2769402
total_1990_occ	21208	671613	1156942	153.1055	7591376
total_1990_occ_female	21208	1.07e+07	1.77e+07	0	8.64e+07
total_1990_occ_male	21208	1.34e+07	2.82e+07	0	1.87e+08
total_2000_occ	21208	603939.2	764365.7	231.3918	3823551
total_2000_occ_female	21208	1.02e+07	1.76e+07	0	1.33e+08
total_2000_occ_male	21208	1.16e+07	1.70e+07	8330.104	1.06e+08
per_1990	21216	.0236143	.1098936	0	1
per_2000	21216	.0238028	.1060005	0	1
per_female_1990	21095	.0228964	.108387	0	1
per_female_2000	21115	.0231115	.1047237	0	1
per_male_1990	21206	.0233896	.1096174	0	1
per_male_2000	21208	.0236703	.1059191	0	1

IV. Other Notes

a. As discussed in the paper, this crosswalk contains information from the aggregate Census crosswalk for 3 occupations that were suppressed from the CPS data. These occupations are "legislators," "postmasters," and "judges." The female_obv and male_obv variables are set to -1 for those observations.

b. This crosswalk contains information on all of the transition cells. As noted in the paper, revised crosswalks can be made by choosing which transition cells to use when generating the crosswalk. For example, Appendix 1 included only transition cells that contained at least 0.05 percent of the employment in that occupation. Here is a Stata code snippet that can be used to repeat that analysis, or be adapted to use other cutoffs:

```
// make sure to not drop transitions that would eliminate a 2000 occupation
gen small = 1 if total_obv > 0 & per_1990 < 0.0005
replace small = 2 if small==.
bysort occ_2000: egen no_big_2000 = max(small)
bysort occ: egen no_big_1990 = max(small)
drop if small==1 & no_big_2000!=1 & no_big_1990!=1
// recalculate new transition percentages
drop total_1990_occ_male total_1990_occ_female per_male_1990 per_female_1990
foreach sex in male female {
        bysort occ: egen total_1990_occ_`sex' = sum(`sex')
        gen per_`sex'_1990 = `sex' / total_1990_occ_`sex'
}
// put back overall transition %, keeping old number for 3 suppressed occs
replace per_1990 = (male + female) / (total_1990_occ_male + total_1990_occ_female) if male_obv > 0
```