

# Online Appendix

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Fall 2019

## **1 List of occupation Codes**

Note that not all component occupations exist in all years of data.

Adjusters and Investigators  
Administrative Support  
Agriculture, Forestry and Fishing  
Cleaning and Building Service  
Construction and Extraction  
Engineers, Architects, and Surveyors  
Executive, Administrative, and Managerial  
Financial Records Processing  
Food Preparation and Service  
Health Assessment and Treating and Therapists  
Health Diagnosing  
Health Service  
Health Technologists and Technicians  
Machine operators, Fabricators, Assemblers, Testers  
Mail and Material Distribution  
Management Related  
Material Moving, Laborers  
Math, Computer, and Natural Science  
Mechanics and Repairers  
Metal, Wood, Plastic, Print, Textile  
Miscellaneous Administrative Support  
Precision Production  
Private Household and Personal Services  
Protective Service  
Records Processing  
Road, Rail and Water Transportation  
Sales Representatives, Finance and Business Services  
Sales Workers, Retail and Personal Services  
Social Scientists, Lawyers, Judges  
Social, Recreation, and Religious Workers  
Teachers, Except Postsecondary  
Teachers, Postsecondary  
Technicians except health  
Writers, Artists, Entertainers, and Athletes

## 2 More Model Results

### 2.1 Model Job Parameter Estimates by Year

Table 1: Model Parameters in Year 1960, 34 occupations

Cell	Parameter					
	$WTP_O^M$	$WTP_O^F$	$u_O^M$	$u_O^F$	$W_O^M$	$W_O^F$
Teachers, Postsecondary	1.2172	0.7596	-4.4661	-4.7676	0.6044	-0.0037
Teachers, Except Postsecondary	1.0120	0.5831	-3.3220	-2.3175	0.6391	-0.3278
Social Scientists, Lawyers, Judg	1.1729	0.4690	-4.6958	-4.4071	0.3193	-0.2285
Social, Recreation, and Religiou	0.8824	0.4863	-4.3327	-4.8226	0.1994	-0.2268
Writers, Artists, Entertainers,	1.0303	0.5511	-3.8738	-5.0703	0.3755	-0.3118
Health Technologists and Technic	0.9396	0.3388	-5.1452	-4.3801	0.5089	-0.5843
Technicians except health	1.1164	0.4534	-2.9334	-4.4064	0.4432	-0.0877
Sales Representatives, Finance a	1.0251	0.3942	-3.4389	-4.3574	0.2443	-0.4652
Sales Workers, Retail and Person	1.0403	0.3506	-3.0461	-3.6052	0.2672	-0.6304
Administrative Support	0.9958	0.4188	-4.7503	-2.8073	0.6827	-0.4682
Records Processing Occupations,	0.9326	0.3738	-5.8100	-5.3070	0.7269	-0.2652
Financial Records Processing Occ	0.7146	0.3930	-6.2295	-3.6937	0.6474	-0.5516
Mail and Material Distribution	0.9261	0.3033	-3.0598	-4.8226	0.1383	-0.1591
Adjusters and Investigators	1.0260	0.3332	-4.8676	-4.2014	0.4616	-0.4004
Miscellaneous Administrative Sup	0.9045	0.2979	-5.4303	-4.2649	0.5581	-0.4877
Protective Service	0.9635	0.4742	-3.0175	-5.3784	0.1320	-0.2374
Food Preparation and Service Occ	0.7247	0.2850	-3.3989	-3.8144	-0.0790	-0.7870
Health Service Occupations	0.7890	0.2686	-4.9345	-3.2490	0.3408	-0.8057
Cleaning and Building Service Oc	0.8820	0.4148	-3.6455	-4.8723	-0.0454	-0.5735
Private Household and Personal S	0.7351	0.1578	-4.5539	-3.6180	0.0810	-1.1327
Agriculture, Forestry and Fishin	0.7238	0.0253	-3.0179	-5.4079	-0.6743	-1.1074
Mechanics and Repairers	1.0543	0.2546	-2.2921	-7.5489	-0.0515	0.1925
Construction and Extraction	0.9734	-0.1515	-2.5577	-9.7735	-0.1102	0.2706
Precision Production Occupations	0.9952	0.3811	-3.1632	-4.6940	0.2647	-0.4447
Metal, Wood, Plastic, Print, Tex	0.8522	0.1388	-3.8371	-5.2715	0.0894	-0.5540
Machine Operators, Fabricators,	1.0357	0.4154	-2.6545	-4.6327	0.0870	-0.2509
Road, Rail and Water Transportat	0.9883	0.1545	-2.3414	-5.8261	-0.0411	-0.3337
Material Moving, Laborers	0.9102	0.2057	-2.9407	-5.4989	-0.0988	-0.2205
Executive, Administrative, and M	1.2354	0.6225	-1.9349	-3.1201	0.2802	-0.4078
Management Related Occupations	1.1097	0.5735	-3.0822	-3.6301	0.4862	-0.1172
Engineers, Architects, and Surve	1.2312	0.5395	-2.9725	-6.0636	0.4938	0.4299
Math, Computer, and Natural Scie	1.1632	0.6152	-3.0649	-4.4403	0.5061	0.1337
Health Diagnosing Occupations	1.3804	0.6985	-4.3890	-5.6472	0.4494	0.2921
Health Assessment and Treating a	1.0311	0.4883	-5.6106	-2.7835	0.7352	-0.6271
Sample Size	1074937.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Note:  $\pi_O^G$ ,  $u_O^G$ ,  $W_O^G$  are in millions of dollars.

Table 2: Model Parameters in Year 1970, 34 occupations

Cell	Parameter					
	$WTP_O^M$	$WTP_O^F$	$u_O^M$	$u_O^F$	$W_O^M$	$W_O^F$
Teachers, Postsecondary	1.0378	0.5806	-4.3816	-4.7108	0.5620	0.0037
Teachers, Except Postsecondary	1.0738	0.6862	-3.2114	-2.2257	0.7170	-0.1801
Social Scientists, Lawyers, Judg	1.0390	0.5392	-4.6455	-4.3220	0.5998	-0.0712
Social, Recreation, and Religiou	0.8302	0.5640	-4.3208	-4.7094	0.4046	-0.0132
Writers, Artists, Entertainers,	1.0148	0.5079	-3.8433	-5.0638	0.4387	-0.0738
Health Technologists and Technic	1.0415	0.5729	-5.1530	-4.3025	0.6979	-0.2070
Technicians except health	1.0795	0.6269	-2.8440	-4.3821	0.5592	0.1473
Sales Representatives, Finance a	1.0975	0.4910	-3.3800	-4.2919	0.5534	-0.1876
Sales Workers, Retail and Person	1.0291	0.3462	-3.0390	-3.5168	0.5253	-0.5072
Administrative Support	0.9147	0.5382	-4.7109	-2.7612	0.7350	-0.3625
Records Processing Occupations,	0.9238	0.4458	-5.9421	-5.1967	0.7305	-0.1696
Financial Records Processing Occ	0.9110	0.4700	-6.0692	-3.6569	0.8013	-0.4110
Mail and Material Distribution	1.0148	0.4742	-3.0451	-4.8024	0.2984	0.0073
Adjusters and Investigators	0.8593	0.4754	-4.7949	-4.1550	0.6199	-0.1897
Miscellaneous Administrative Sup	0.7916	0.3793	-5.5877	-4.1986	0.7148	-0.3937
Protective Service	0.9883	0.4068	-2.9930	-5.3838	0.4008	-0.1430
Food Preparation and Service Occ	0.8050	0.3274	-3.3697	-3.7957	0.1627	-0.6346
Health Service Occupations	0.7902	0.3312	-5.0258	-3.1907	0.5209	-0.6647
Cleaning and Building Service Oc	0.8716	0.4615	-3.6814	-4.8315	0.2176	-0.4393
Private Household and Personal S	0.8537	0.2601	-4.5727	-3.5939	0.3931	-0.8036
Agriculture, Forestry and Fishin	0.7805	0.1721	-3.1387	-5.4128	-0.1527	-0.6795
Mechanics and Repairers	1.0447	0.1959	-2.3051	-7.3916	0.2366	0.1250
Construction and Extraction	0.9535	-0.1715	-2.5474	-10.5486	0.2043	0.4063
Precision Production Occupations	0.9509	0.3478	-3.1487	-4.6005	0.4288	-0.2615
Metal, Wood, Plastic, Print, Tex	0.9528	0.1959	-3.7276	-5.1083	0.3202	-0.3262
Machine Operators, Fabricators,	0.8873	0.4155	-2.6837	-4.6337	0.2814	-0.2010
Road, Rail and Water Transportat	0.9628	0.1556	-2.3755	-5.8390	0.2066	-0.2036
Material Moving, Laborers	0.9768	0.3139	-2.9740	-5.5051	0.1697	-0.0983
Executive, Administrative, and M	1.1679	0.6119	-1.8793	-3.0921	0.5243	-0.0186
Management Related Occupations	1.0686	0.6239	-3.0727	-3.5556	0.6577	0.0091
Engineers, Architects, and Surve	1.1703	0.7949	-2.9268	-5.9790	0.6045	0.6233
Math, Computer, and Natural Scie	1.1212	0.7256	-3.0163	-4.4516	0.6271	0.2808
Health Diagnosing Occupations	1.2746	0.9399	-4.3047	-5.6772	0.6073	0.6194
Health Assessment and Treating a	1.1237	0.6543	-5.5567	-2.7386	0.9853	-0.2961
Sample Size	240966.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Note:  $\pi_O^G$ ,  $u_O^G$ ,  $W_O^G$  are in millions of dollars.

Table 3: Model Parameters in Year 1980, 34 occupations

Cell	Parameter					
	$WTP_O^M$	$WTP_O^F$	$u_O^M$	$u_O^F$	$W_O^M$	$W_O^F$
Teachers, Postsecondary	1.3748	0.8128	-4.4102	-4.6516	0.7356	0.1508
Teachers, Except Postsecondary	1.4623	0.9805	-3.2654	-2.1377	0.7480	-0.0776
Social Scientists, Lawyers, Judg	1.6884	0.8566	-4.5918	-4.1591	1.0246	0.0235
Social, Recreation, and Religiou	1.4461	0.6149	-4.3058	-4.7094	0.4645	0.0230
Writers, Artists, Entertainers,	1.3309	0.6392	-3.9303	-4.9613	0.6073	-0.0017
Health Technologists and Technic	1.5014	0.8087	-4.9844	-4.1469	0.7346	-0.1354
Technicians except health	1.4403	0.8664	-2.8511	-4.2699	0.6475	0.1214
Sales Representatives, Finance a	1.5355	0.6205	-3.3657	-4.1246	0.6485	-0.0213
Sales Workers, Retail and Person	1.4253	0.6057	-3.0255	-3.4817	0.6055	-0.2862
Administrative Support	1.1677	0.7664	-4.6899	-2.6380	0.8627	-0.2706
Records Processing Occupations,	0.9697	0.5726	-5.8679	-5.1914	0.6367	-0.1459
Financial Records Processing Occ	1.2462	0.6748	-6.2362	-3.5644	0.8515	-0.2816
Mail and Material Distribution	1.2029	0.7953	-3.0563	-4.6795	0.3832	0.0877
Adjusters and Investigators	1.1869	0.6818	-4.8040	-4.0445	0.6702	-0.1096
Miscellaneous Administrative Sup	1.2339	0.8201	-5.5452	-4.0982	0.7322	-0.2705
Protective Service	1.5128	0.4958	-2.9611	-5.3039	0.3773	-0.0614
Food Preparation and Service Occ	1.3383	0.8023	-3.3975	-3.7147	0.1914	-0.4413
Health Service Occupations	0.9987	0.6614	-4.9138	-3.1112	0.5256	-0.4620
Cleaning and Building Service Oc	1.2666	0.7861	-3.6561	-4.7970	0.2495	-0.2821
Private Household and Personal S	1.1041	0.5837	-4.5779	-3.5497	0.4141	-0.6208
Agriculture, Forestry and Fishin	1.3360	0.4549	-3.2015	-5.3199	0.1116	-0.2800
Mechanics and Repairers	1.4022	0.6539	-2.2954	-7.4806	0.3295	0.4568
Construction and Extraction	1.4108	0.0701	-2.5438	-10.1161	0.3074	0.3248
Precision Production Occupations	1.3469	0.7042	-3.1777	-4.6069	0.4817	-0.0694
Metal, Wood, Plastic, Print, Tex	1.3167	0.7088	-3.8322	-5.0682	0.3390	-0.2291
Machine Operators, Fabricators,	1.3133	0.5785	-2.7852	-4.5573	0.3511	-0.0316
Road, Rail and Water Transportat	1.3700	0.4922	-2.3480	-5.6906	0.2977	-0.0137
Material Moving, Laborers	1.4206	0.6603	-2.9591	-5.2711	0.2470	0.0316
Executive, Administrative, and M	1.5642	0.9717	-1.8949	-2.9339	0.7733	0.1509
Management Related Occupations	1.4323	0.9185	-3.0146	-3.4329	0.7502	0.1193
Engineers, Architects, and Surve	1.5239	0.7330	-2.9549	-5.9674	0.6929	0.5293
Math, Computer, and Natural Scie	1.4245	1.0840	-3.0084	-4.2767	0.7577	0.4043
Health Diagnosing Occupations	1.9595	1.3815	-4.3489	-5.4980	1.2891	1.0410
Health Assessment and Treating a	1.2099	0.8703	-5.5545	-2.6367	1.0373	-0.1329
Sample Size	1657234.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Note:  $\pi_O^G$ ,  $u_O^G$ ,  $W_O^G$  are in millions of dollars.

Table 4: Model Parameters in Year 1990, 34 occupations

Cell	Parameter					
	$WTP_O^M$	$WTP_O^F$	$u_O^M$	$u_O^F$	$W_O^M$	$W_O^F$
Teachers, Postsecondary	1.4215	1.0229	-4.3910	-4.6260	0.7381	0.3134
Teachers, Except Postsecondary	1.5292	1.0224	-3.3468	-2.1575	0.8015	0.0645
Social Scientists, Lawyers, Judg	1.6181	1.0624	-4.6556	-4.0730	1.0464	0.2708
Social, Recreation, and Religiou	1.5008	0.8352	-4.3250	-4.6979	0.4950	0.1664
Writers, Artists, Entertainers,	1.4082	0.8594	-3.9331	-4.8456	0.6154	0.1963
Health Technologists and Technic	1.6239	0.9248	-4.9472	-4.1142	0.7941	0.0679
Technicians except health	1.8339	0.8854	-2.8416	-4.2376	0.6855	0.3427
Sales Representatives, Finance a	1.5266	0.9000	-3.3313	-4.0149	0.6728	0.1972
Sales Workers, Retail and Person	1.3488	0.8793	-3.0389	-3.4382	0.6006	-0.0939
Administrative Support	1.6771	0.8259	-4.6861	-2.6205	0.8507	-0.1150
Records Processing Occupations,	0.9872	0.8573	-5.8446	-5.1435	0.6042	0.0226
Financial Records Processing Occ	1.1747	0.8550	-6.2849	-3.5399	0.8385	-0.1375
Mail and Material Distribution	1.3651	0.8265	-3.0673	-4.6278	0.3738	0.2458
Adjusters and Investigators	1.2171	0.7767	-4.8024	-4.0299	0.6897	0.0381
Miscellaneous Administrative Sup	1.1751	0.8711	-5.6052	-4.0450	0.7583	-0.1342
Protective Service	1.5901	0.7314	-2.9706	-5.1774	0.4157	0.2626
Food Preparation and Service Occ	1.3811	0.8797	-3.3672	-3.6656	0.1822	-0.2664
Health Service Occupations	1.1954	0.9196	-4.9125	-3.0666	0.5577	-0.3206
Cleaning and Building Service Oc	1.3528	0.8199	-3.6332	-4.7489	0.2303	-0.1403
Private Household and Personal S	1.1982	0.7356	-4.5968	-3.5431	0.4331	-0.4284
Agriculture, Forestry and Fishin	1.3050	0.6502	-3.1816	-5.3037	0.0868	-0.0887
Mechanics and Repairers	1.5007	0.8642	-2.3077	-7.2150	0.3290	0.6378
Construction and Extraction	1.4193	0.5269	-2.5147	-9.9853	0.2809	0.5783
Precision Production Occupations	1.4282	0.9097	-3.2165	-4.5722	0.4912	0.1027
Metal, Wood, Plastic, Print, Tex	1.5301	0.6235	-3.8668	-5.0806	0.3225	-0.0859
Machine Operators, Fabricators,	1.4648	0.8149	-2.8230	-4.5154	0.3420	0.1201
Road, Rail and Water Transportat	1.3434	0.7588	-2.3645	-5.6735	0.2556	0.1975
Material Moving, Laborers	1.3442	0.5969	-2.9418	-5.2648	0.2203	0.1547
Executive, Administrative, and M	1.6418	1.1066	-1.9196	-2.8495	0.8096	0.3597
Management Related Occupations	1.5265	1.1827	-3.0332	-3.3598	0.7992	0.2995
Engineers, Architects, and Surve	1.6579	1.1230	-2.9598	-5.7571	0.7579	0.7689
Math, Computer, and Natural Scie	1.6781	1.1797	-3.0117	-4.1879	0.8027	0.5831
Health Diagnosing Occupations	2.1196	1.5187	-4.4414	-5.3547	1.3918	1.1024
Health Assessment and Treating a	1.4239	1.2457	-5.5958	-2.5758	1.1073	0.1225
Sample Size	1858609.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Note:  $\pi_O^G$ ,  $u_O^G$ ,  $W_O^G$  are in millions of dollars.

Table 5: Model Parameters in Year 2000, 34 occupations

Cell	Parameter					
	$WTP_O^M$	$WTP_O^F$	$u_O^M$	$u_O^F$	$W_O^M$	$W_O^F$
Teachers, Postsecondary	1.4420	1.1501	-4.4311	-4.6181	0.7311	0.4153
Teachers, Except Postsecondary	1.4003	1.1580	-3.3246	-2.1140	0.7816	0.0902
Social Scientists, Lawyers, Judg	1.6724	1.2999	-4.6655	-4.0902	1.0763	0.4614
Social, Recreation, and Religiou	1.2656	0.9248	-4.3809	-4.6966	0.5482	0.2370
Writers, Artists, Entertainers,	1.4115	1.0542	-3.9135	-4.8239	0.6319	0.3656
Health Technologists and Technic	1.5519	0.9116	-4.9338	-4.1392	0.8163	0.1849
Technicians except health	1.5804	1.0562	-2.8604	-4.2346	0.7813	0.5162
Sales Representatives, Finance a	1.4957	1.1377	-3.3765	-3.9837	0.6743	0.3182
Sales Workers, Retail and Person	1.4777	0.9332	-3.0550	-3.4484	0.6210	0.0617
Administrative Support	1.3810	0.9830	-4.7224	-2.6534	0.8438	-0.0003
Records Processing Occupations,	1.1595	0.8594	-5.8807	-5.1703	0.5482	0.0747
Financial Records Processing Occ	1.3184	1.0960	-6.1801	-3.5664	0.8478	-0.0183
Mail and Material Distribution	1.4668	0.8400	-3.0875	-4.6731	0.3391	0.3294
Adjusters and Investigators	1.2270	0.9134	-4.7949	-3.9796	0.6665	0.1246
Miscellaneous Administrative Sup	1.1992	1.0463	-5.5961	-4.0873	0.7394	-0.0086
Protective Service	1.5107	0.9617	-2.9458	-5.1247	0.4579	0.4173
Food Preparation and Service Occ	1.4230	1.1193	-3.3490	-3.6797	0.2019	-0.1310
Health Service Occupations	1.1816	0.9489	-4.9640	-3.0635	0.5697	-0.2201
Cleaning and Building Service Oc	1.2343	0.9122	-3.6698	-4.7459	0.2423	-0.0192
Private Household and Personal S	1.1597	0.8602	-4.5978	-3.5068	0.5029	-0.2861
Agriculture, Forestry and Fishin	1.2721	0.7399	-3.1905	-5.3018	0.1066	0.0818
Mechanics and Repairers	1.3908	0.8065	-2.3321	-7.4017	0.3296	0.7421
Construction and Extraction	1.4289	0.7245	-2.5569	-9.5942	0.2854	0.5417
Precision Production Occupations	1.3174	1.0547	-3.2717	-4.5768	0.4766	0.1887
Metal, Wood, Plastic, Print, Tex	1.4164	0.8117	-3.8794	-5.1480	0.2991	0.0404
Machine Operators, Fabricators,	1.4028	0.9471	-2.8748	-4.5470	0.3341	0.1974
Road, Rail and Water Transportat	1.3166	0.8678	-2.3967	-5.6964	0.2539	0.3538
Material Moving, Laborers	1.2597	0.8491	-2.9928	-5.2885	0.2142	0.2500
Executive, Administrative, and M	1.6264	1.2588	-1.9368	-2.8519	0.8453	0.5498
Management Related Occupations	1.5012	1.1989	-3.0498	-3.3391	0.8400	0.4372
Engineers, Architects, and Surve	1.5286	1.0979	-3.0099	-5.7484	0.7842	0.8869
Math, Computer, and Natural Scie	1.5252	1.3913	-2.9501	-4.1623	0.8053	0.6729
Health Diagnosing Occupations	1.9179	1.4929	-4.4379	-5.3372	1.2720	1.2231
Health Assessment and Treating a	1.4127	1.1189	-5.5600	-2.5833	1.1763	0.2522
Sample Size	1738053.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Note:  $\pi_O^G$ ,  $u_O^G$ ,  $W_O^G$  are in millions of dollars.

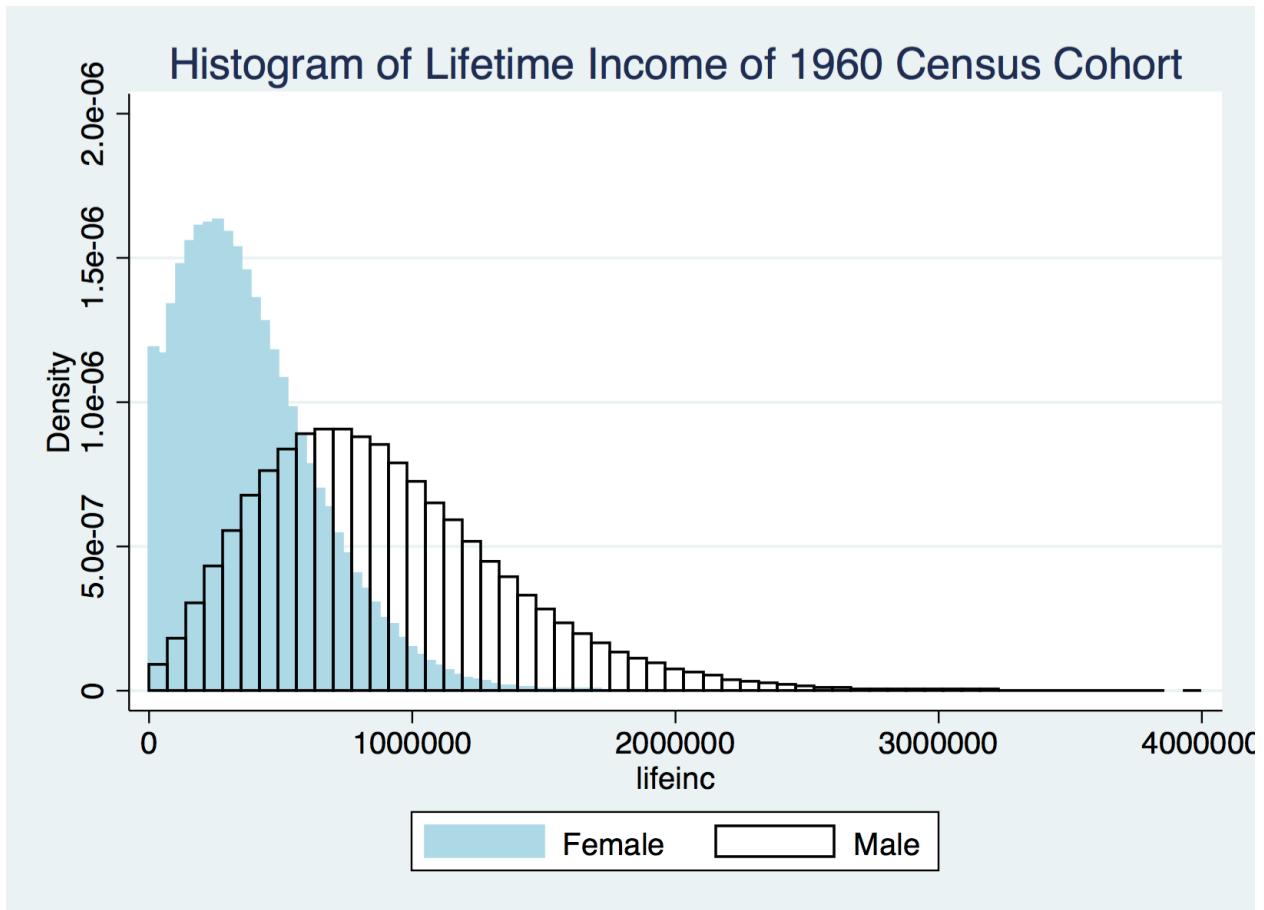
Table 6: Model Parameters in Year 2012, 34 occupations

Cell		Parameter				
	$WTP_O^M$	$WTP_O^F$	$u_O^M$	$u_O^F$	$W_O^M$	$W_O^F$
Teachers, Postsecondary	1.5608	1.1675	-4.4684	-4.5895	0.7045	0.4667
Teachers, Except Postsecondary	1.7397	1.1186	-3.3111	-2.0748	0.7801	0.1475
Social Scientists, Lawyers, Judg	1.6434	1.4886	-4.7228	-4.0513	1.1312	0.5822
Social, Recreation, and Religiou	1.4694	1.0101	-4.3148	-4.6205	0.5406	0.2912
Writers, Artists, Entertainers,	1.6915	1.0729	-3.9245	-4.8027	0.6125	0.4532
Health Technologists and Technic	1.7555	1.1267	-4.8795	-4.1567	0.8308	0.2806
Technicians except health	1.6944	1.2244	-2.8843	-4.2467	0.8139	0.5883
Sales Representatives, Finance a	1.4449	1.1210	-3.3881	-4.0110	0.6312	0.3698
Sales Workers, Retail and Person	1.5155	0.9346	-3.0584	-3.4472	0.5875	0.1234
Administrative Support	1.4332	1.1228	-4.7174	-2.6769	0.8317	0.0442
Records Processing Occupations,	1.0122	0.9501	-5.8731	-5.1711	0.5607	0.1380
Financial Records Processing Occ	1.1267	1.0160	-6.3201	-3.6148	0.8668	0.0365
Mail and Material Distribution	1.5170	0.9194	-3.0925	-4.6176	0.2730	0.3629
Adjusters and Investigators	1.3445	1.0603	-4.7962	-3.9760	0.5893	0.1432
Miscellaneous Administrative Sup	1.2197	0.9477	-5.6115	-4.0840	0.7133	0.0494
Protective Service	1.5032	0.9663	-2.9530	-5.0619	0.4670	0.5076
Food Preparation and Service Occ	1.2101	1.0318	-3.2994	-3.6188	0.1334	-0.1024
Health Service Occupations	1.3082	0.9183	-4.8893	-3.0074	0.5064	-0.1860
Cleaning and Building Service Oc	1.3930	0.9825	-3.6342	-4.7555	0.1823	0.0318
Private Household and Personal S	1.2612	0.8717	-4.5884	-3.4867	0.4407	-0.2224
Agriculture, Forestry and Fishin	1.4483	0.8146	-3.1800	-5.2743	0.0603	0.1703
Mechanics and Repairers	1.5542	0.9125	-2.3806	-7.4307	0.2727	0.7797
Construction and Extraction	1.5589	0.4001	-2.5966	-9.4066	0.2287	0.7637
Precision Production Occupations	1.4116	0.9894	-3.3167	-4.5754	0.4019	0.2169
Metal, Wood, Plastic, Print, Tex	1.5229	0.7905	-3.9841	-5.1799	0.2033	0.0789
Machine Operators, Fabricators,	1.4746	0.9317	-2.9499	-4.5624	0.2653	0.2286
Road, Rail and Water Transportat	1.4784	0.8664	-2.4077	-5.6869	0.1787	0.4277
Material Moving, Laborers	1.3408	0.8706	-2.9768	-5.3507	0.1341	0.2672
Executive, Administrative, and M	1.6637	1.3326	-1.9524	-2.8419	0.8280	0.6294
Management Related Occupations	1.5802	1.2634	-3.0466	-3.3560	0.8608	0.5493
Engineers, Architects, and Surve	1.6220	1.3404	-3.0308	-5.7120	0.8077	1.0230
Math, Computer, and Natural Scie	1.5359	1.4125	-2.9627	-4.1466	0.8056	0.7492
Health Diagnosing Occupations	2.2452	1.5624	-4.4854	-5.2399	1.4683	1.2922
Health Assessment and Treating a	1.5627	1.3546	-5.5500	-2.5317	1.2430	0.3723
Sample Size	974328.0000	0.0000	0.0000	0.0000	0.0000	0.0000

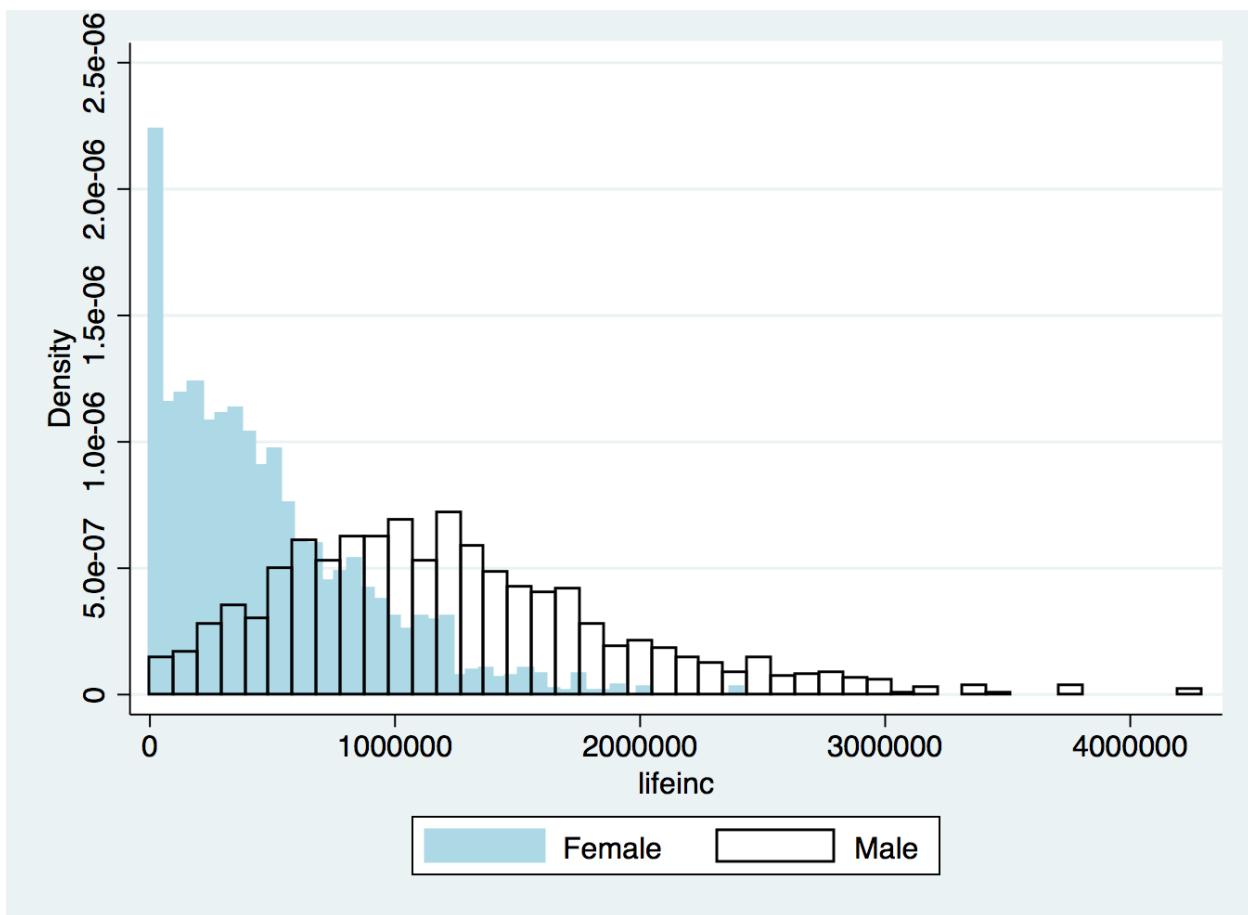
Note:  $\pi_O^G$ ,  $u_O^G$ ,  $W_O^G$  are in millions of dollars.

### 3 Lifetime Income Estimation

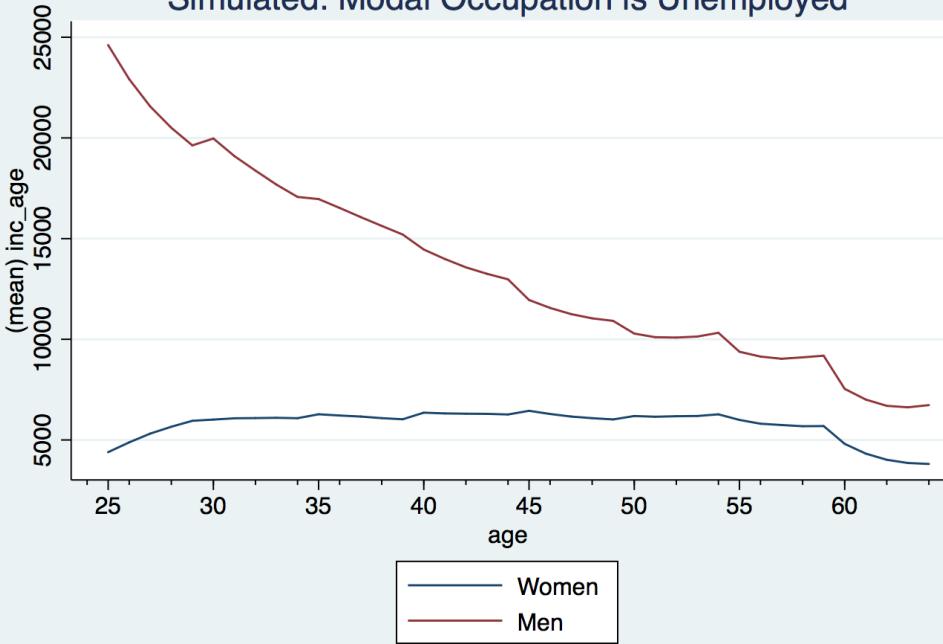
#### 3.1 Comparison of Lifetime Income Estimates to PSID



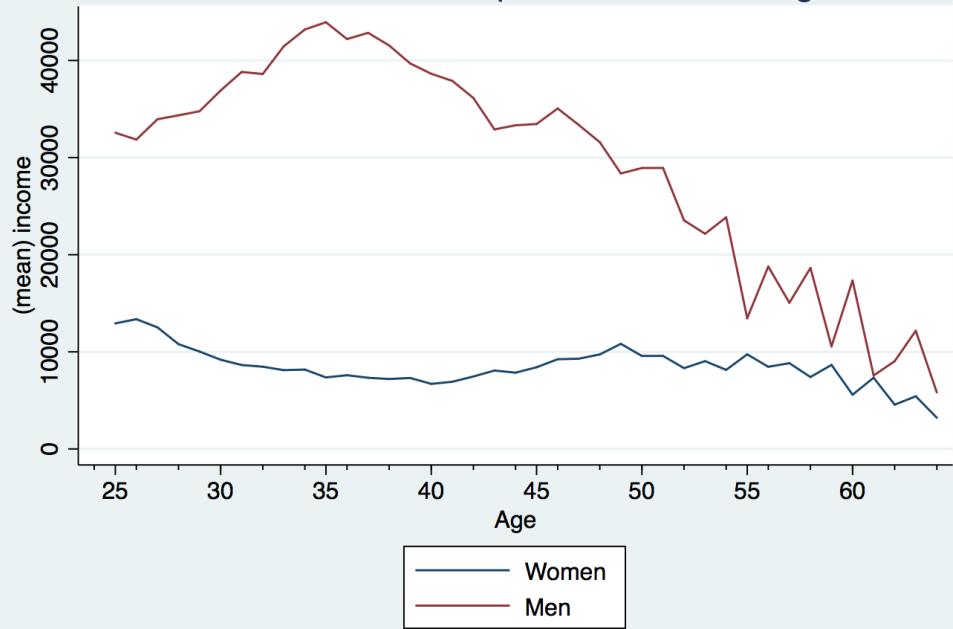
### 3.1.1 Histogram of lifetime income: PSID ages 25-55



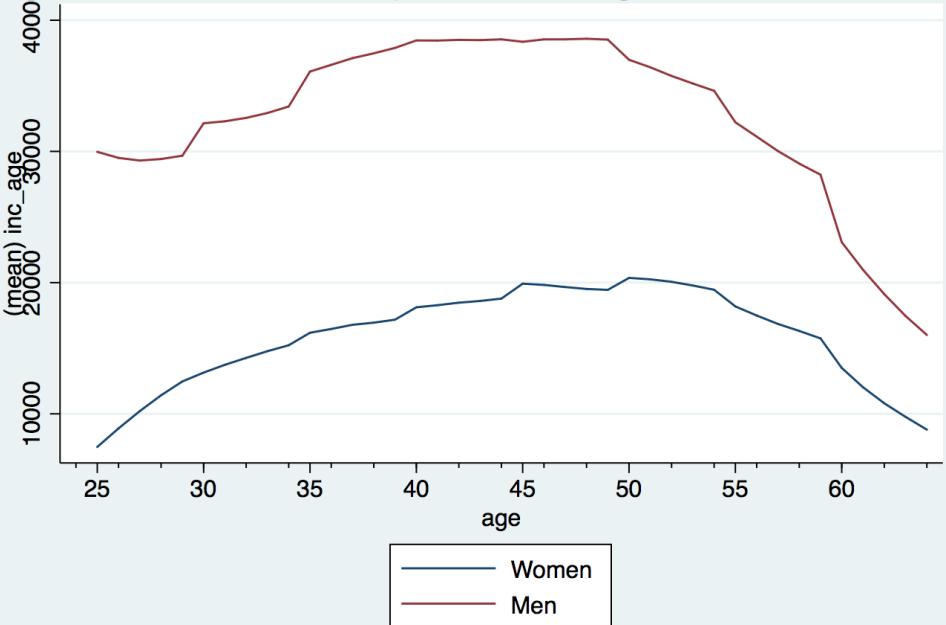
Simulated: Modal Occupation is Unemployed



PSID: Modal Occupation is Not working



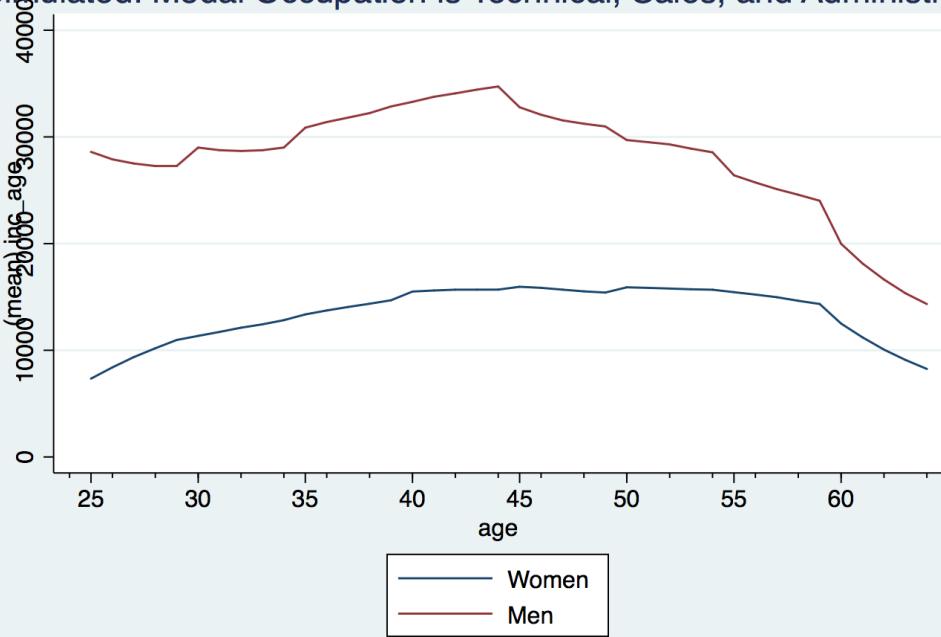
Simulated: Modal Occupation is Managerial and Professional



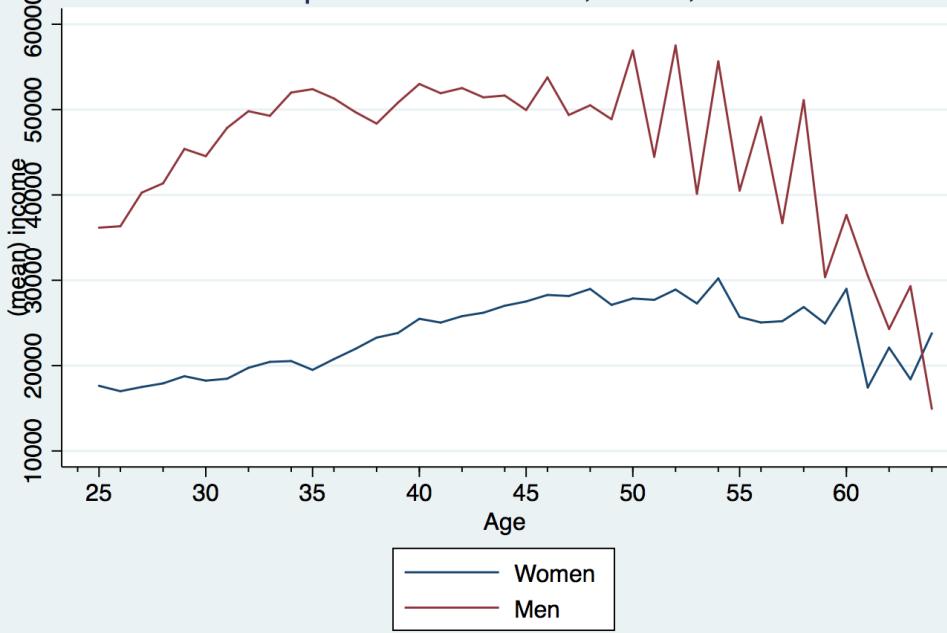
PSID: Modal Occupation is Managerial and Professional

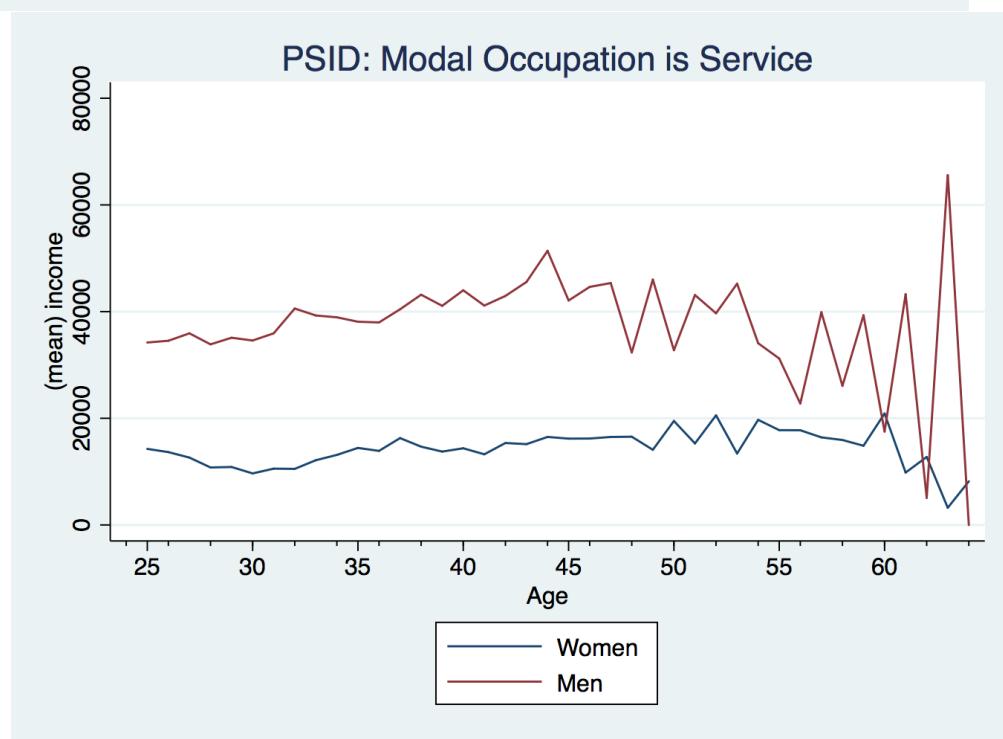
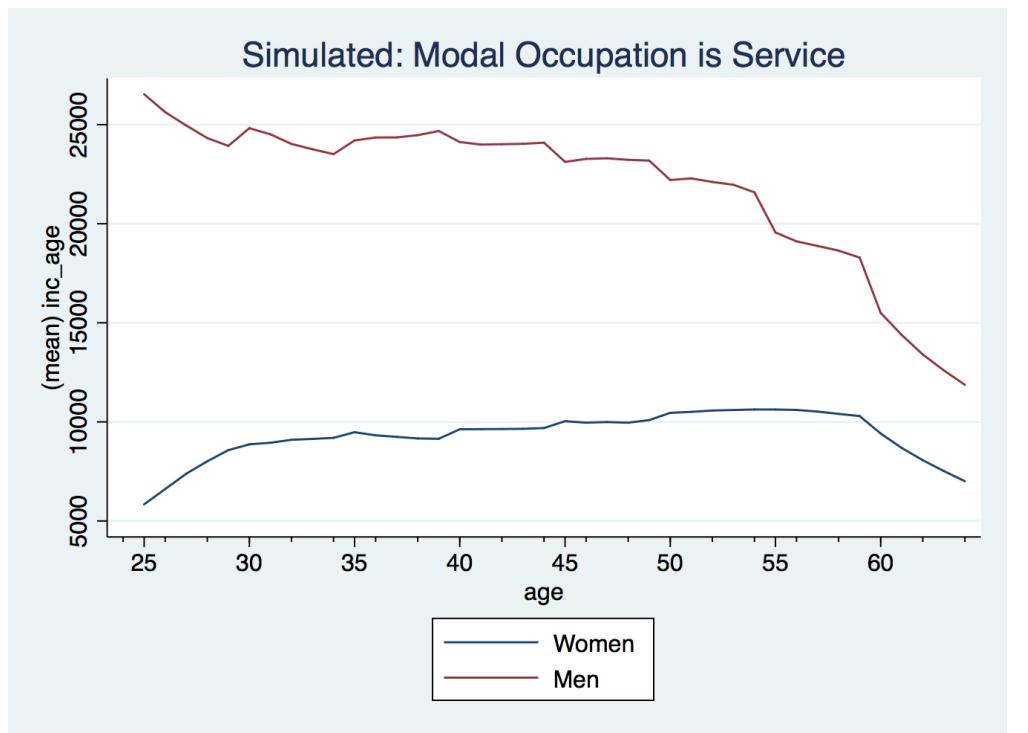


Simulated: Modal Occupation is Technical, Sales, and Administrative

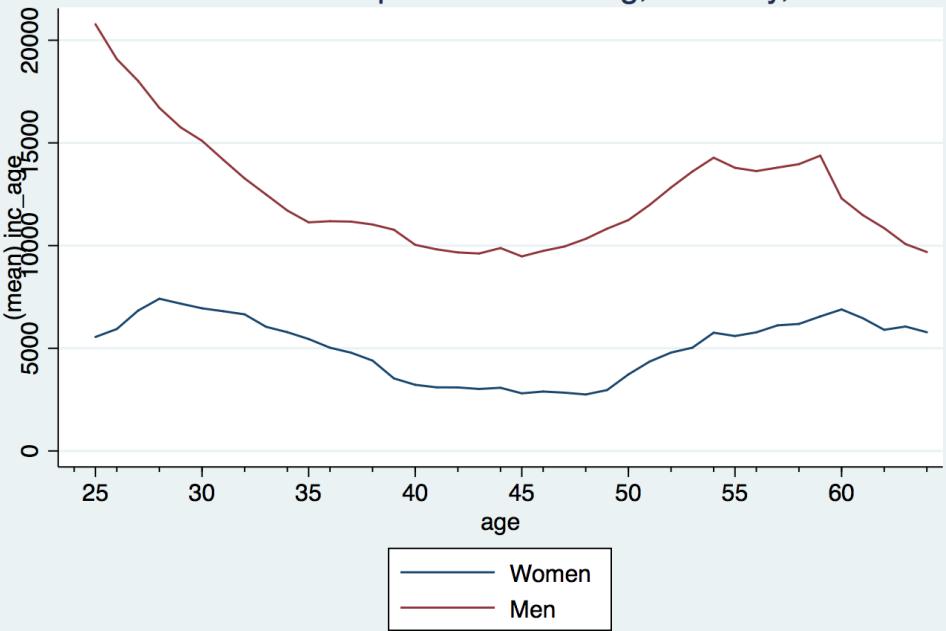


PSID: Modal Occupation is Technical, Sales, and Administrative

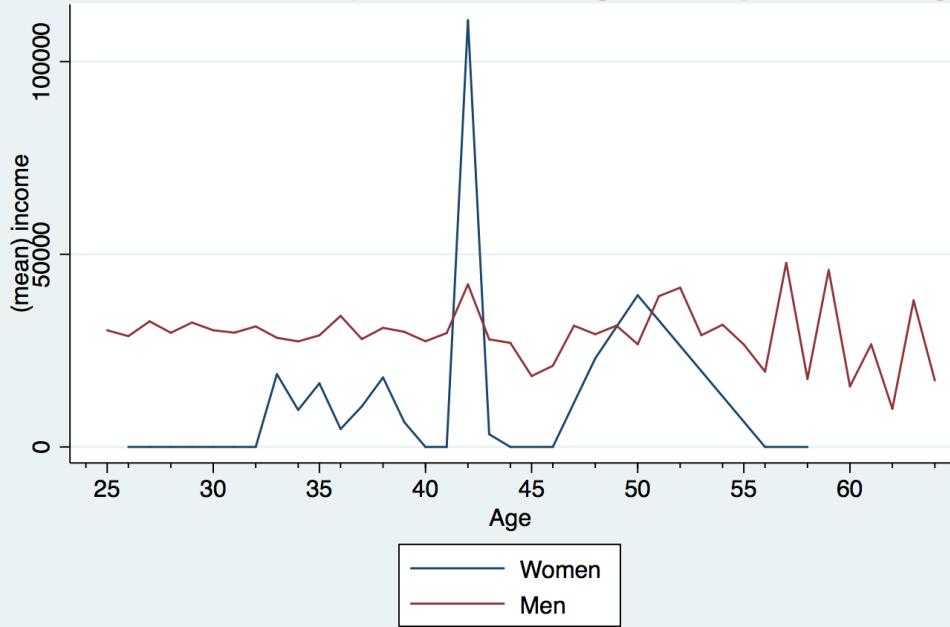




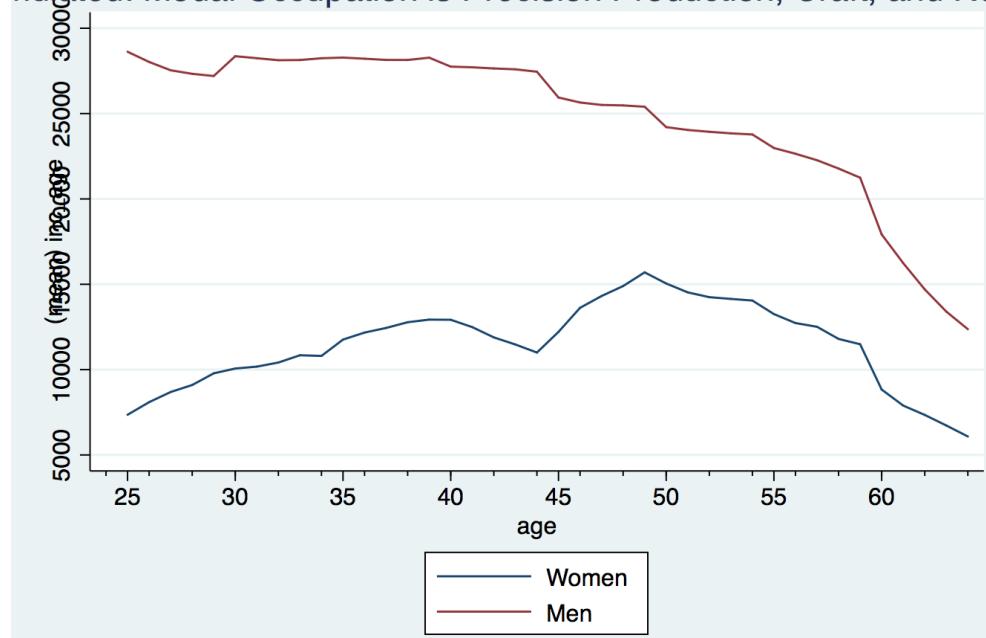
Simulated: Modal Occupation is Farming, Forestry, and Fishing



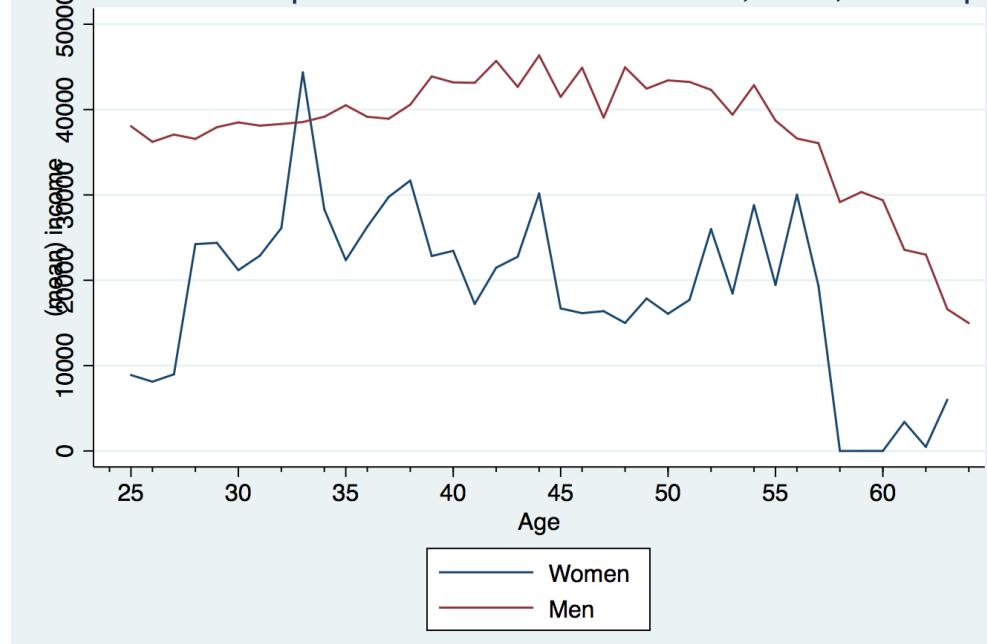
PSID: Modal Occupation is Farming, Forestry, and Fishing

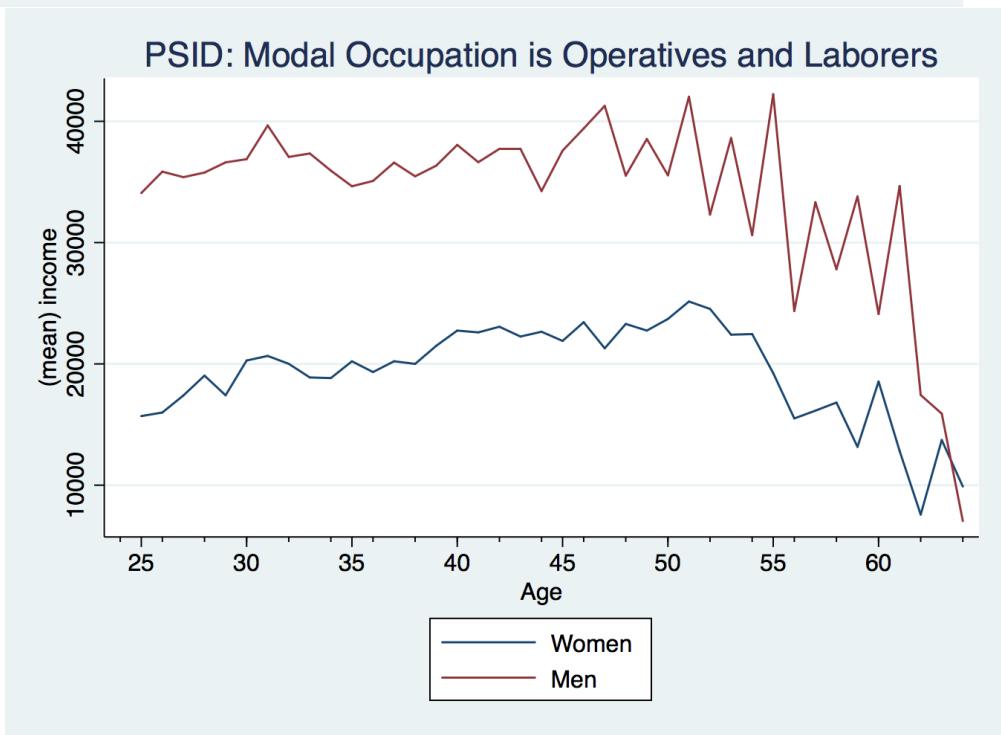
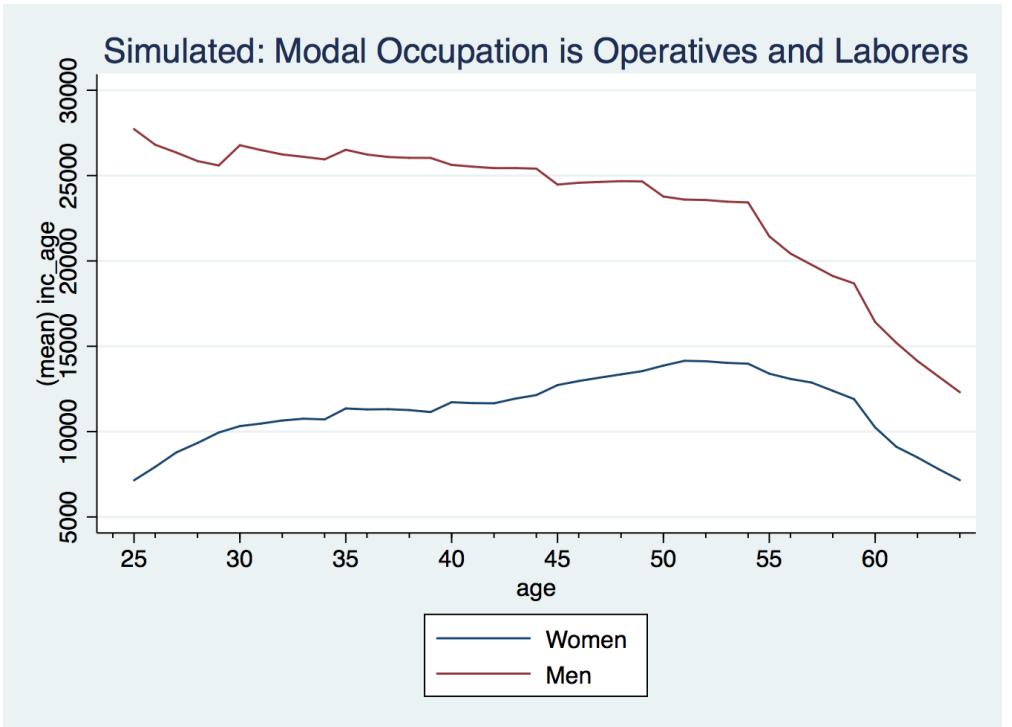


nulated: Modal Occupation is Precision Production, Craft, and Repai



PSID: Modal Occupation is Precision Production, Craft, and Repai

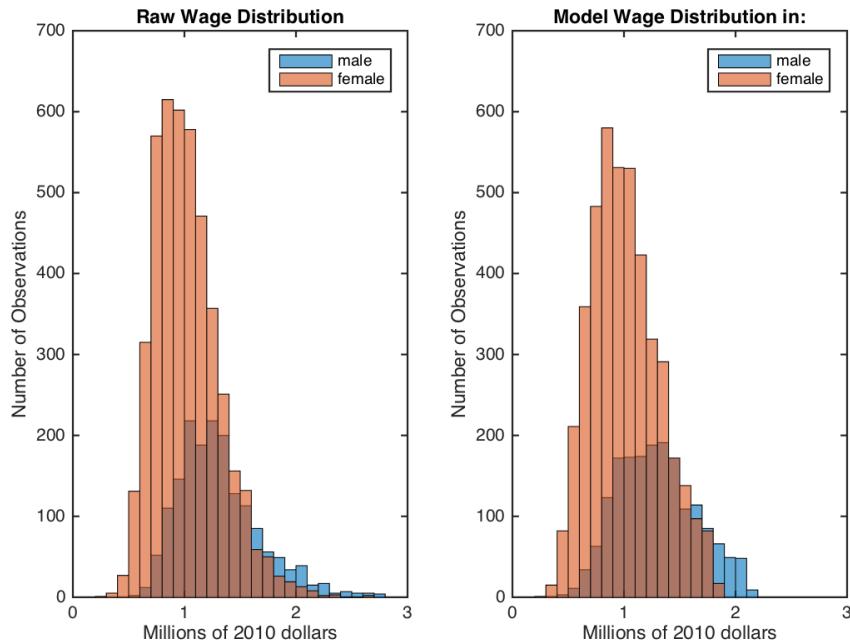




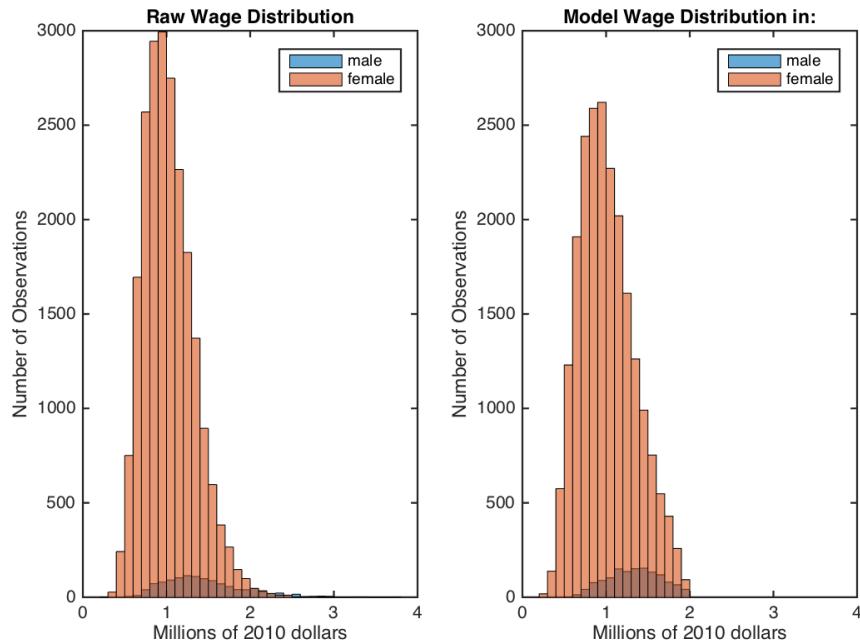
## 4 Model Fit Wage Histograms

### 4.0.1 Model Fit for Years 2000/2012

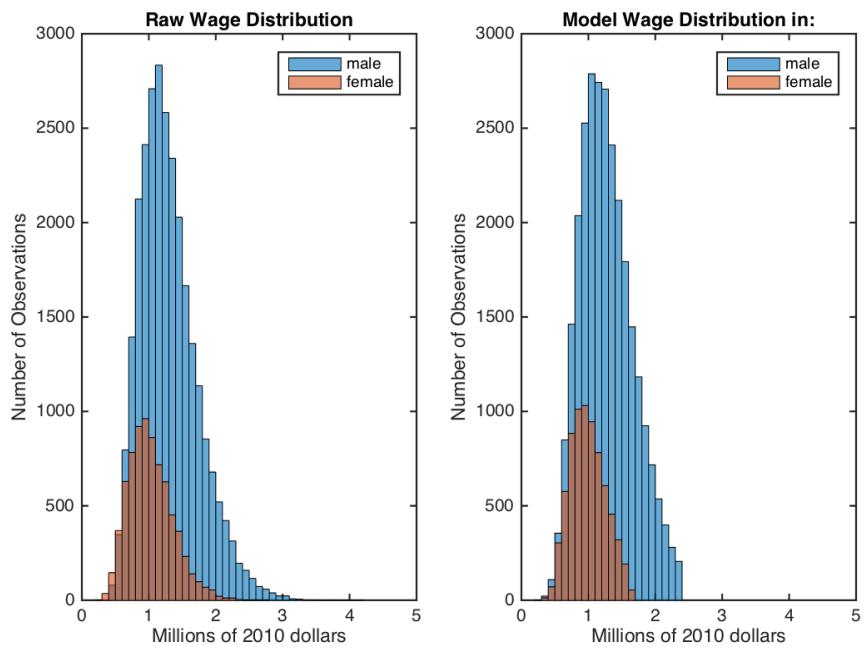
RecordsProcessingOccupations, data=0.72 model=0.708



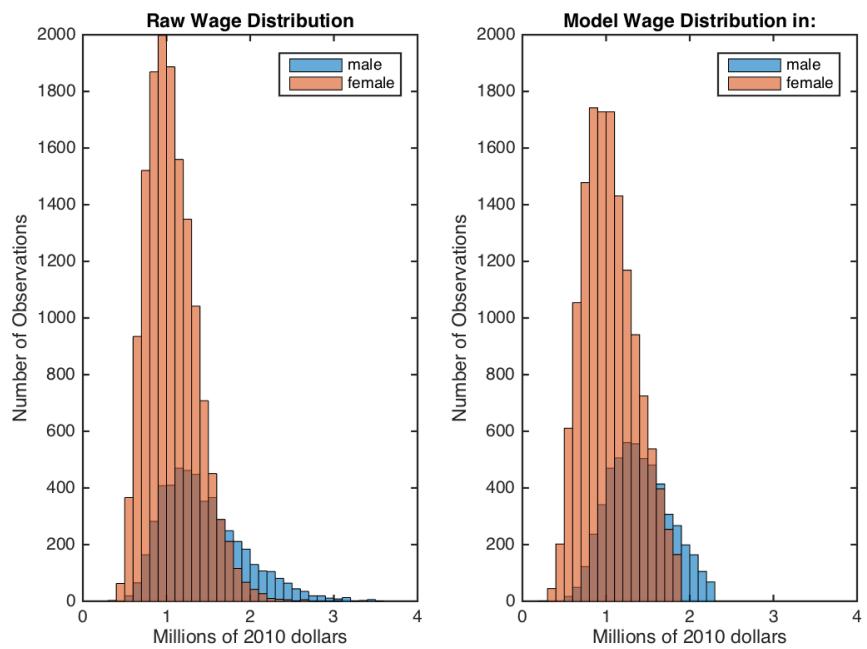
FinancialRecordsProcessingOcc data=0.949 model=0.941



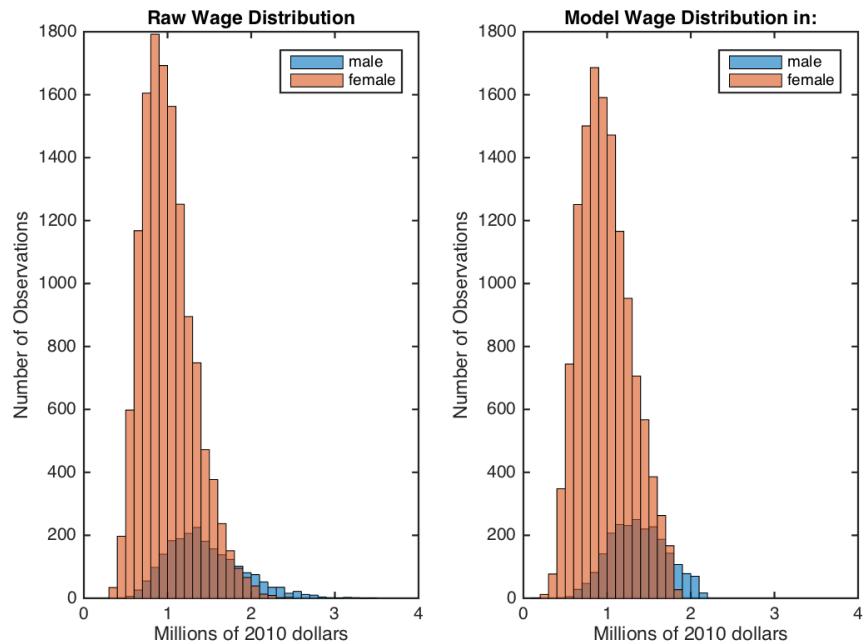
MailandMaterialDistribution data=0.216 model=0.208



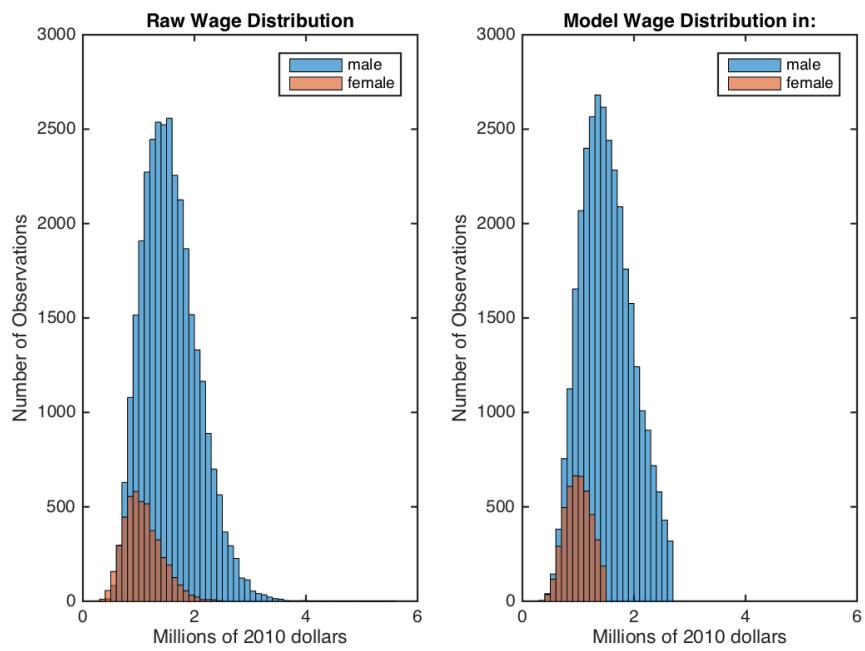
AdjustersandInvestigators data=0.743 model=0.726



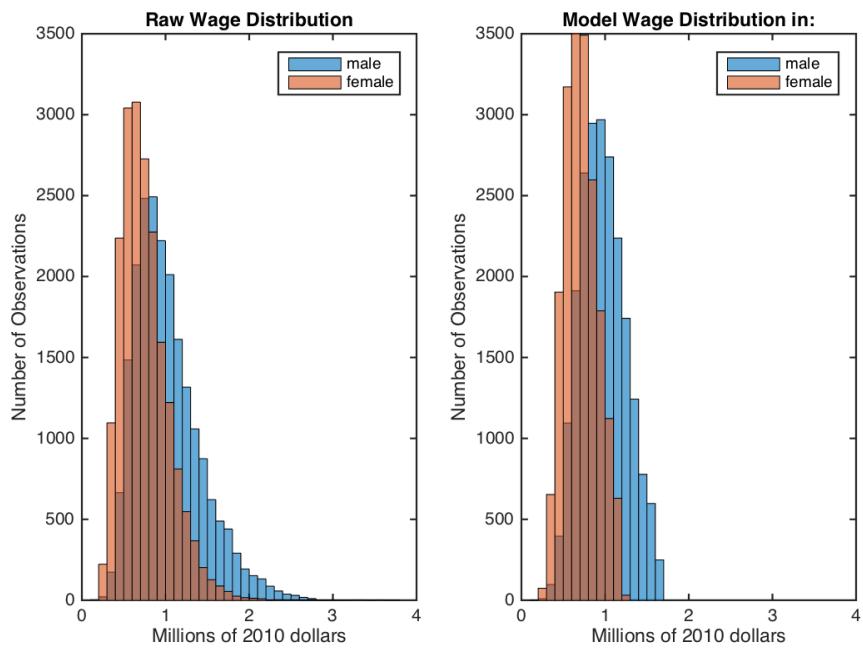
MiscellaneousAdministrativeSup data=0.856 model=0.85



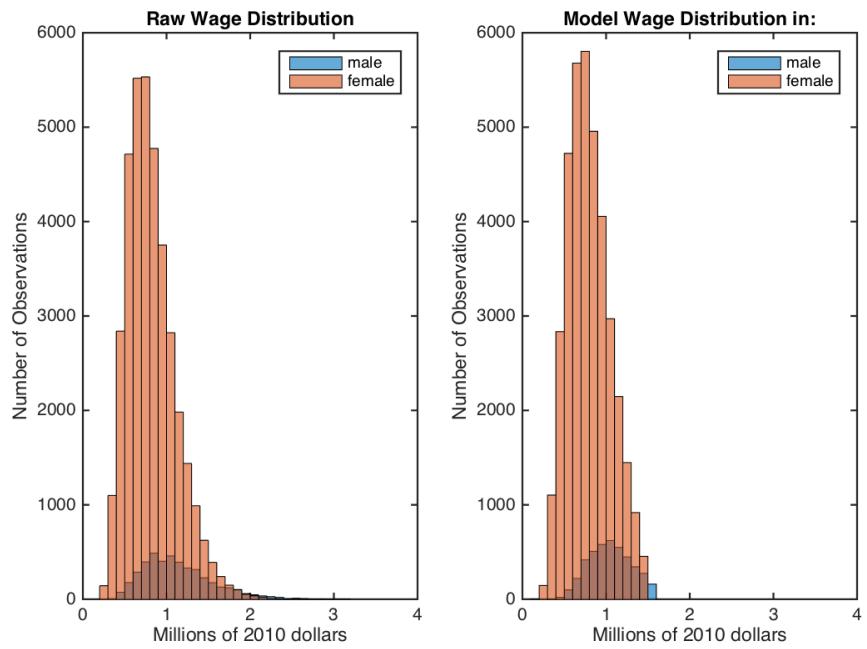
ProtectiveService data=0.127 model=0.122



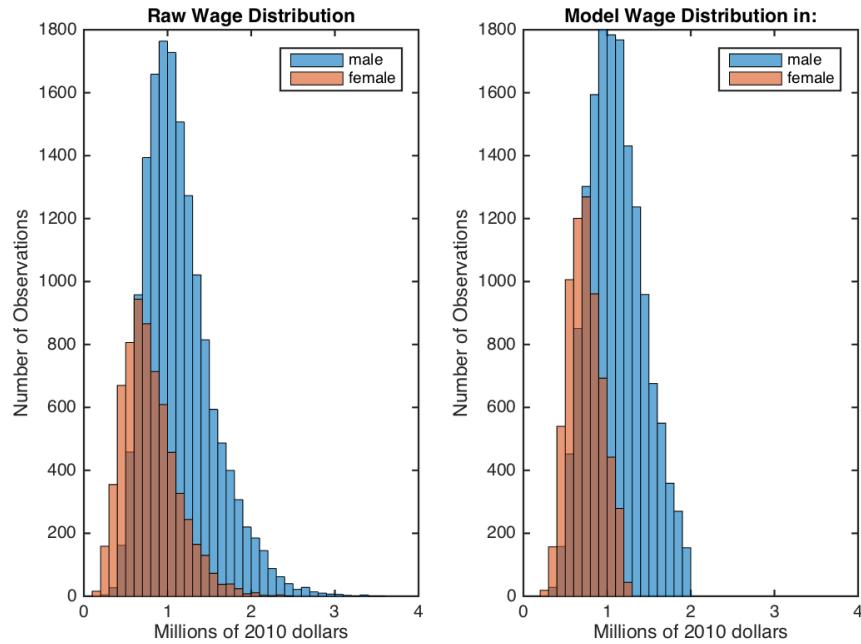
FoodPreparationandServiceOcc data=0.484 model=0.47



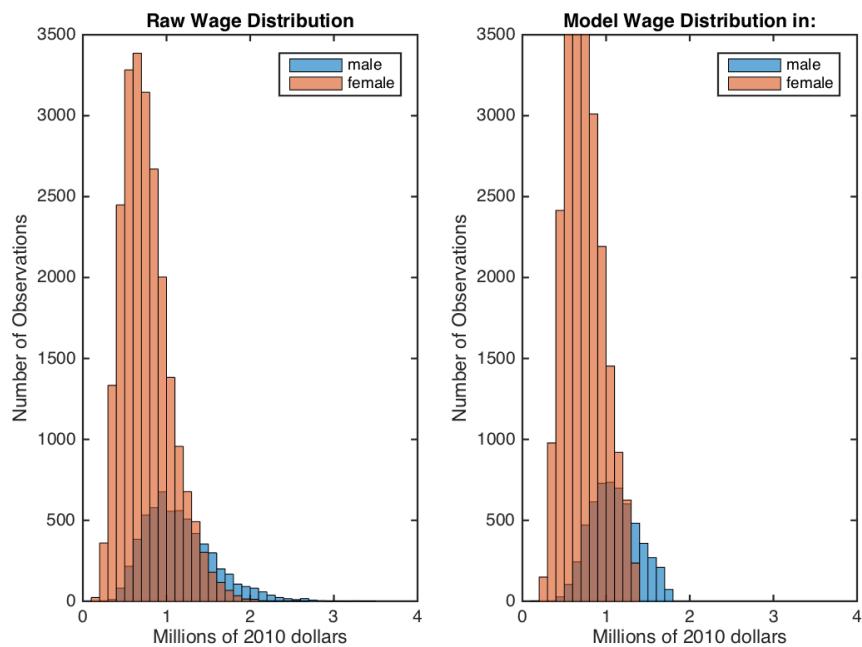
HealthServiceOccupations data=0.896 model=0.898



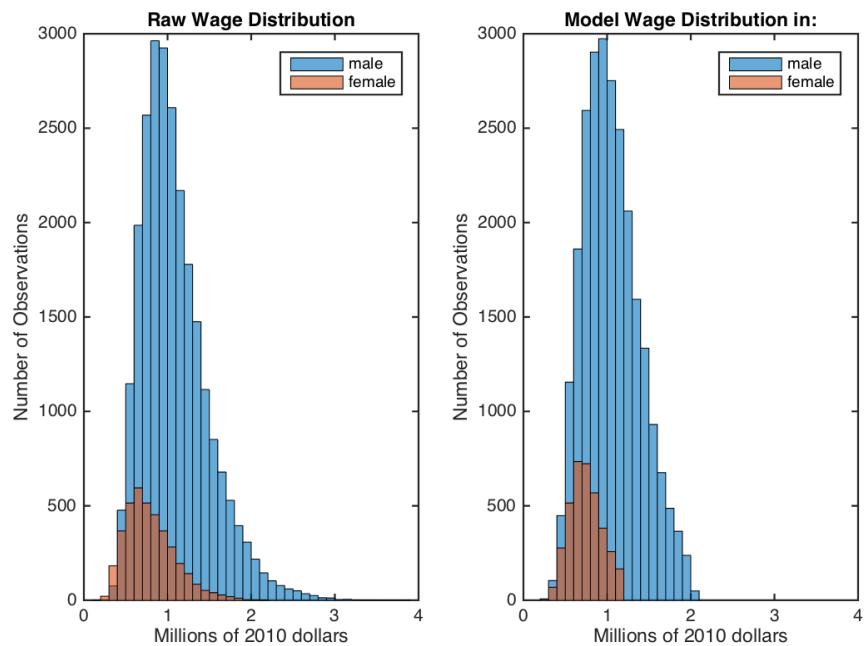
CleaningandBuildingServiceOc data=0.302 model=0.299



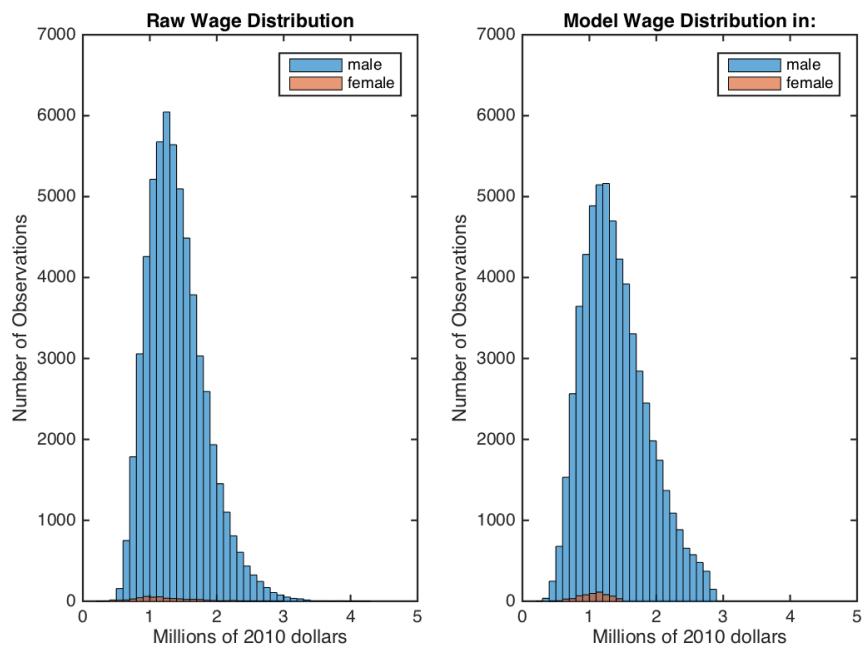
PrivateHouseholdandPersonalS data=0.792 model=0.806



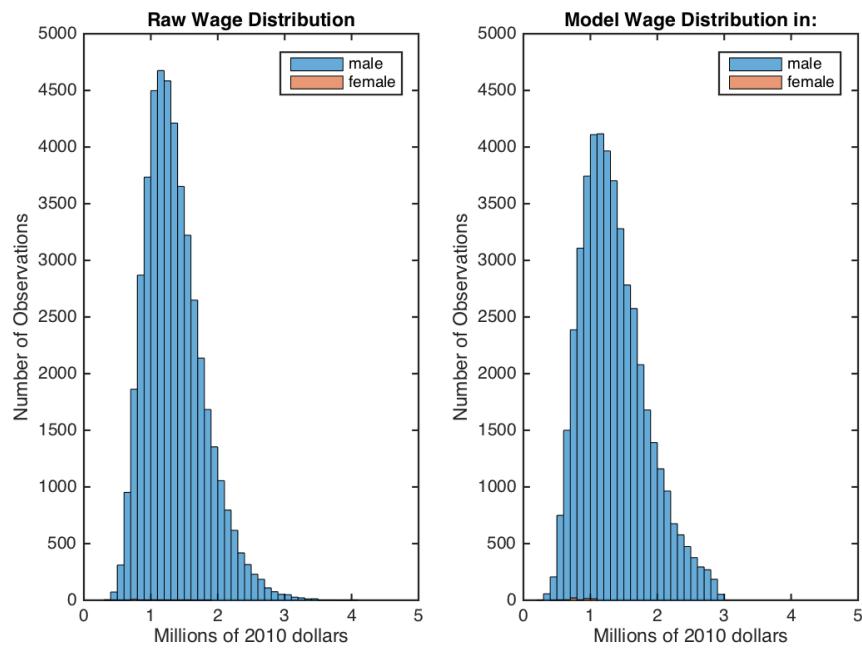
Agriculture,ForestryandFishin data=0.135 model=0.129



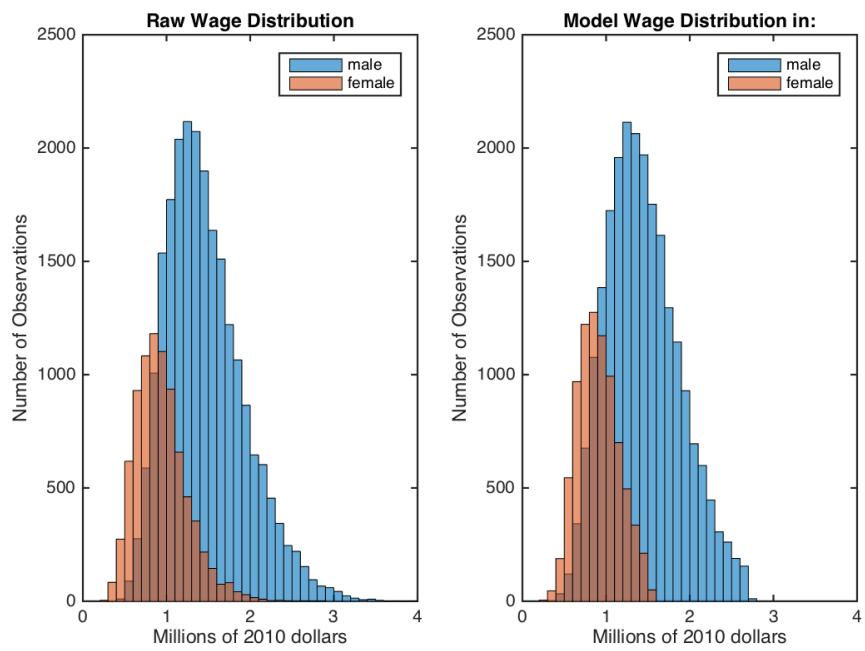
MechanicsandRepairers data=0.008 model=0.01



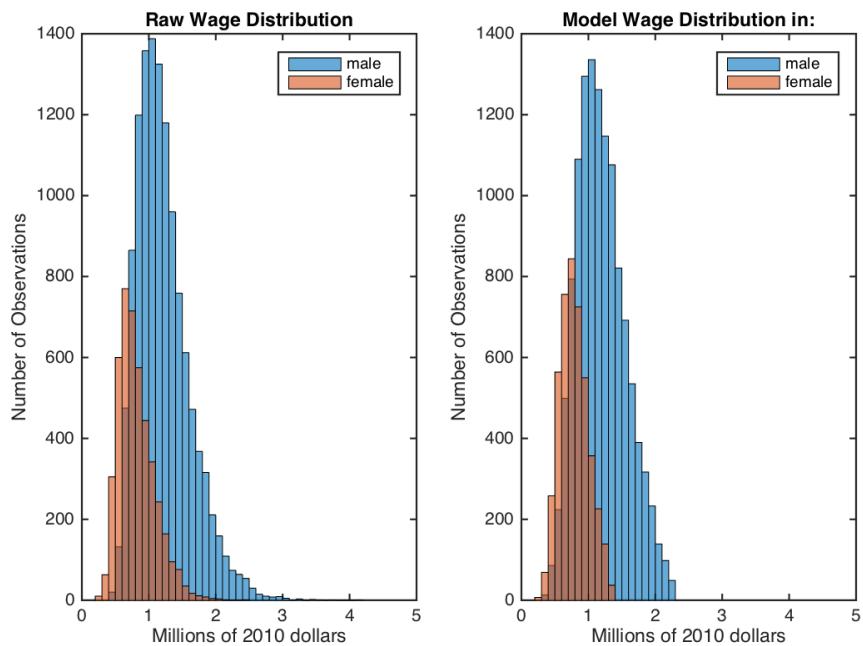
ConstructionandExtraction data=0.001 model=0.001



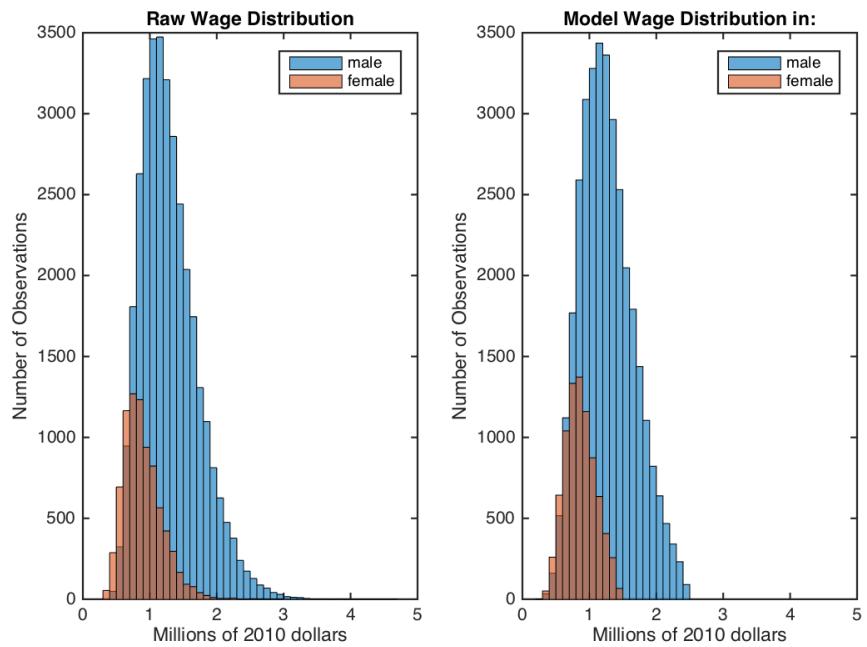
PrecisionProductionOccupations data=0.268 model=0.264



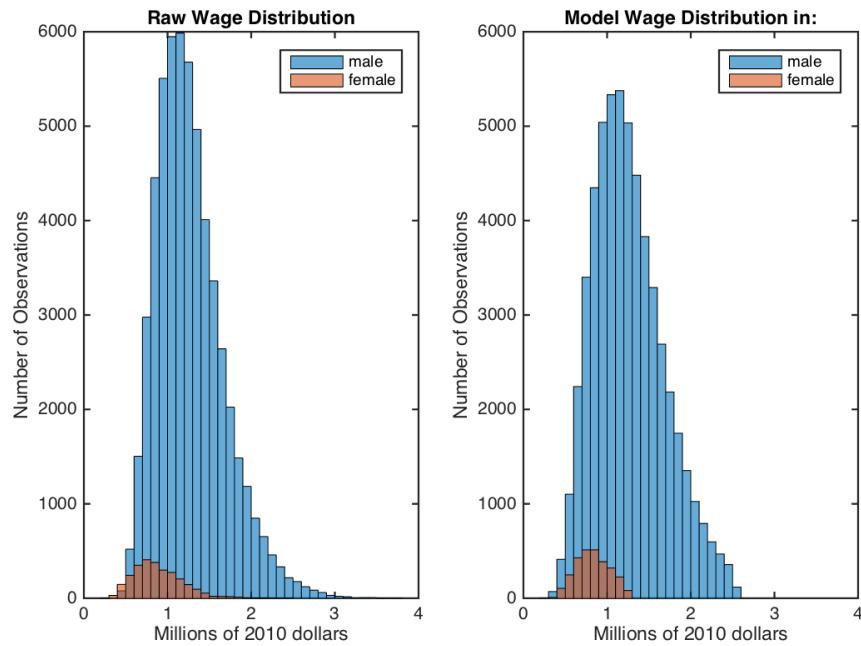
Metal,Wood,Plastic,Print,Tex data=0.269 model=0.273



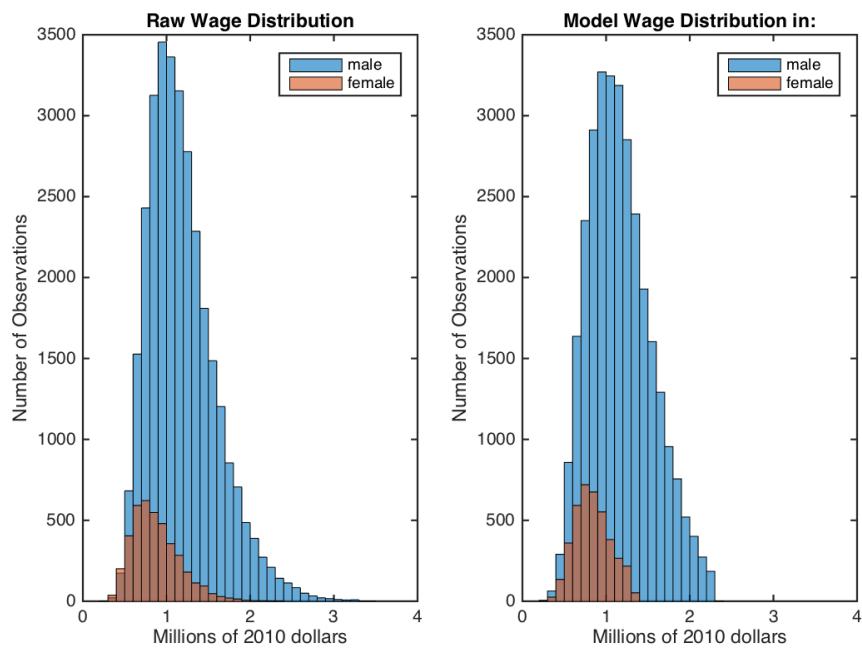
MachineOperators,Fabricators, data=0.195 model=0.193



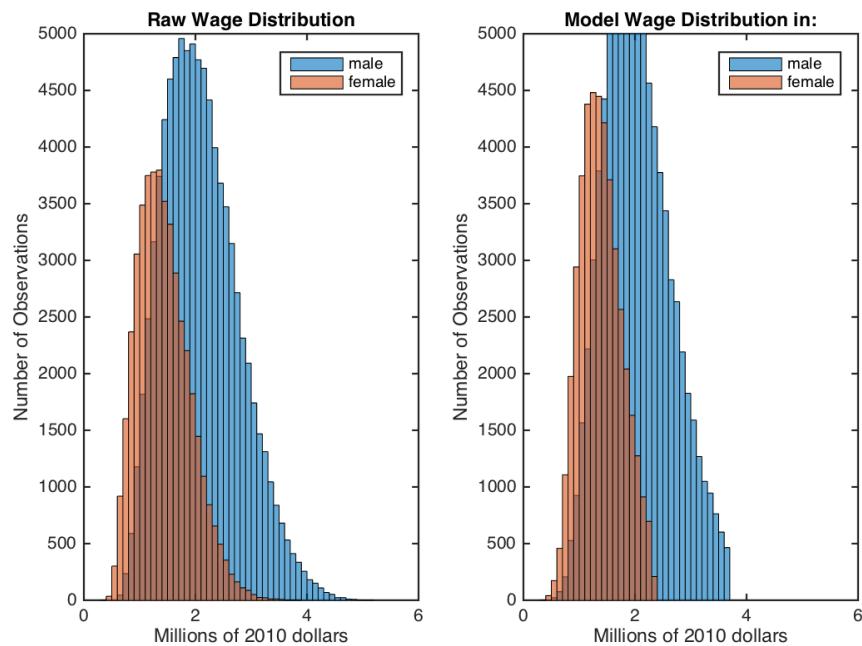
Road,RailandWaterTransportat data=0.047 model=0.049



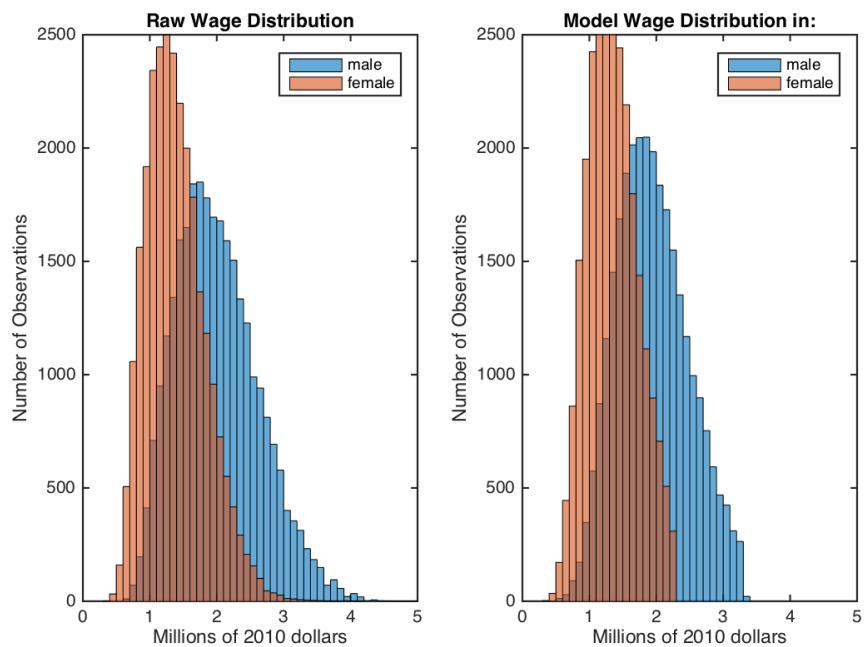
MaterialMoving,Laborers data=0.116 model=0.114



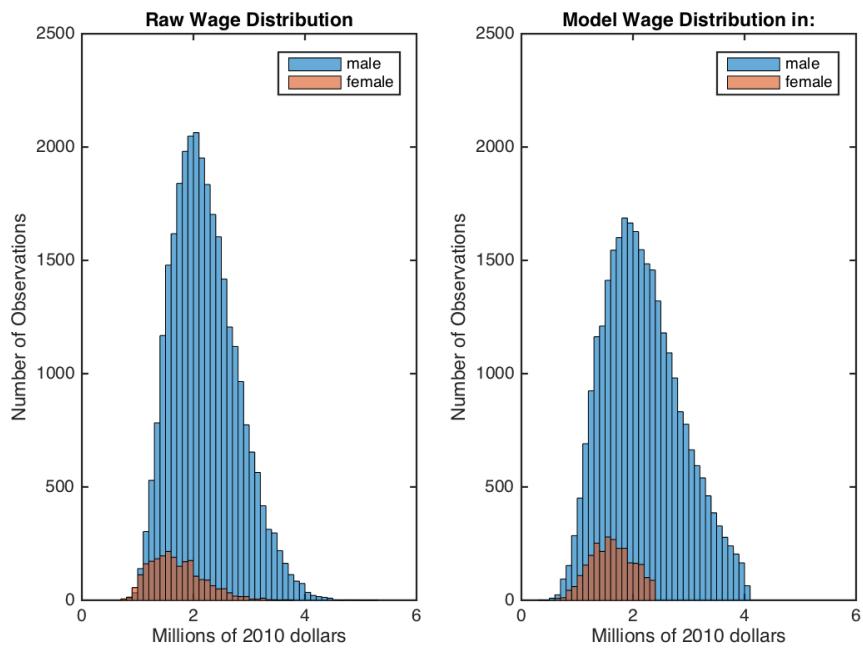
Executive,Administrative, and M data=0.343 model=0.336



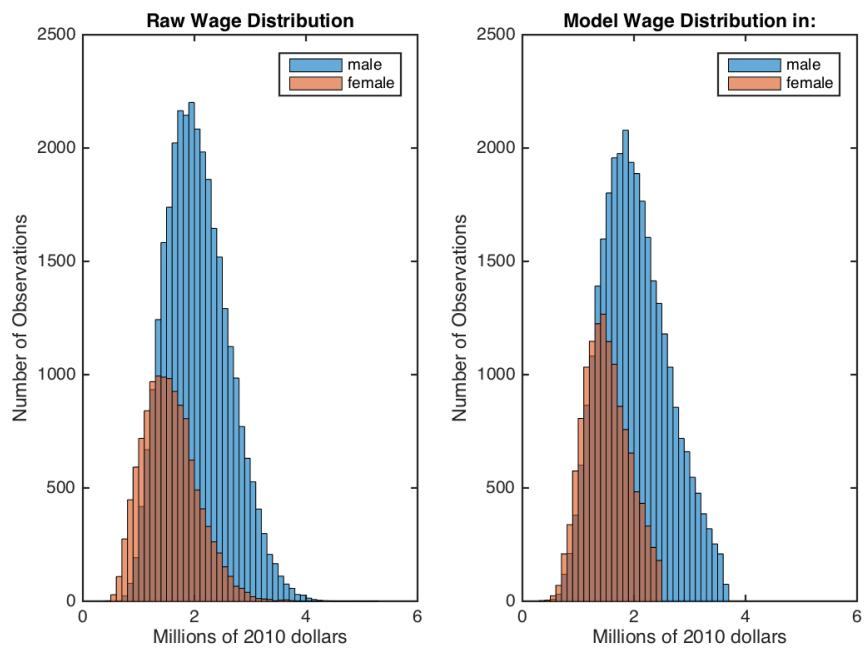
ManagementRelatedOccupations data=0.486 model=0.483



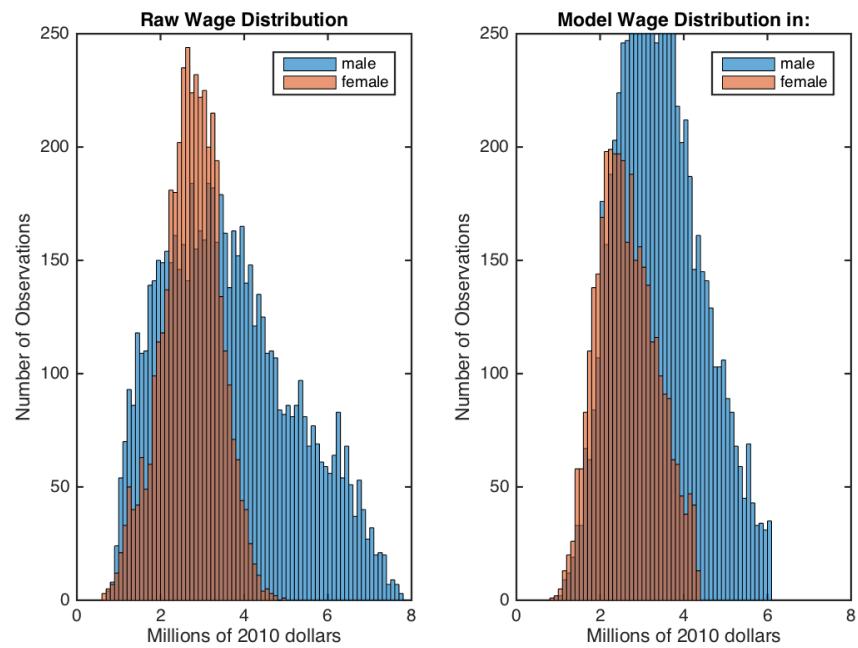
Engineers,Architects, and Surveyors data=0.074 model=0.086



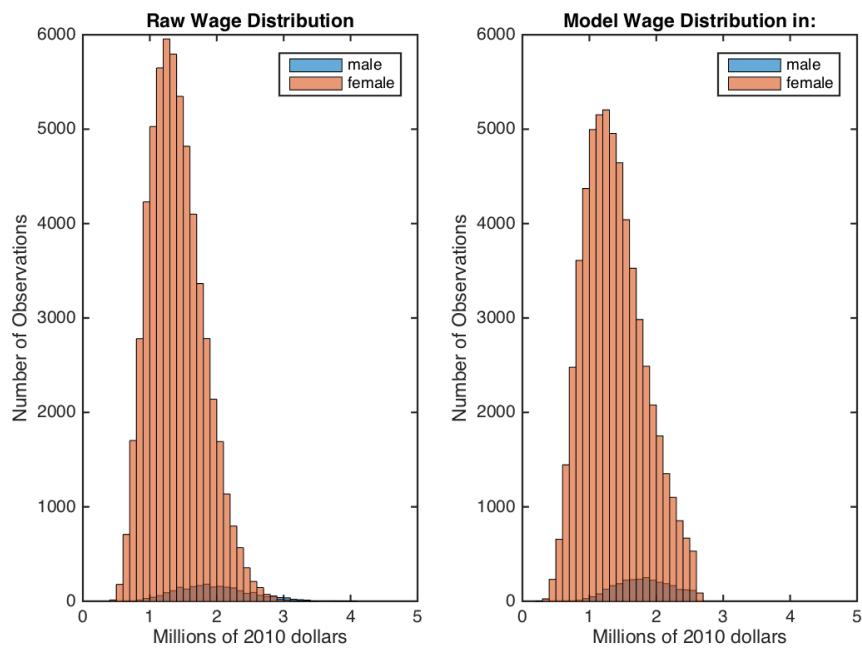
Math,Computer, and Natural Sciences data=0.283 model=0.294



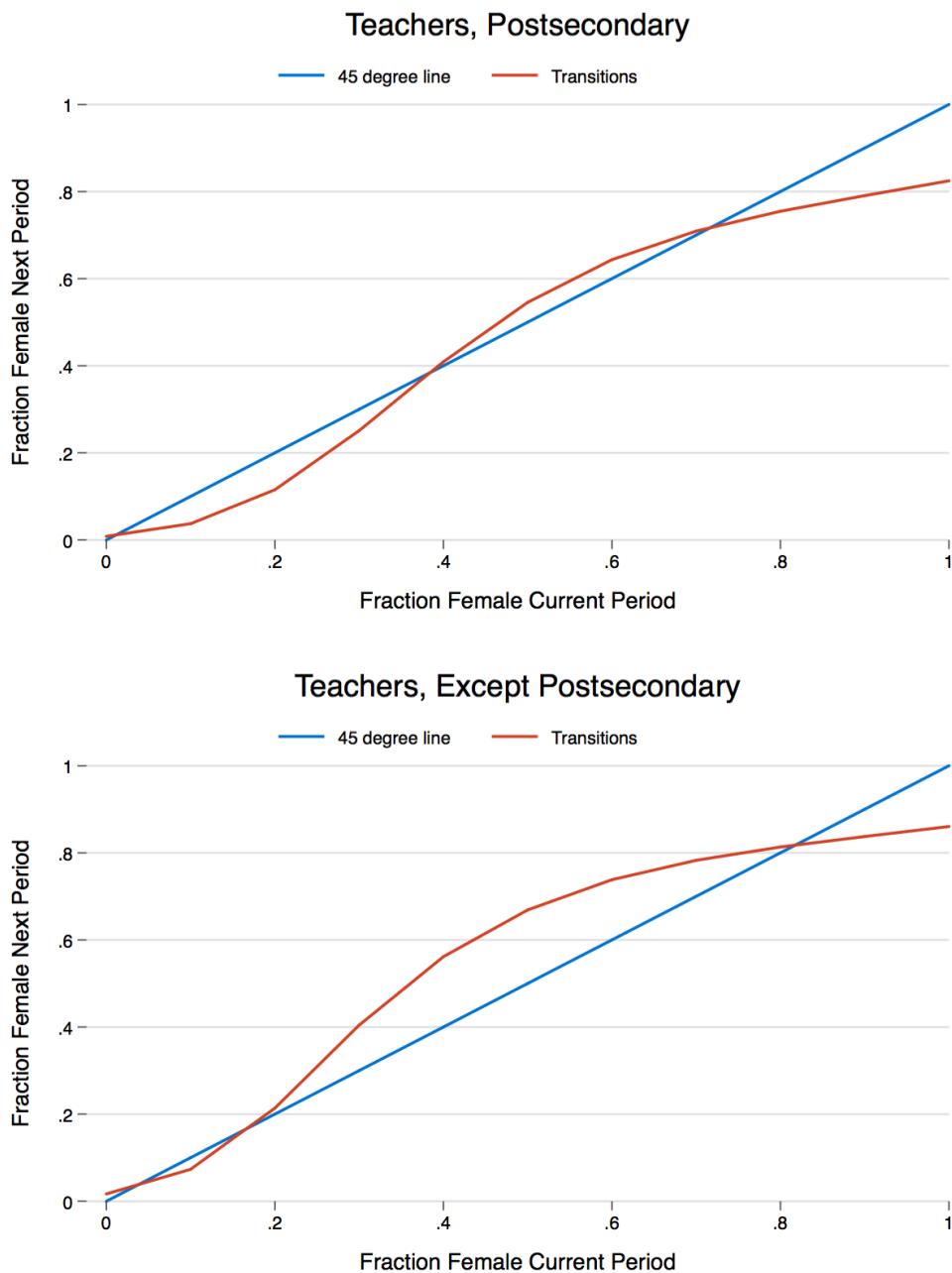
HealthDiagnosingOccupations data=0.369 model=0.326



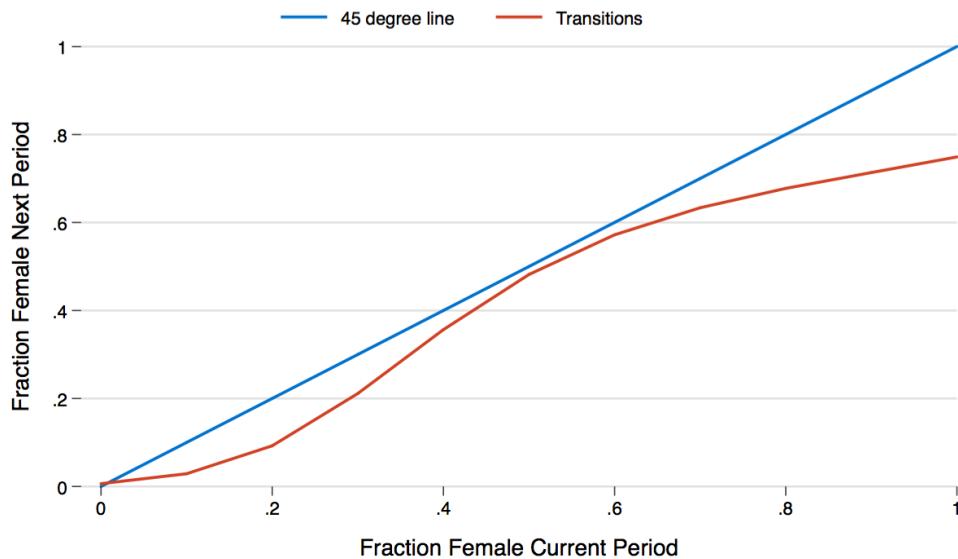
HealthAssessmentandTreatinga data=0.962 model=0.956



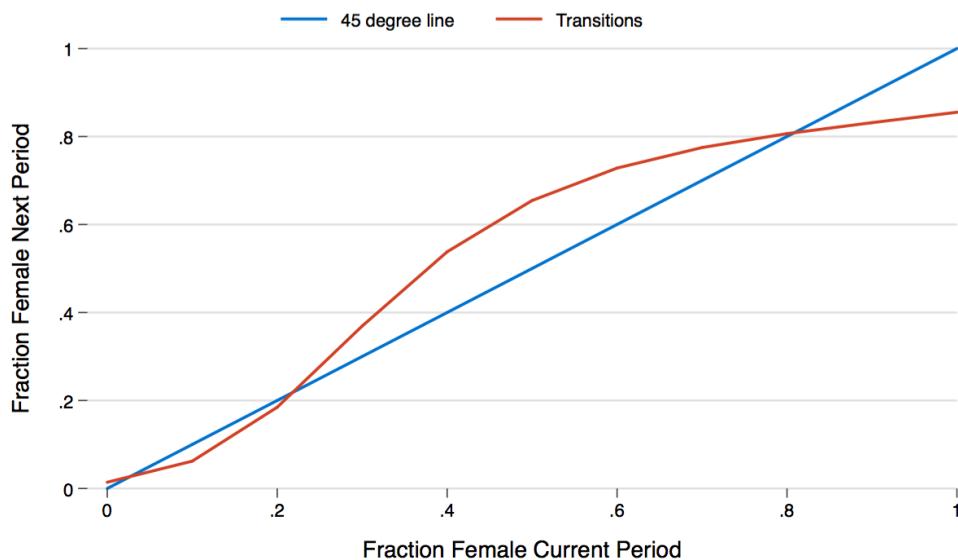
## 5 Fixed wage graphs



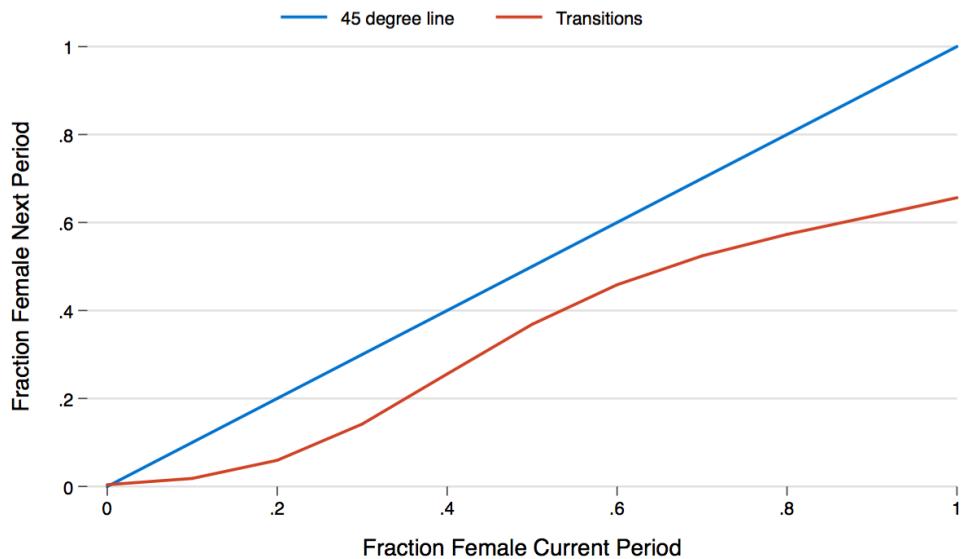
### Social Scientists, Lawyers, Judges, Urban Planners, Librarians



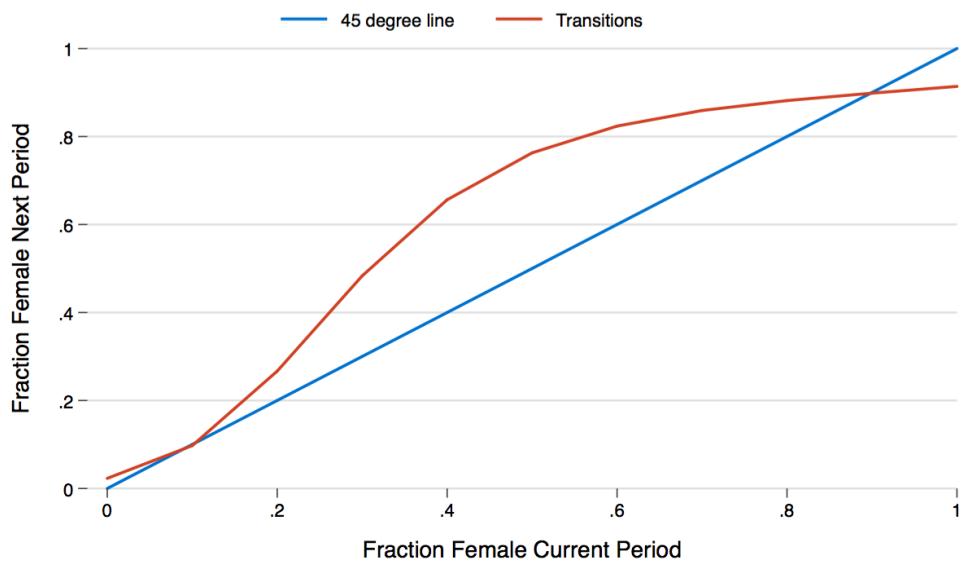
### Social, Recreation, and Religious Workers



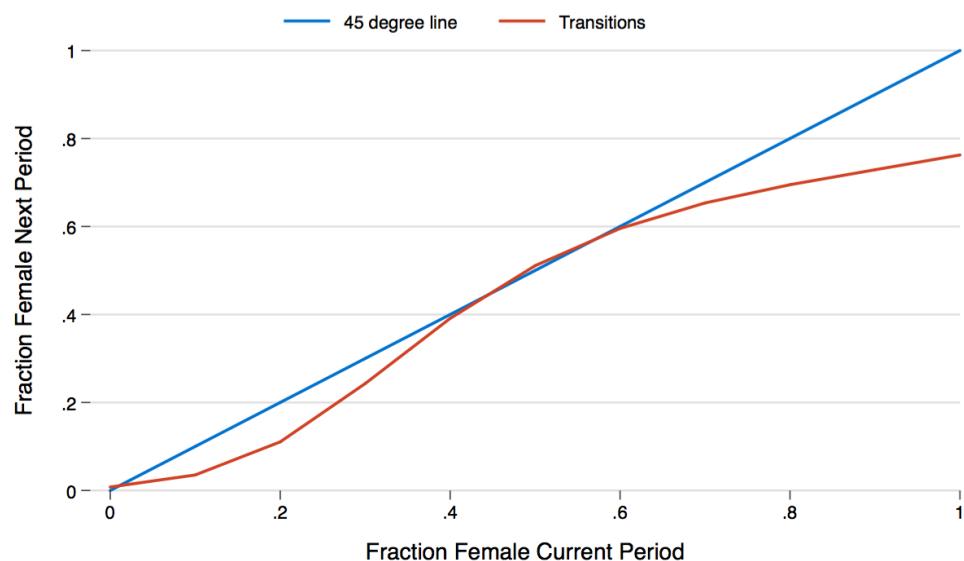
### Writers, Artists, Entertainers, and Athletes



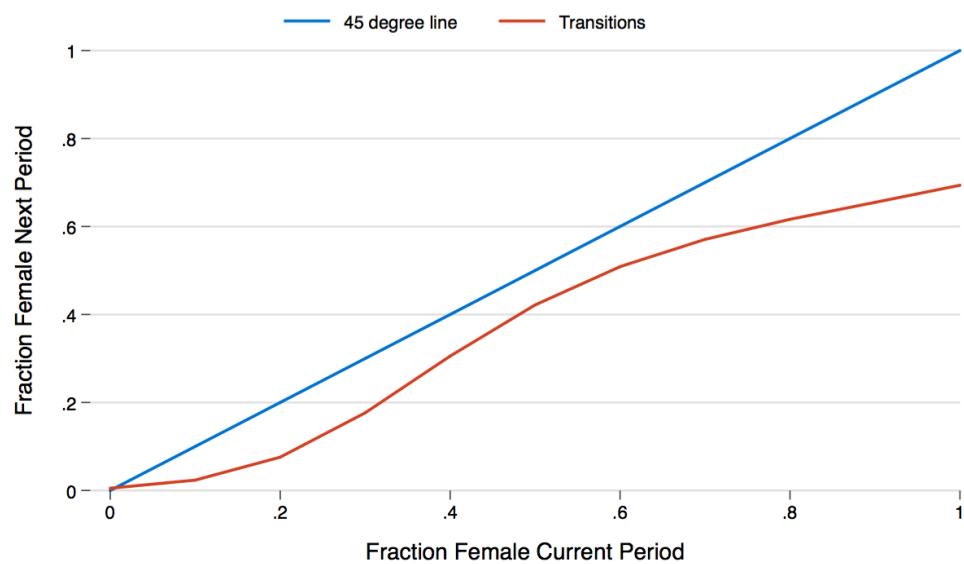
### Health Technologists and Technicians



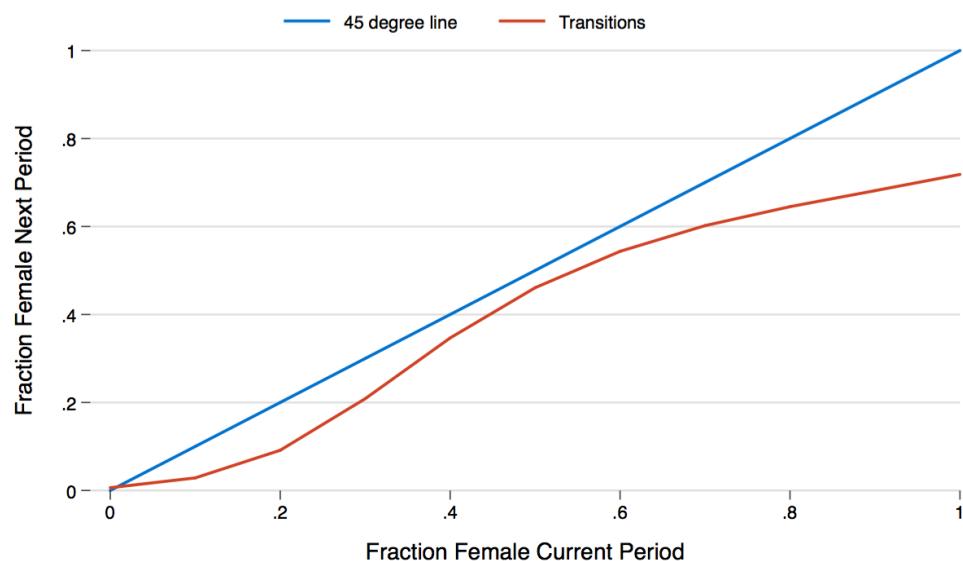
### Technicians except health



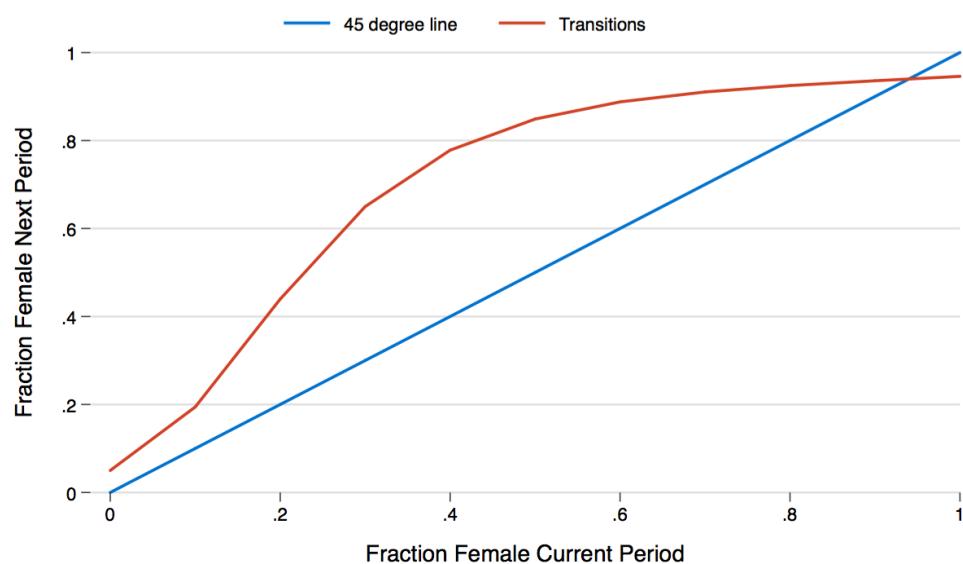
### Sales Representatives, Finance and Business Services



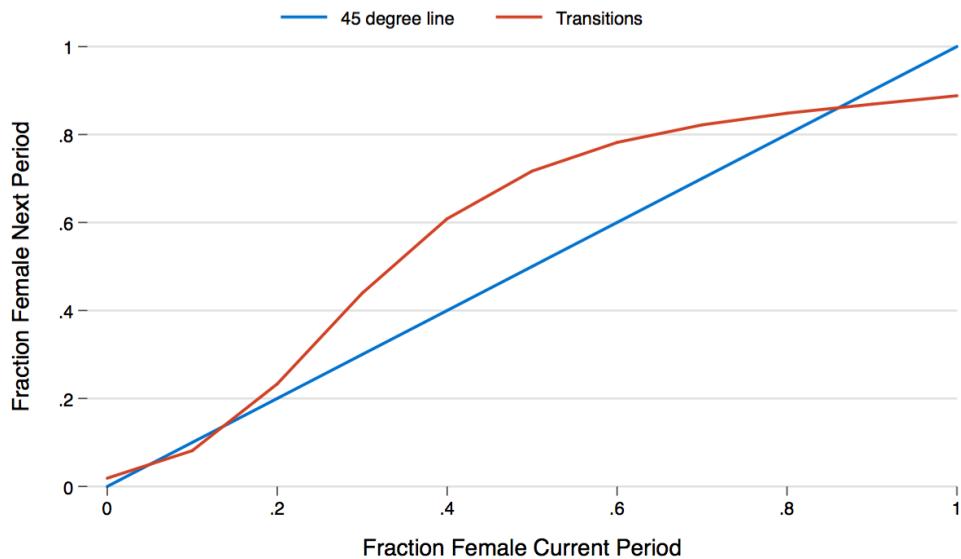
### Sales Workers, Retail and Personal Services



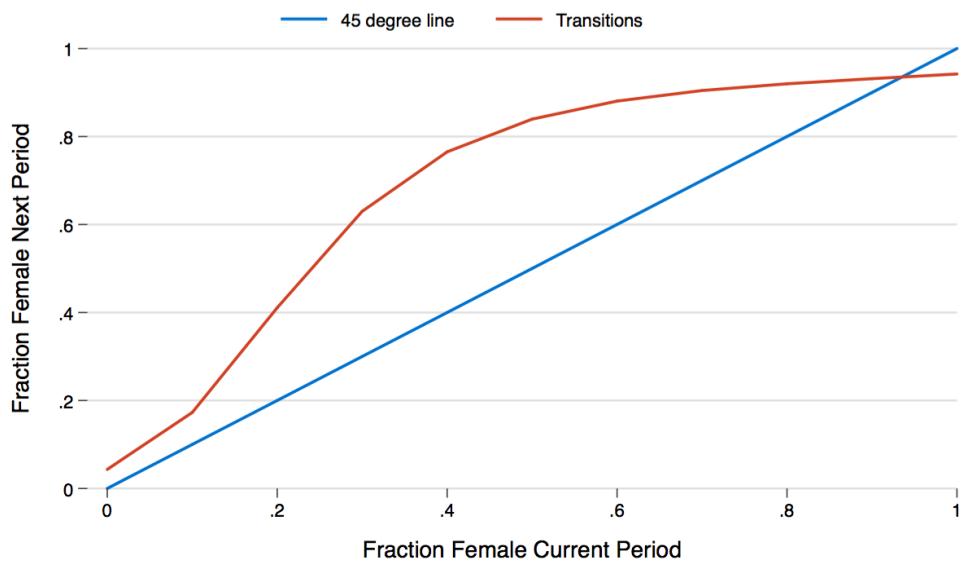
### Administrative Support



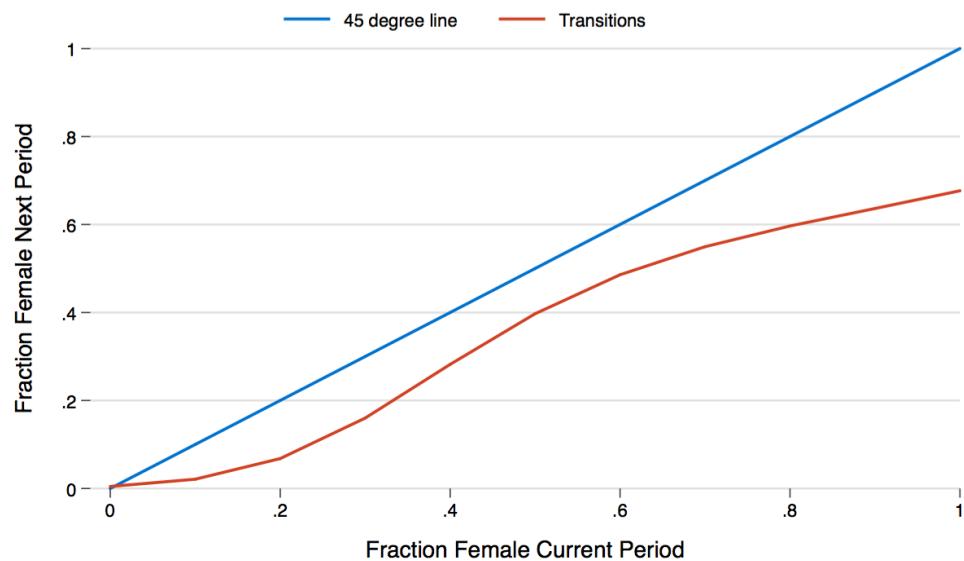
### Records Processing Occupations, Except Financial



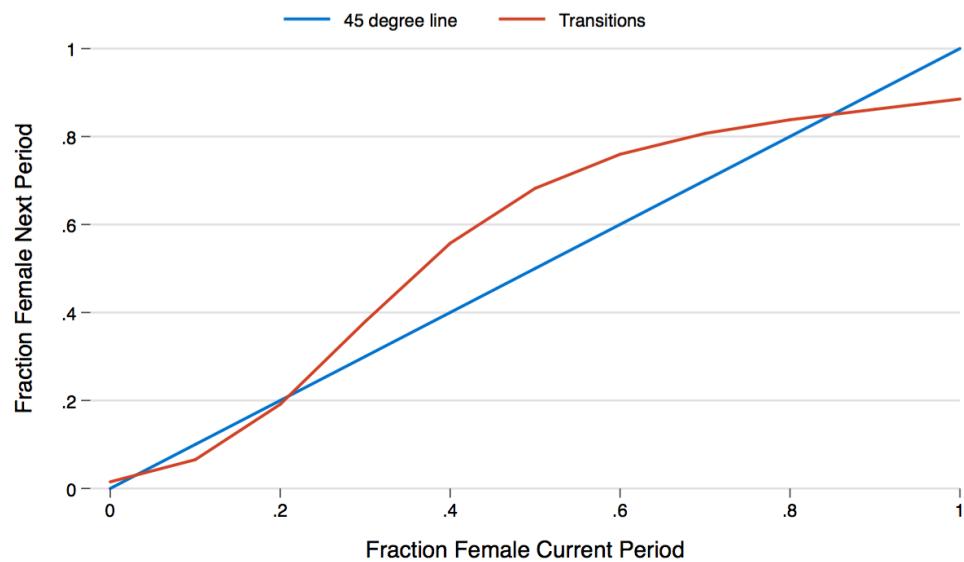
### Financial Records Processing Occupations



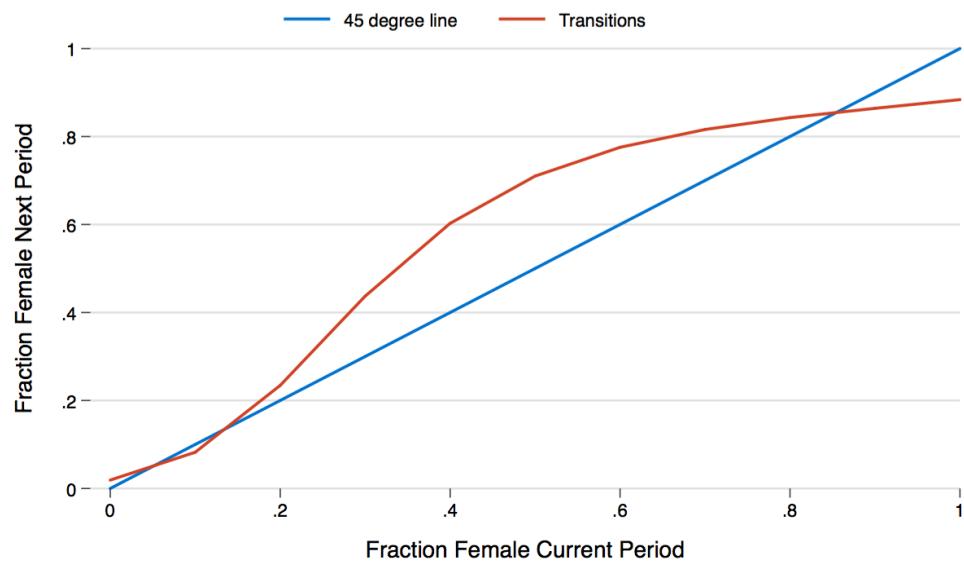
### Mail and Material Distribution



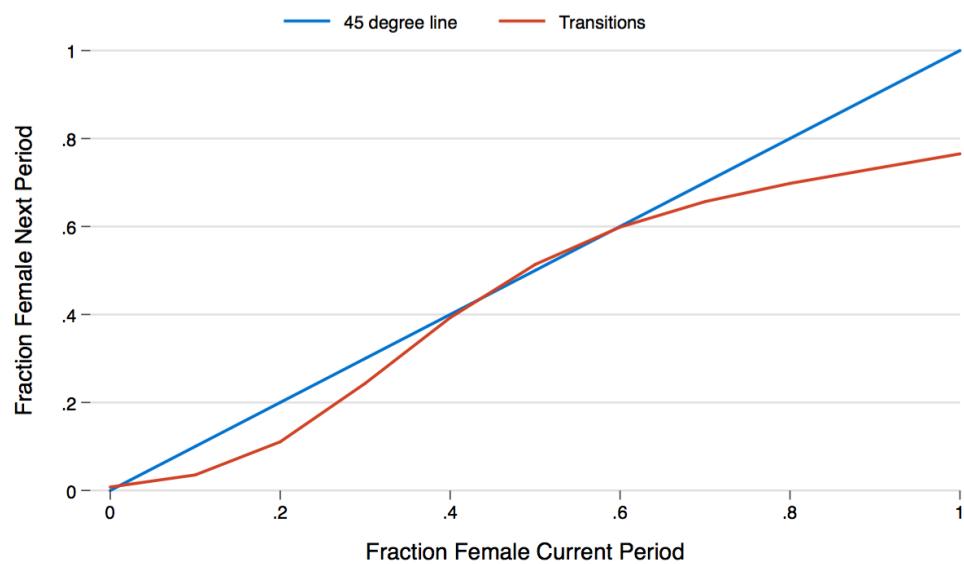
### Adjusters and Investigators



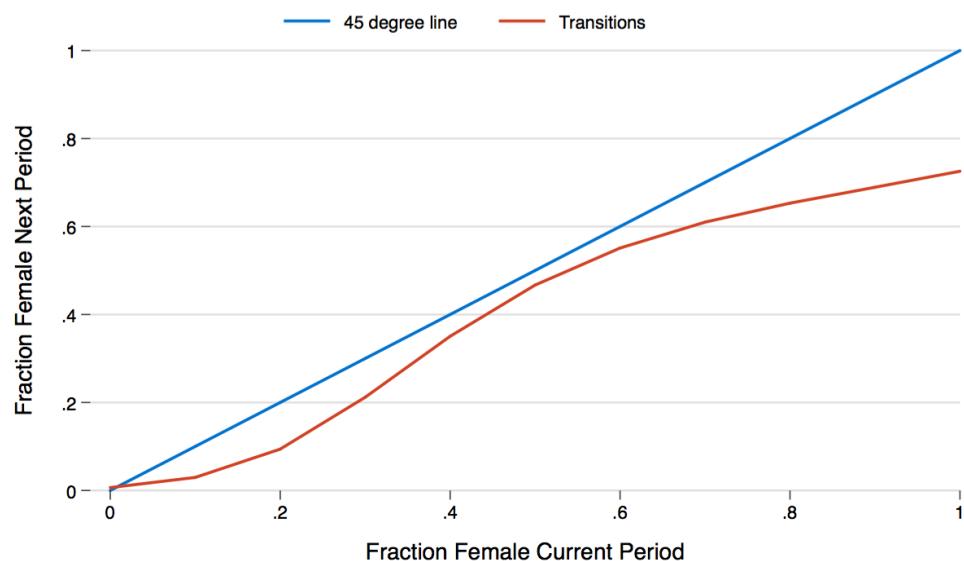
### Miscellaneous Administrative Support Occupations



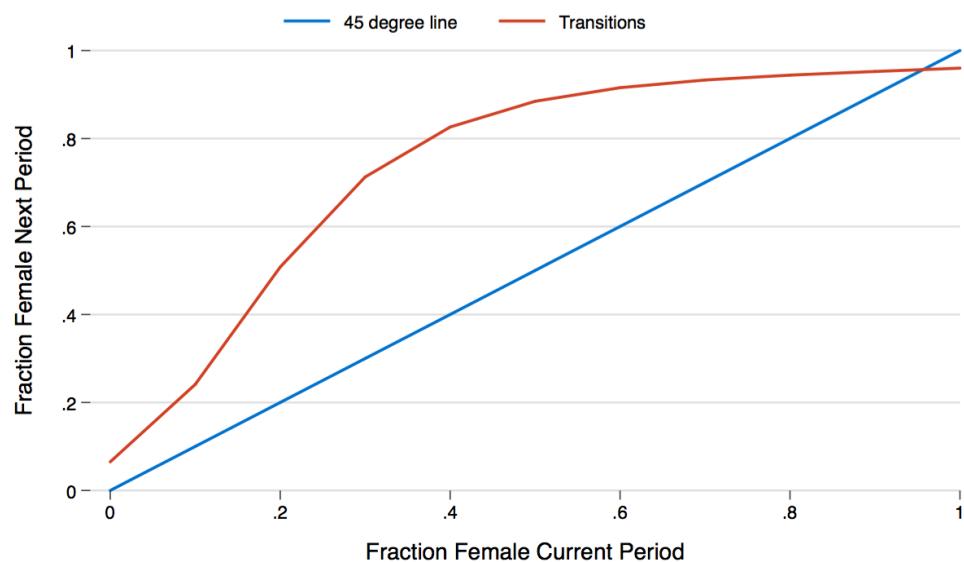
### Protective Service



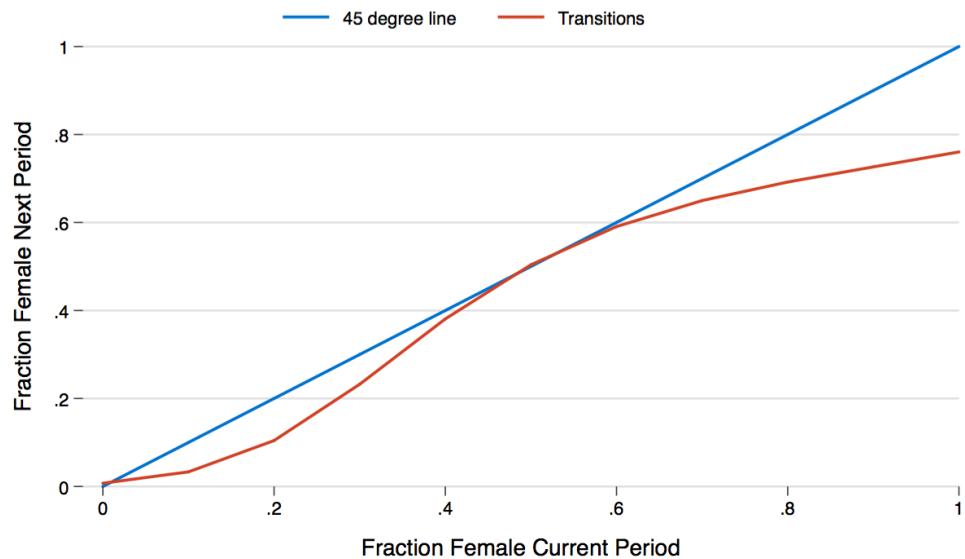
### Food Preparation and Service Occupations



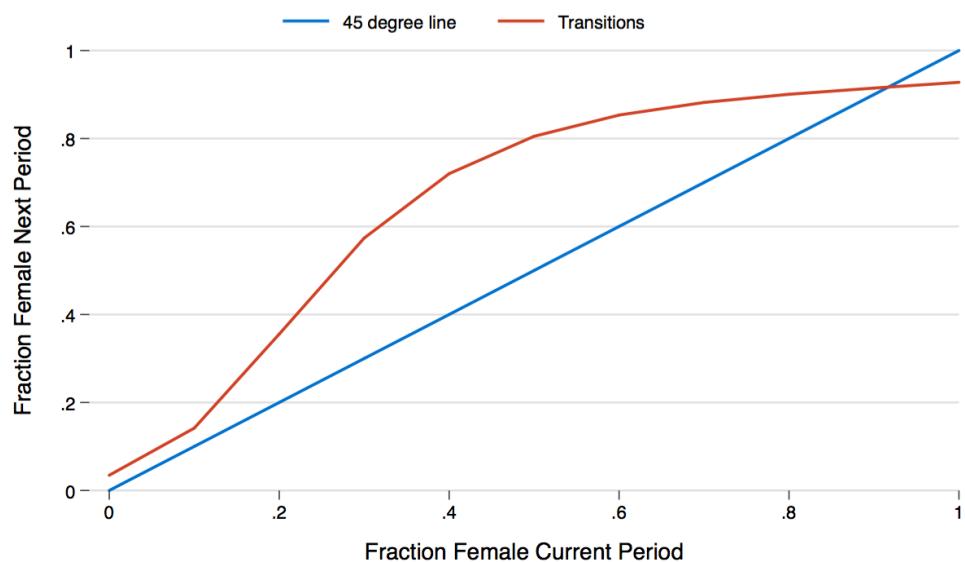
### Health Service Occupations



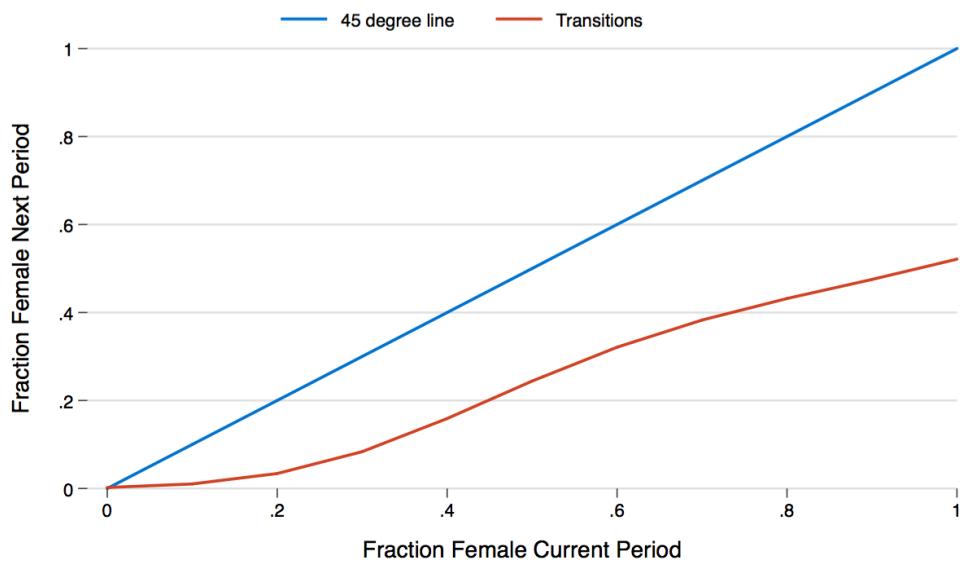
### Cleaning and Building Service Occupations, Except Household



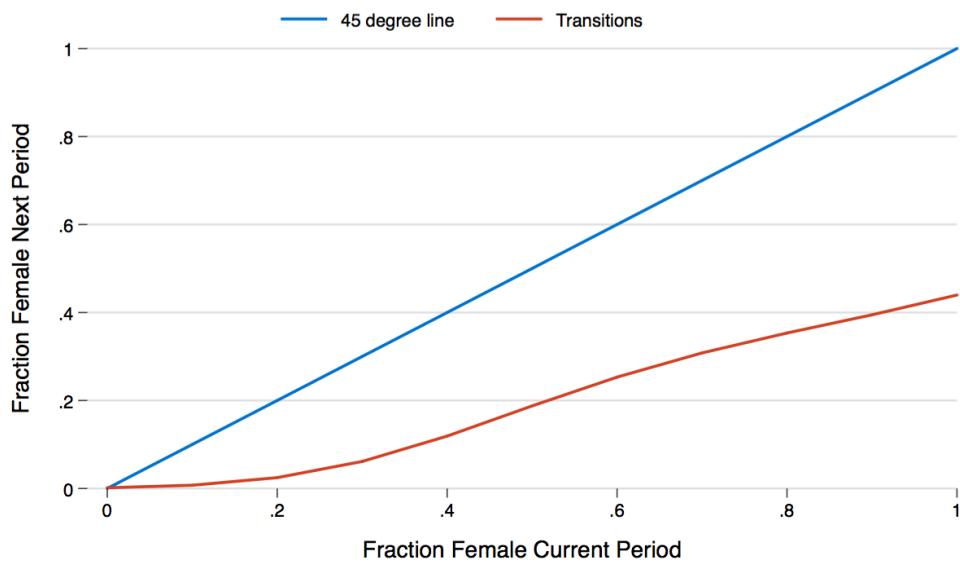
### Private Household and Personal Service



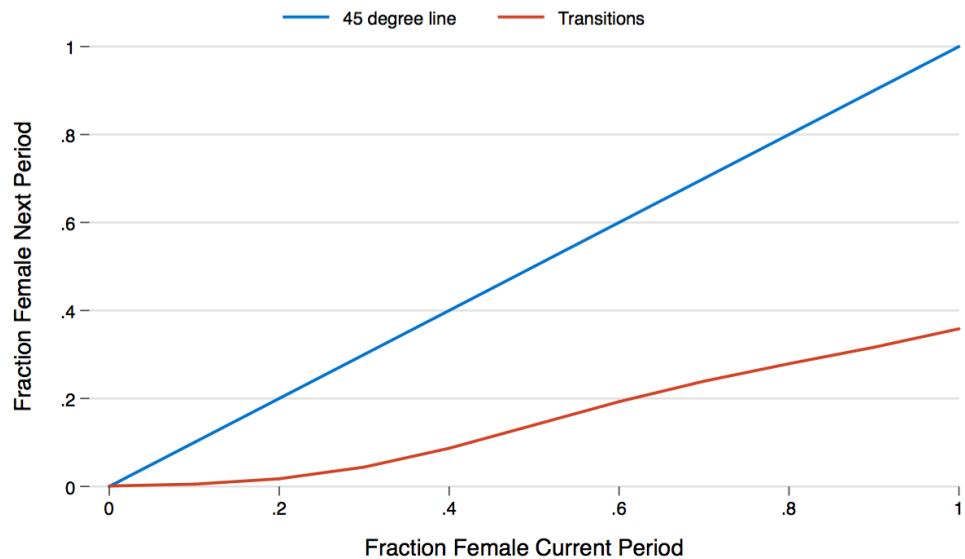
### Agriculture, Forestry and Fishing



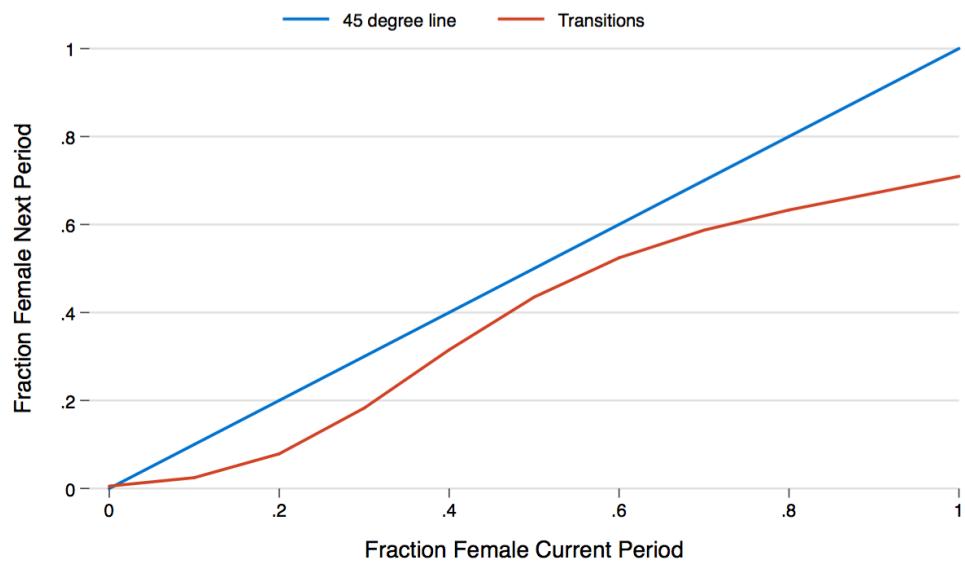
### Mechanics and Repairers



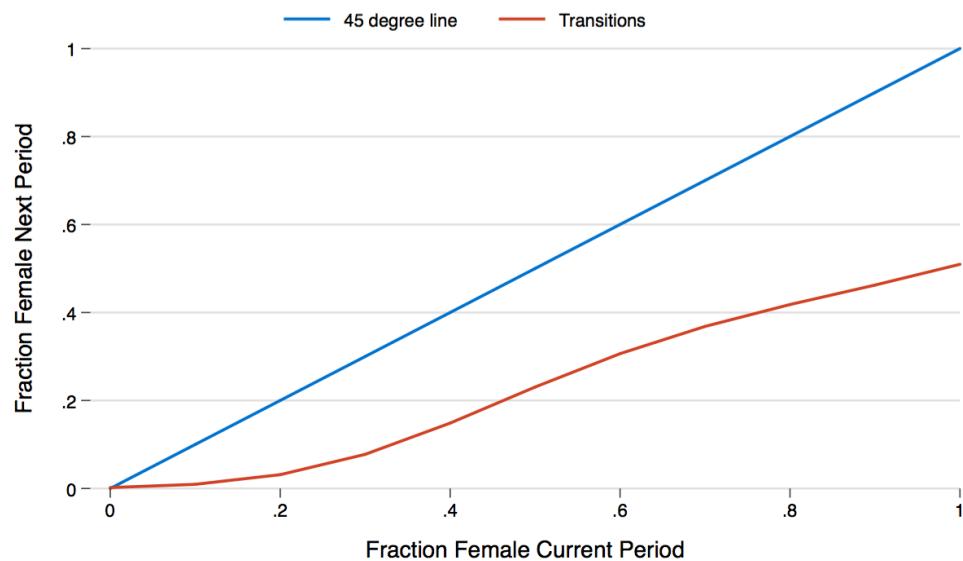
### Construction and Extraction



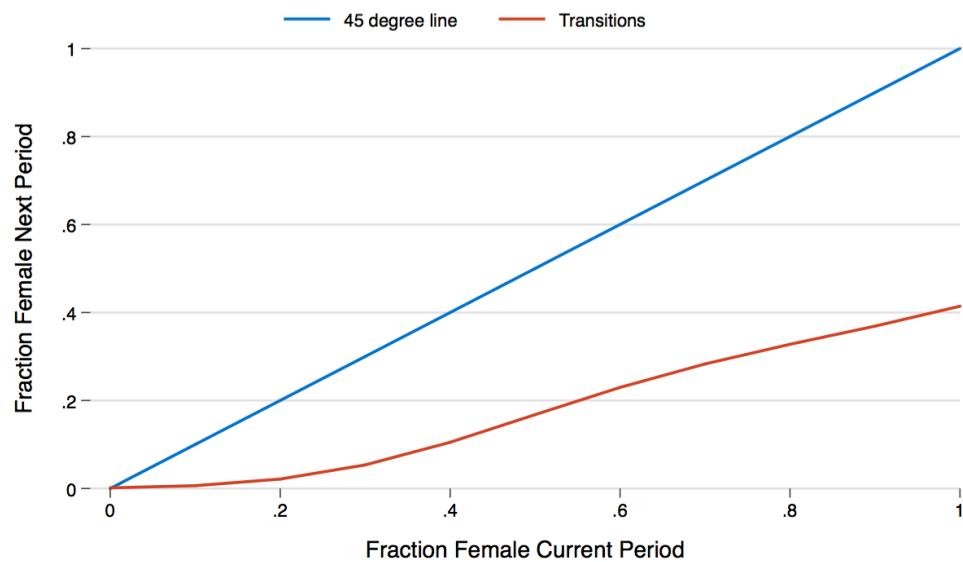
### Precision Production Occupations



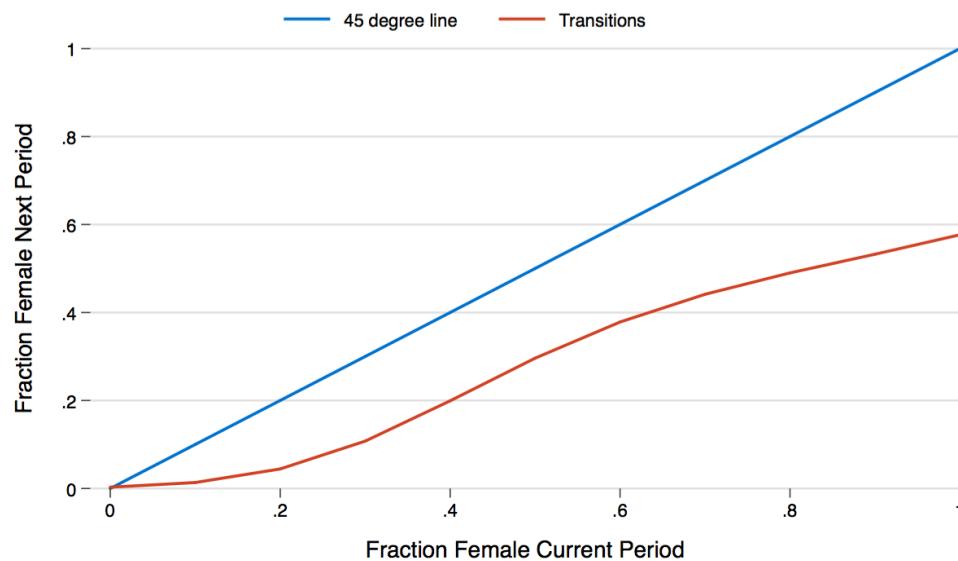
### Metal, Wood, Plastic, Print, Textile



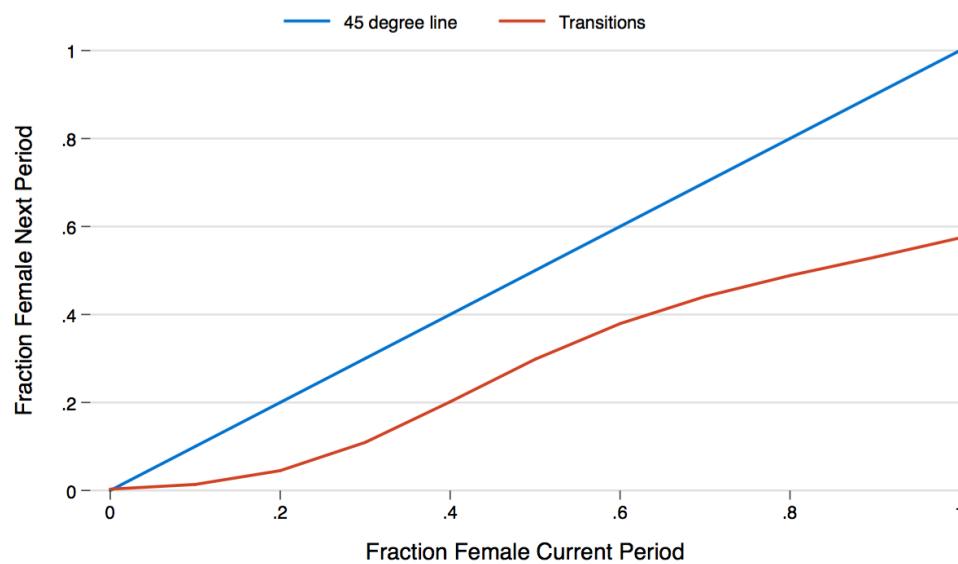
### Machine Operators, Fabricators, Assemblers, Testers



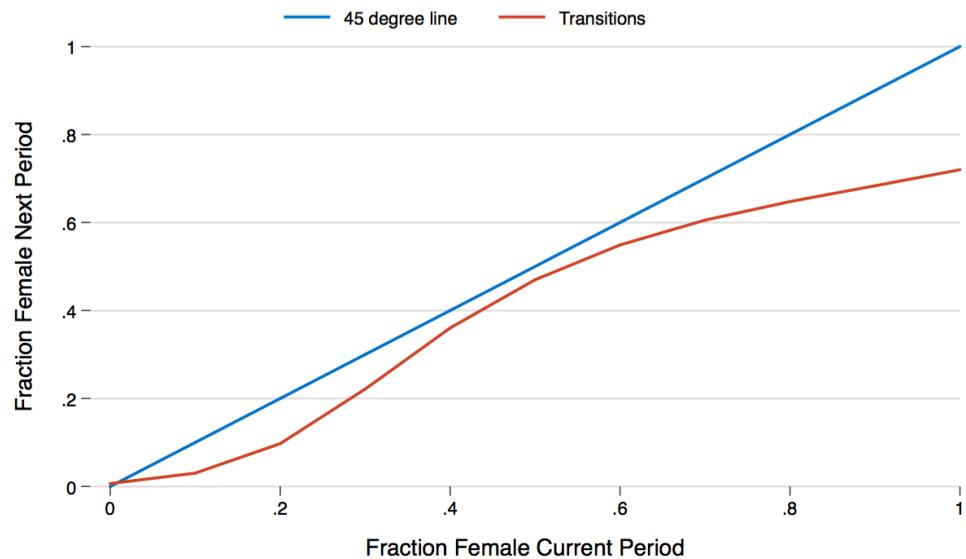
### Road, Rail and Water Transportation



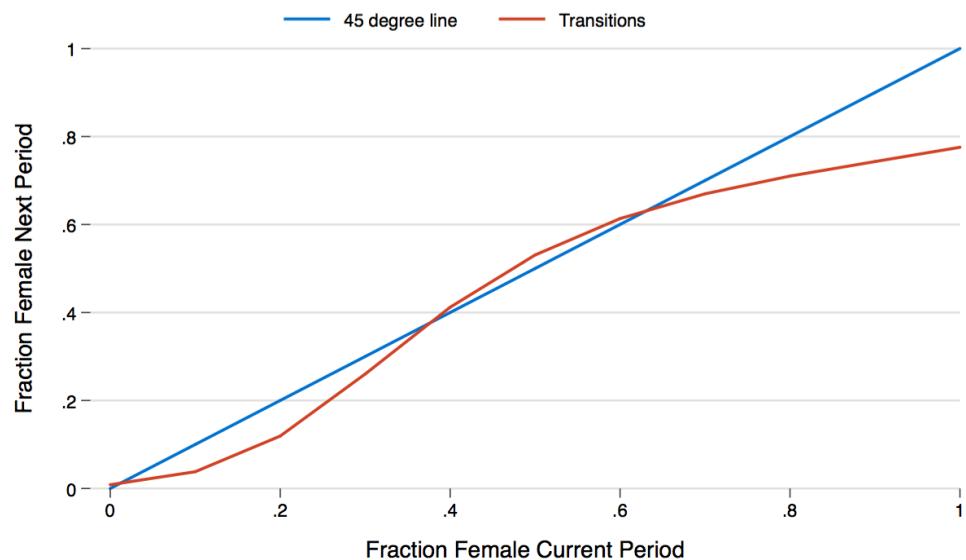
### Material Moving, Laborers



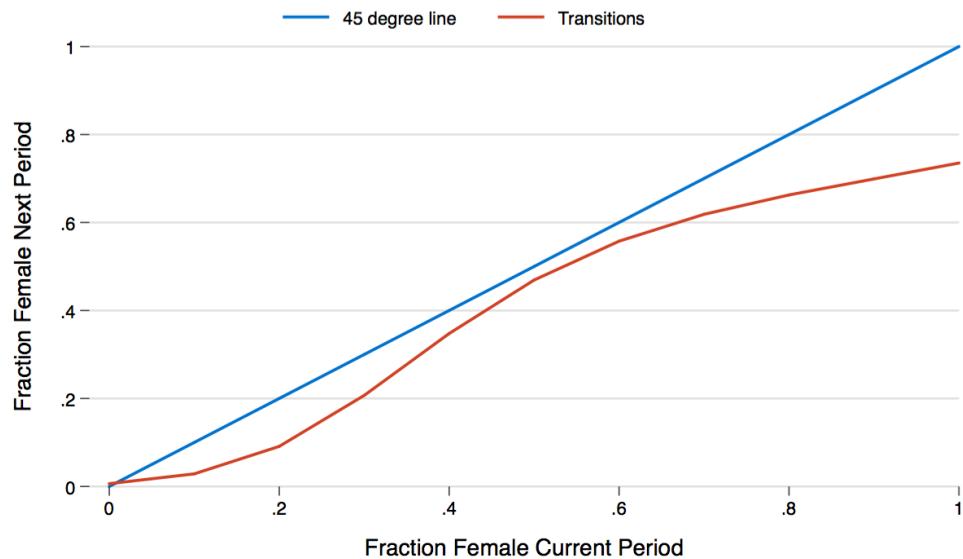
### Executive, Administrative, and Managerial Occupations



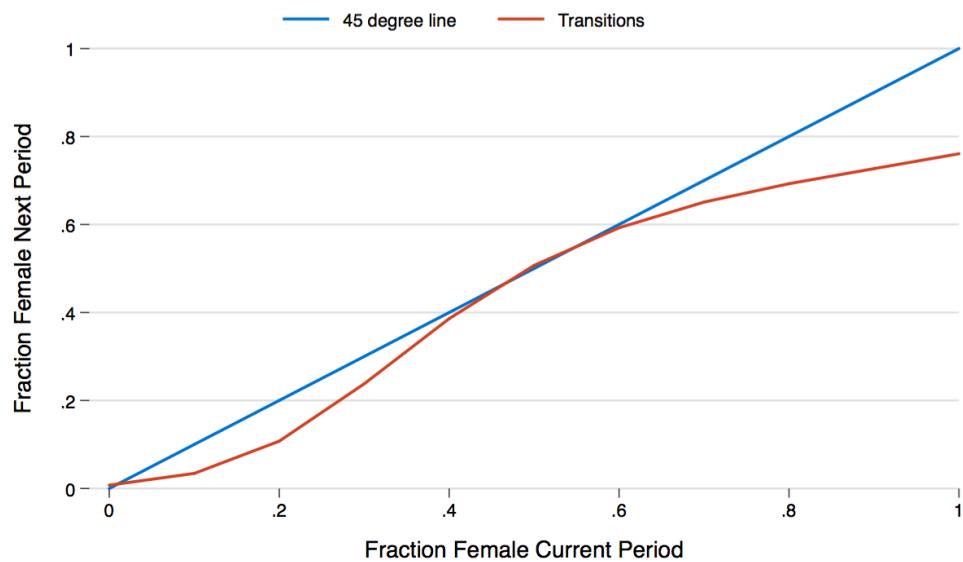
### Management Related Occupations



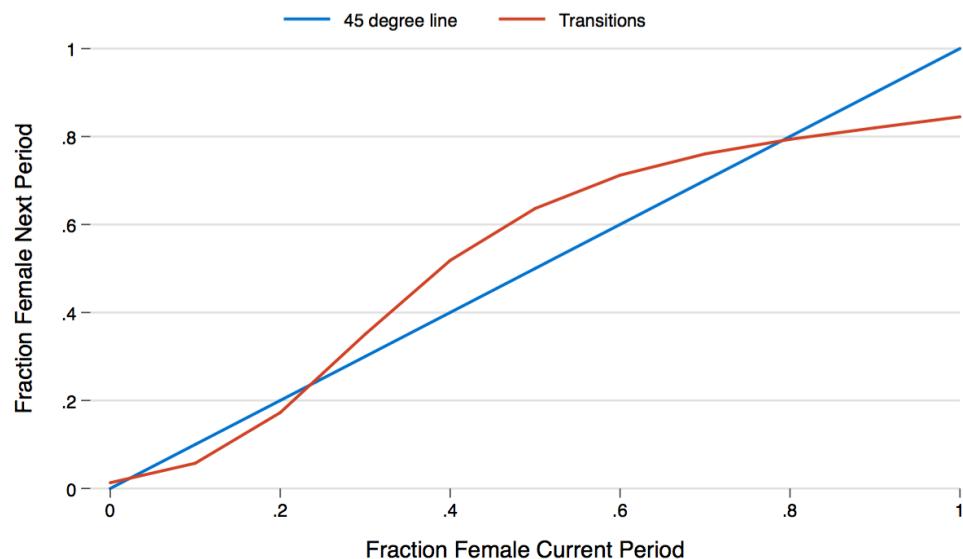
### Engineers, Architects, and Surveyors



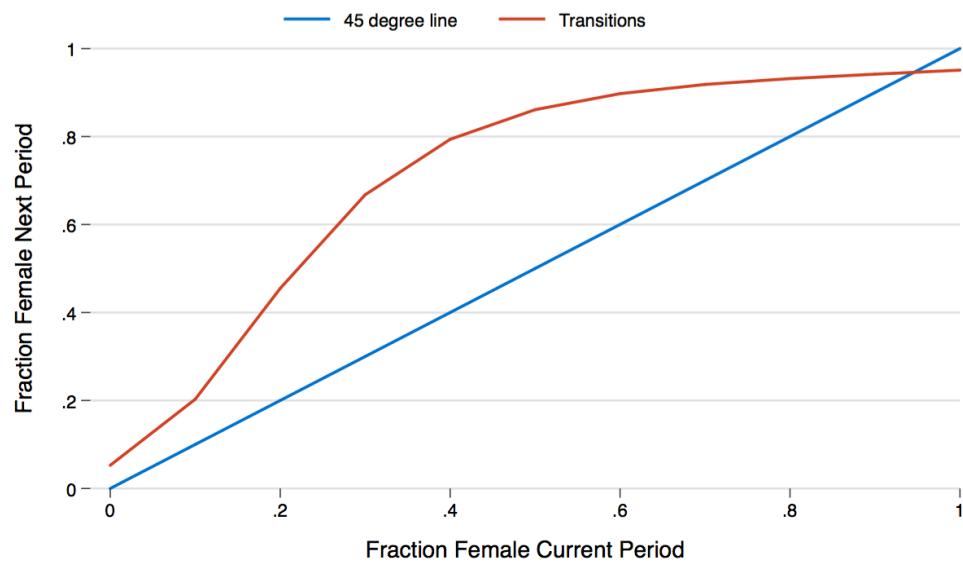
### Math, Computer, and Natural Science



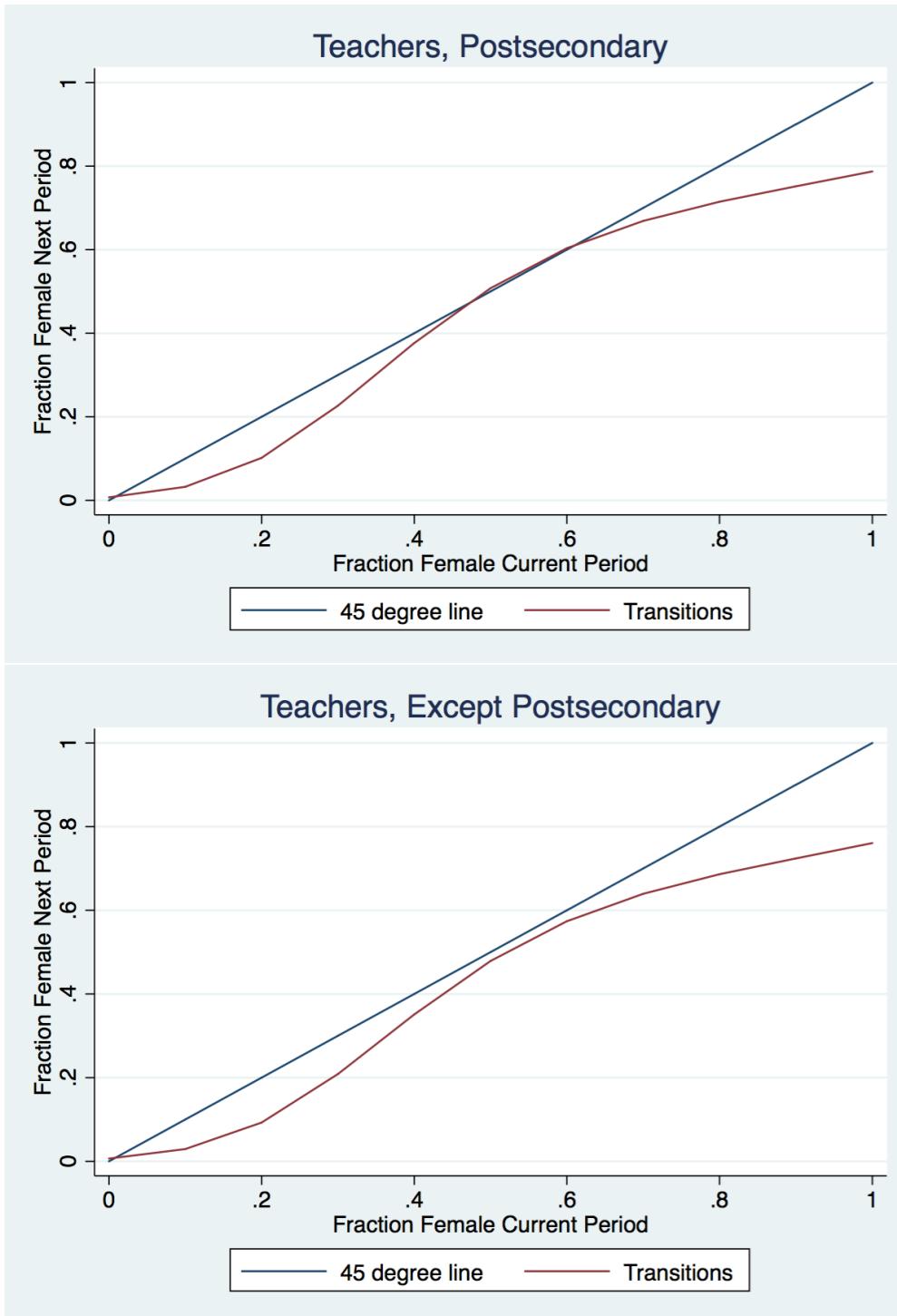
### Health Diagnosing Occupations



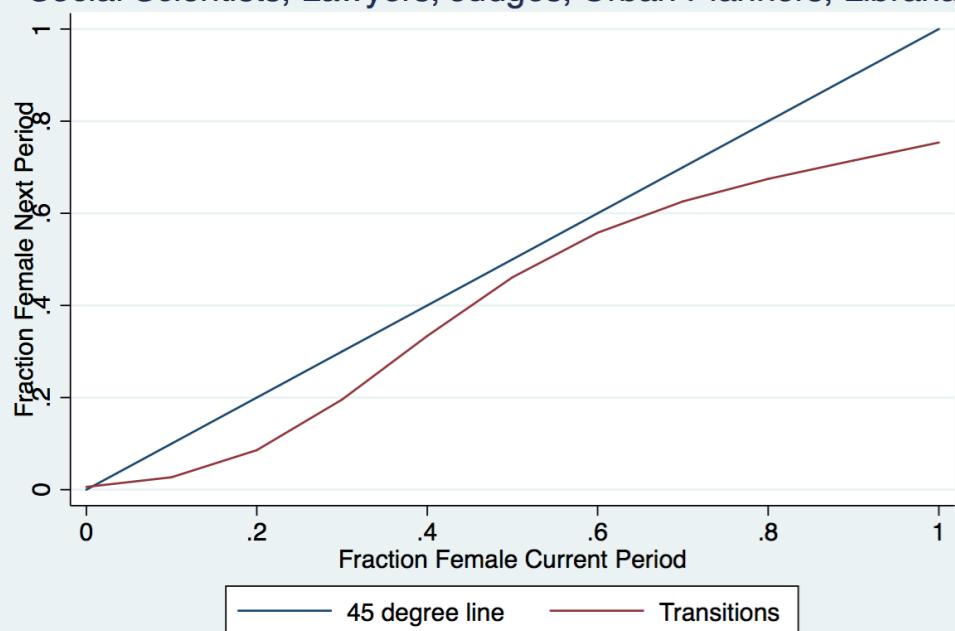
### Health Assessment and Treating and Therapists



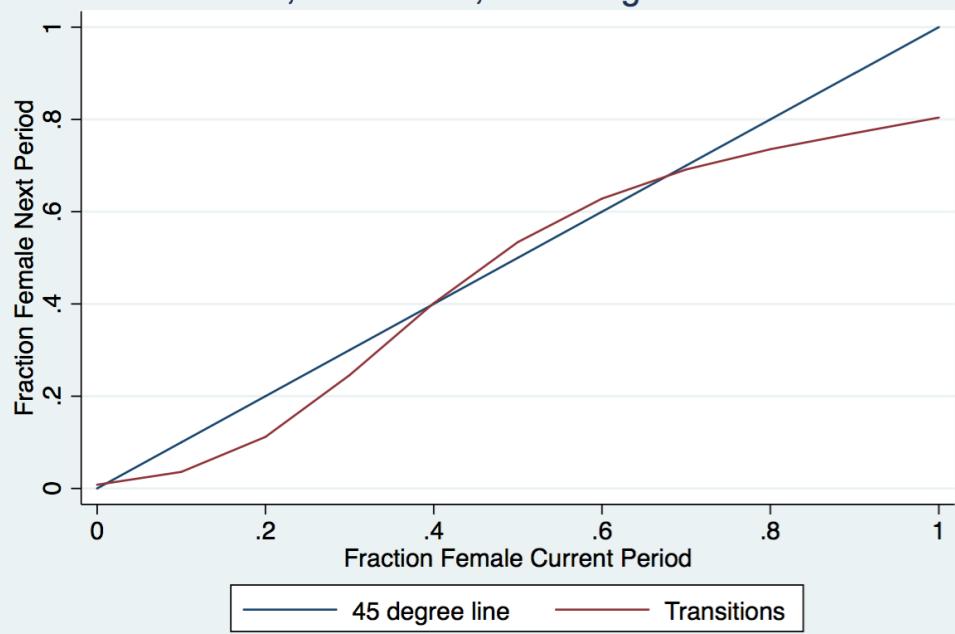
## 6 Fixed wages



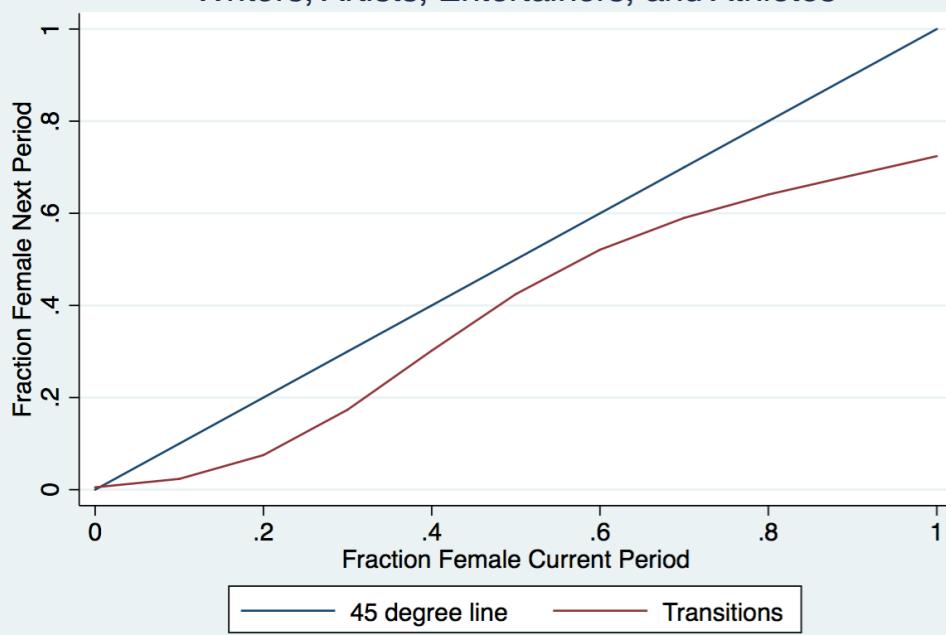
### Social Scientists, Lawyers, Judges, Urban Planners, Librarians



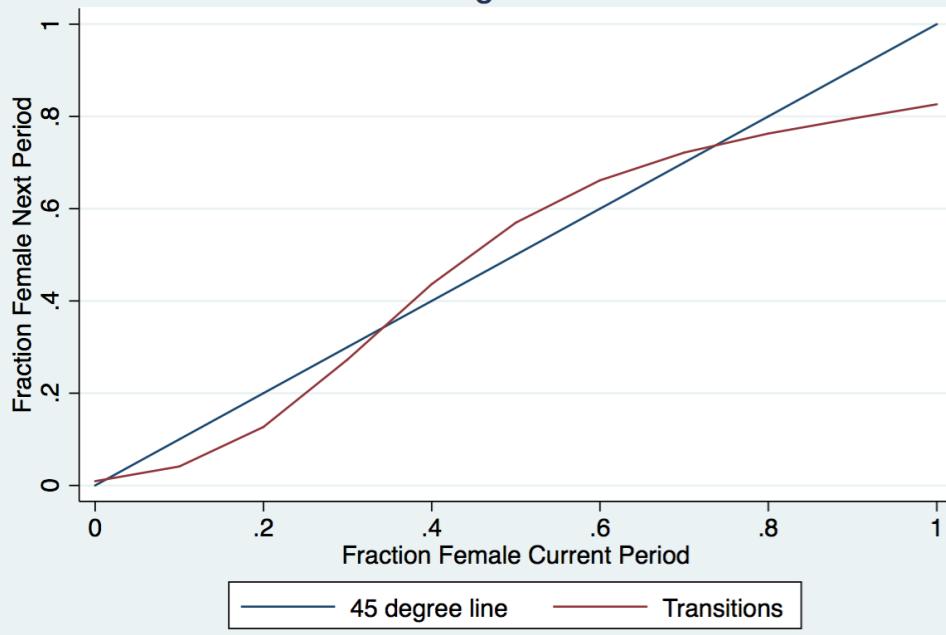
### Social, Recreation, and Religious Workers



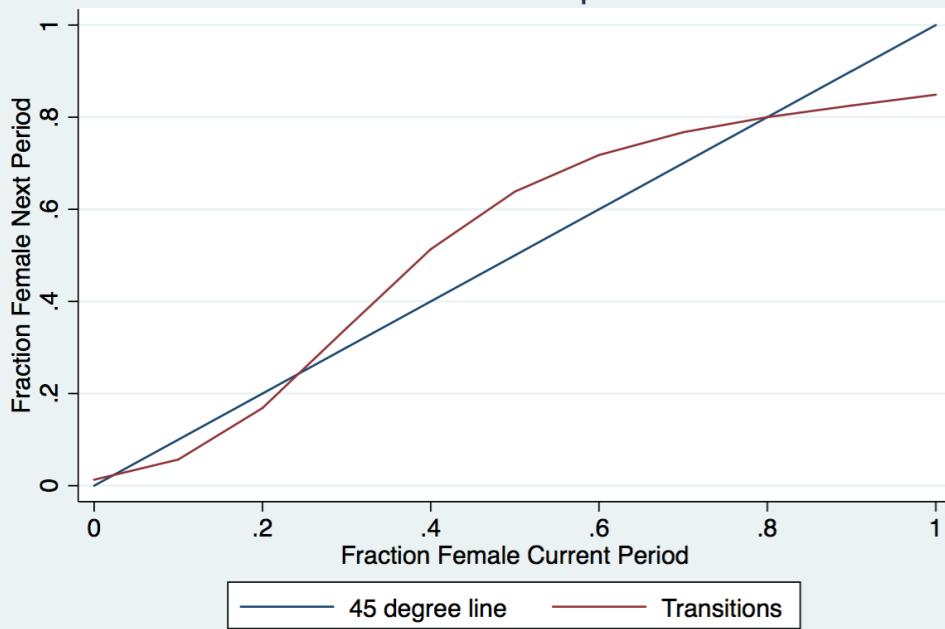
### Writers, Artists, Entertainers, and Athletes



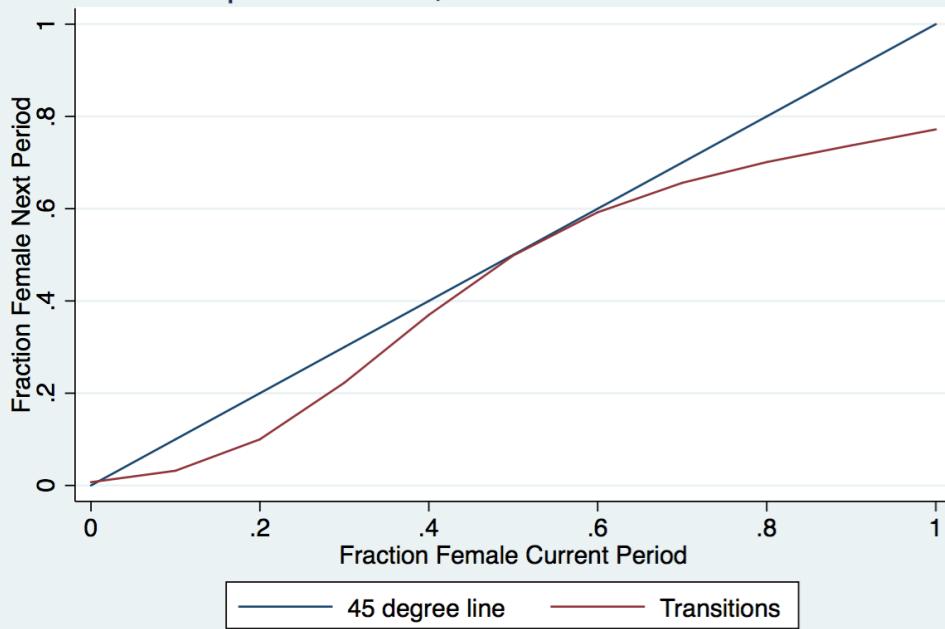
### Health Technologists and Technicians



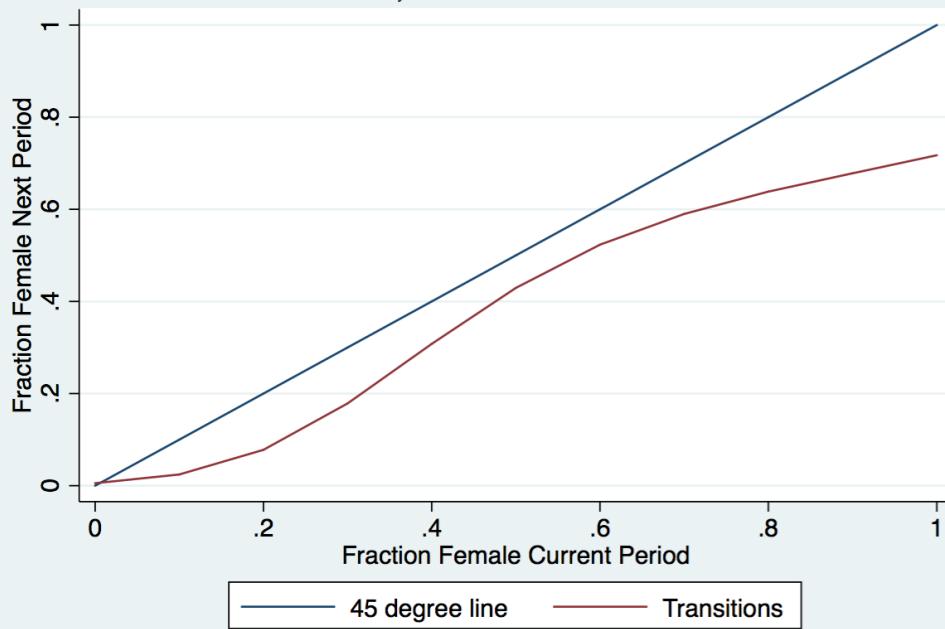
### Technicians except health



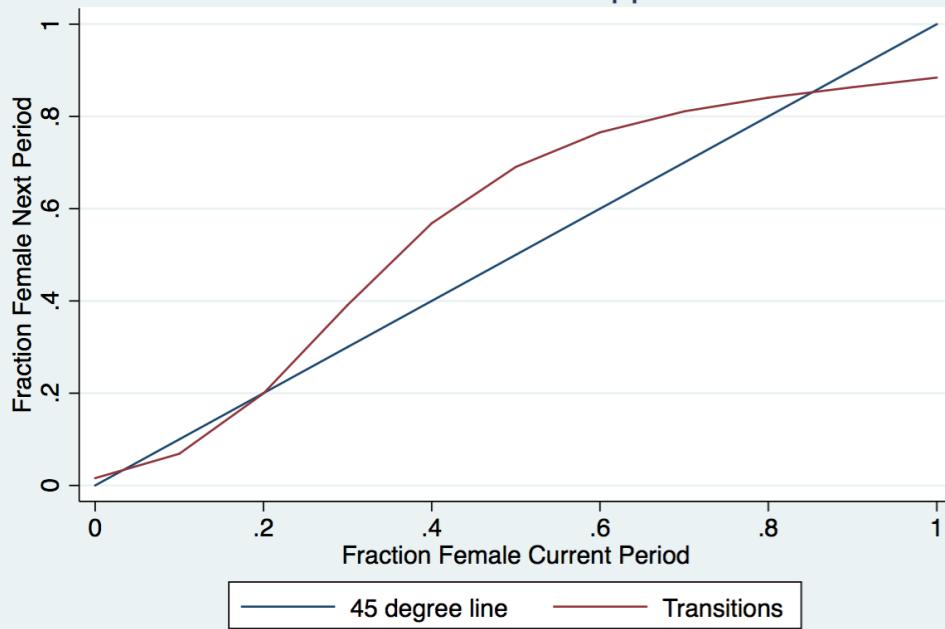
### Sales Representatives, Finance and Business Services



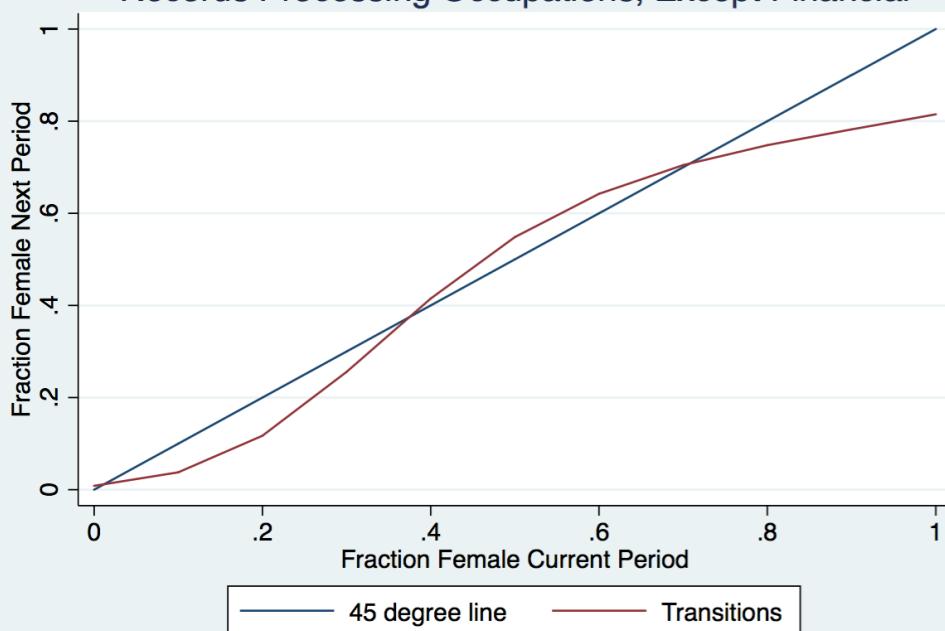
### Sales Workers, Retail and Personal Services



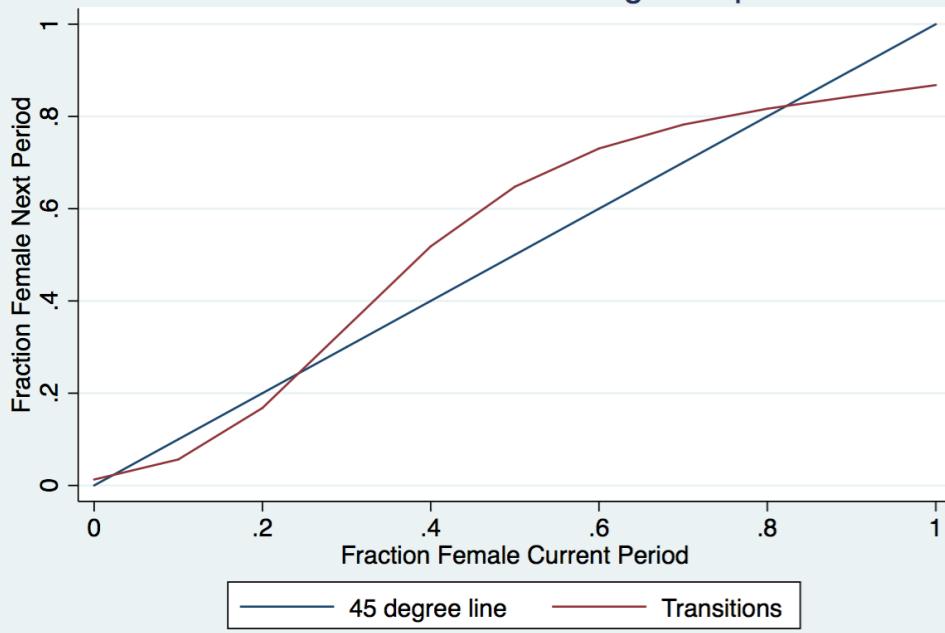
### Administrative Support



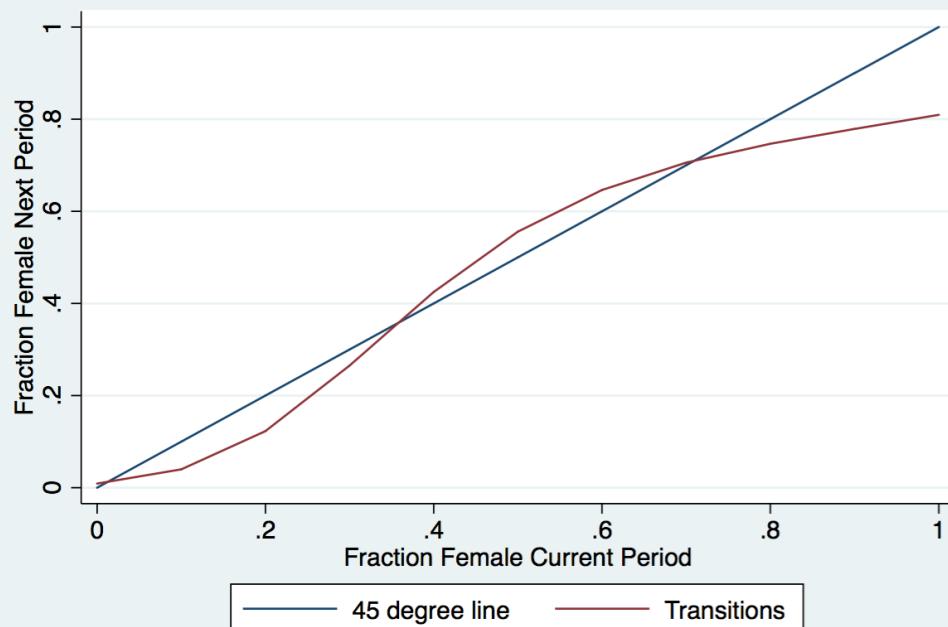
Records Processing Occupations, Except Financial



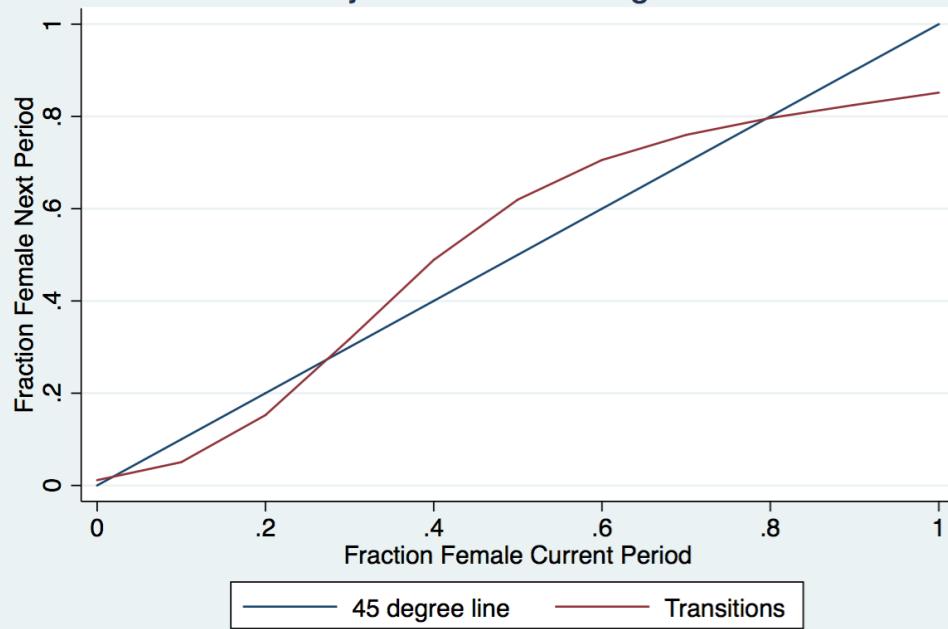
Financial Records Processing Occupations



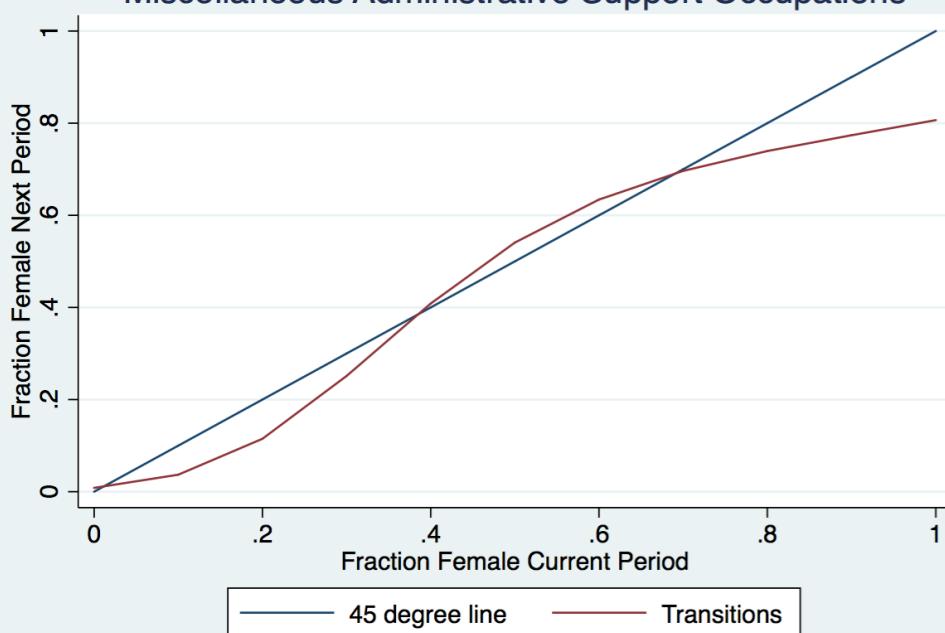
Mail and Material Distribution



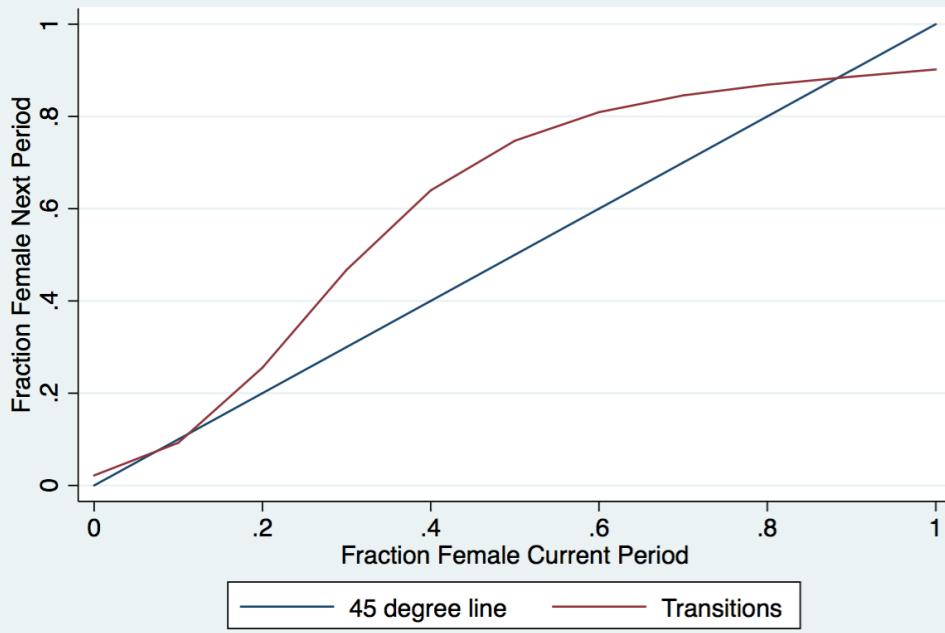
Adjusters and Investigators



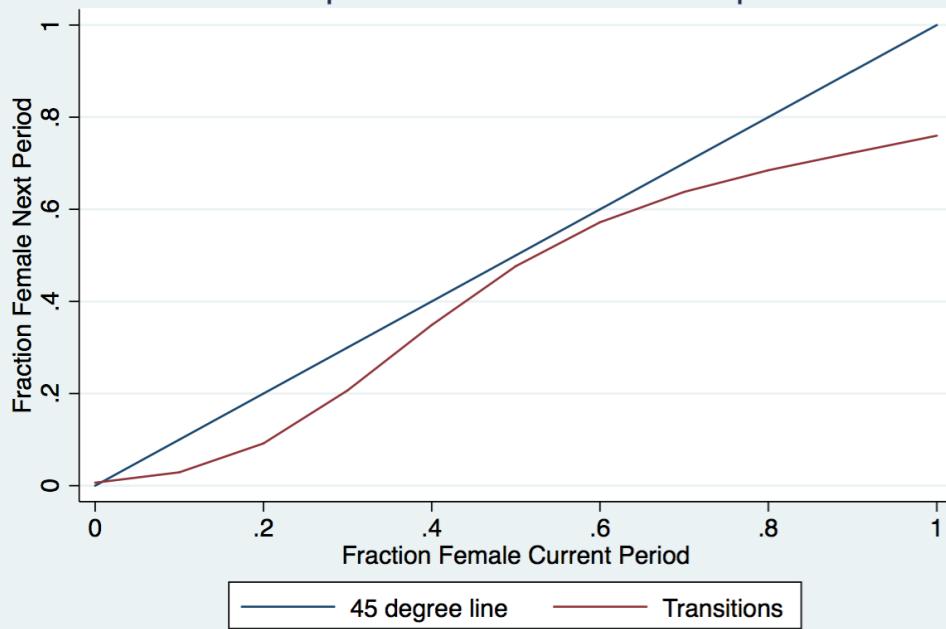
### Miscellaneous Administrative Support Occupations



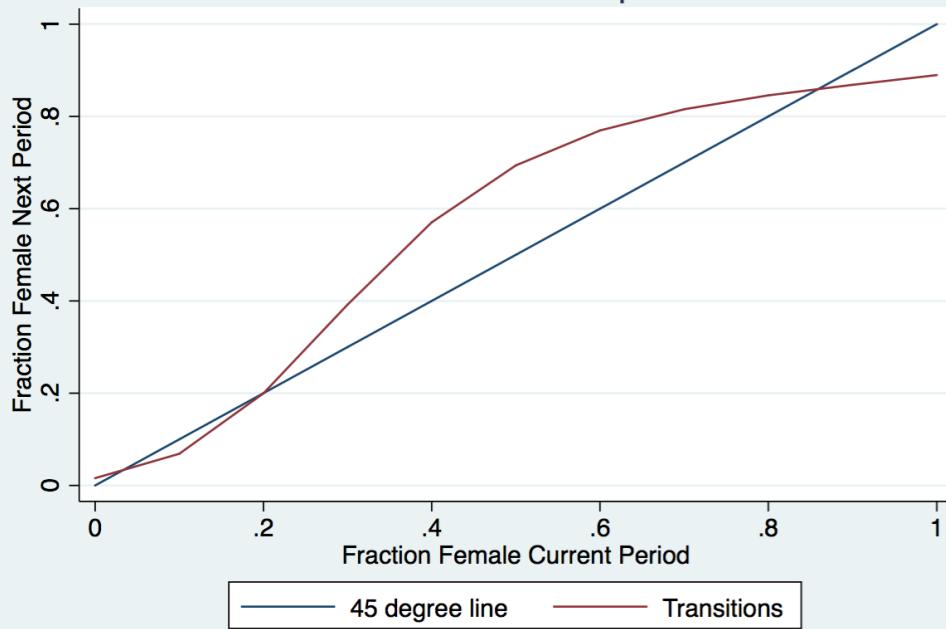
### Protective Service



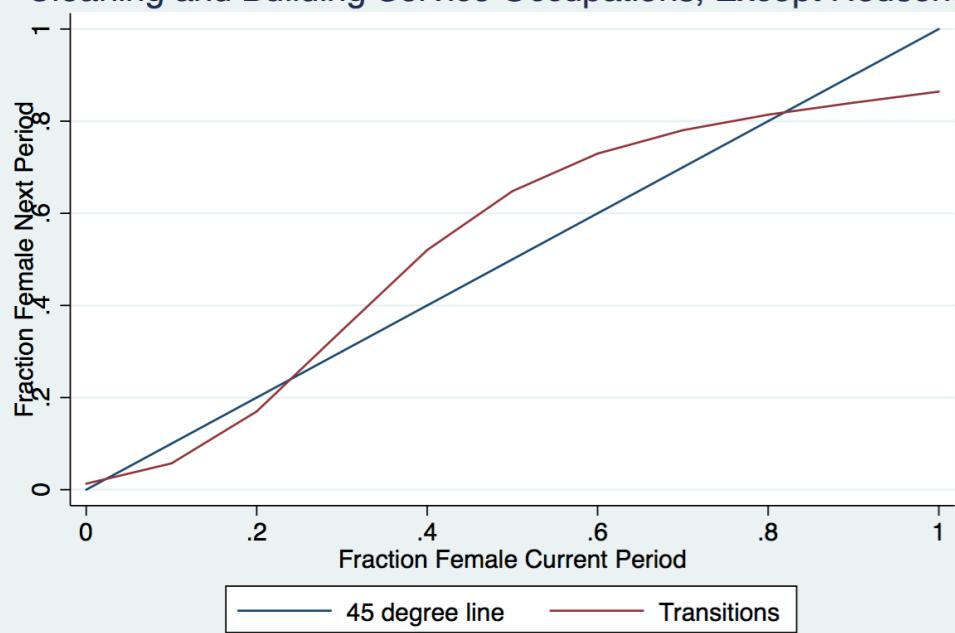
Food Preparation and Service Occupations



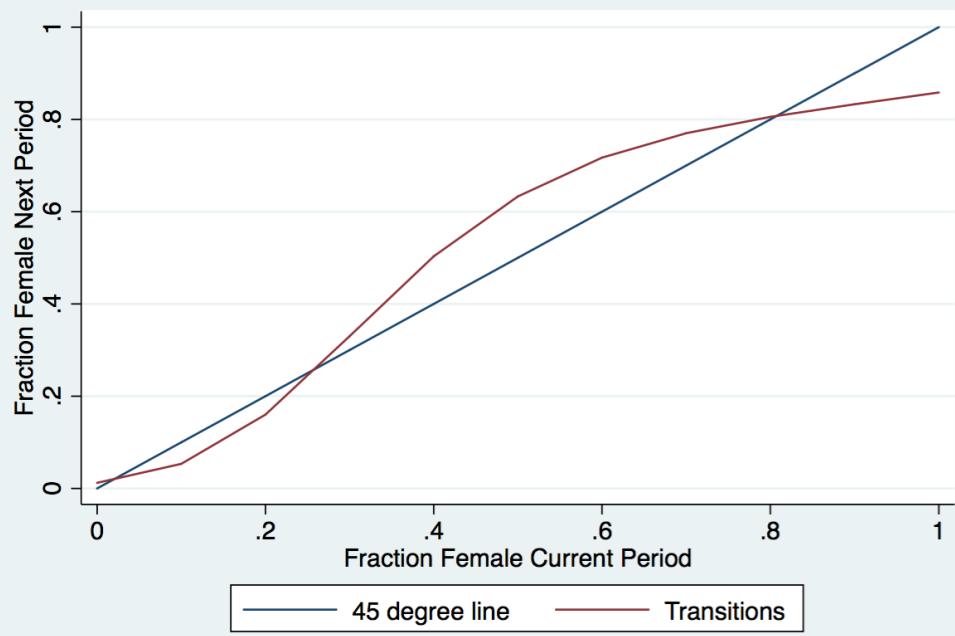
Health Service Occupations



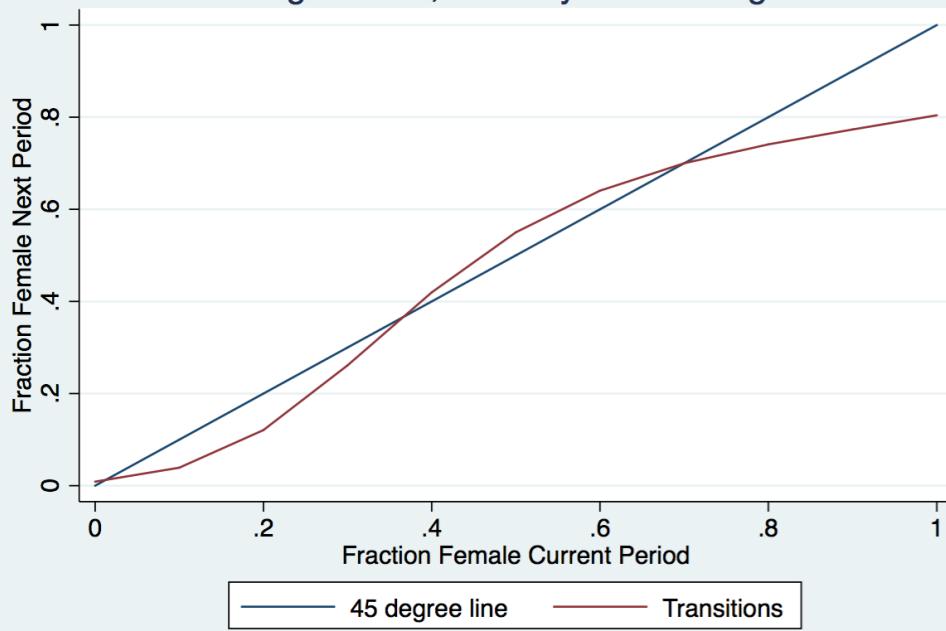
### Cleaning and Building Service Occupations, Except Household



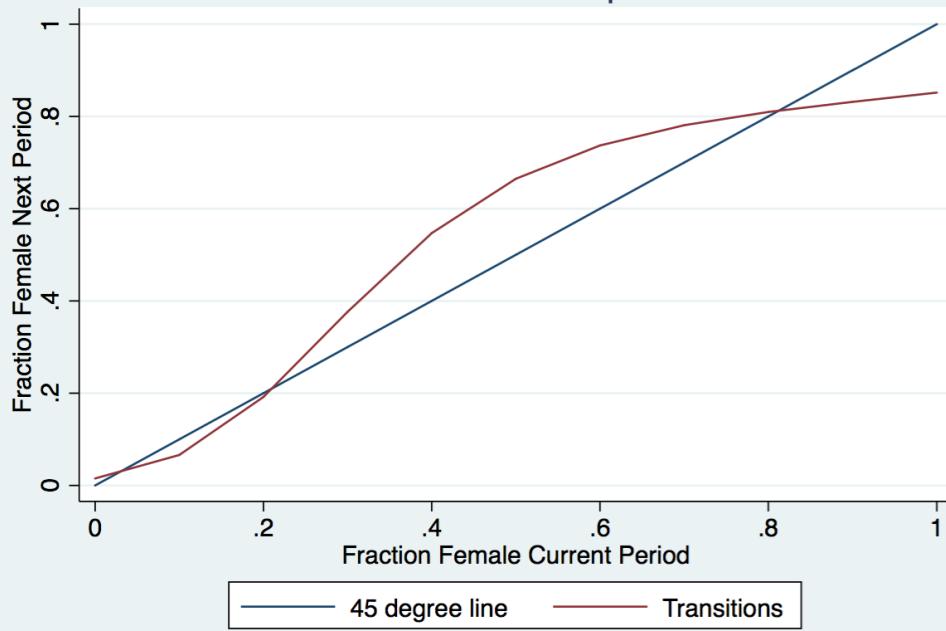
### Private Household and Personal Service



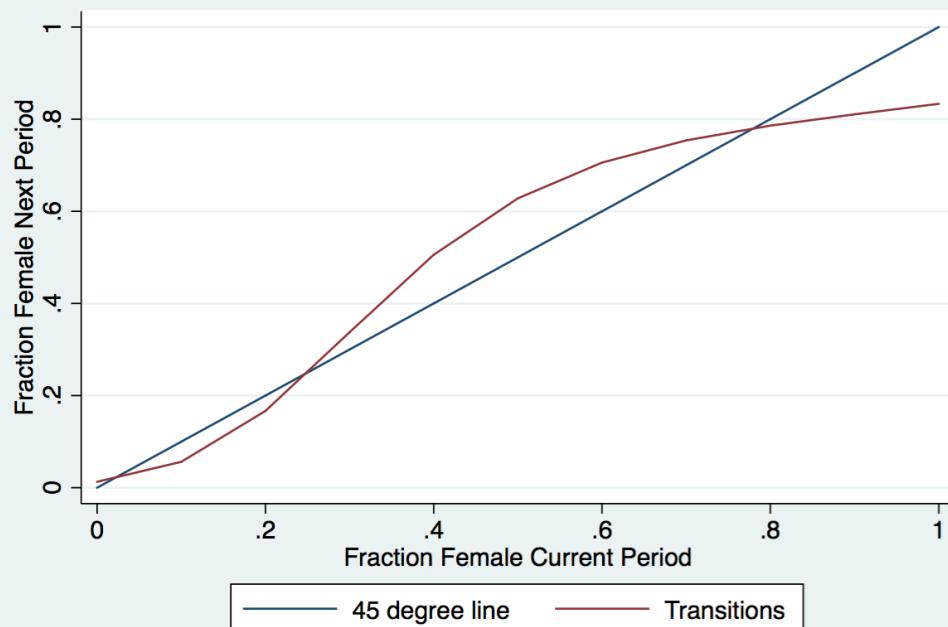
### Agriculture, Forestry and Fishing



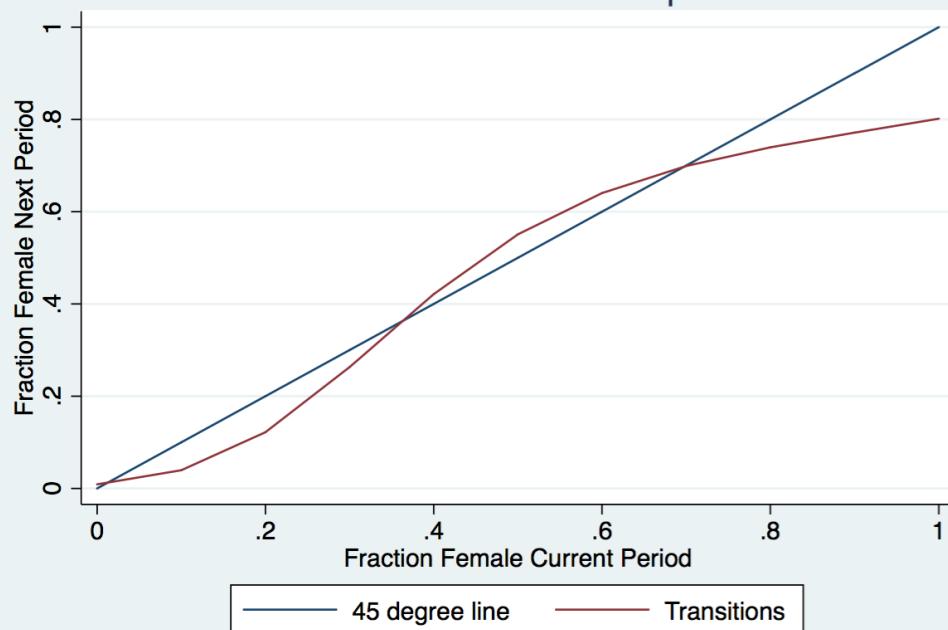
### Mechanics and Repairers



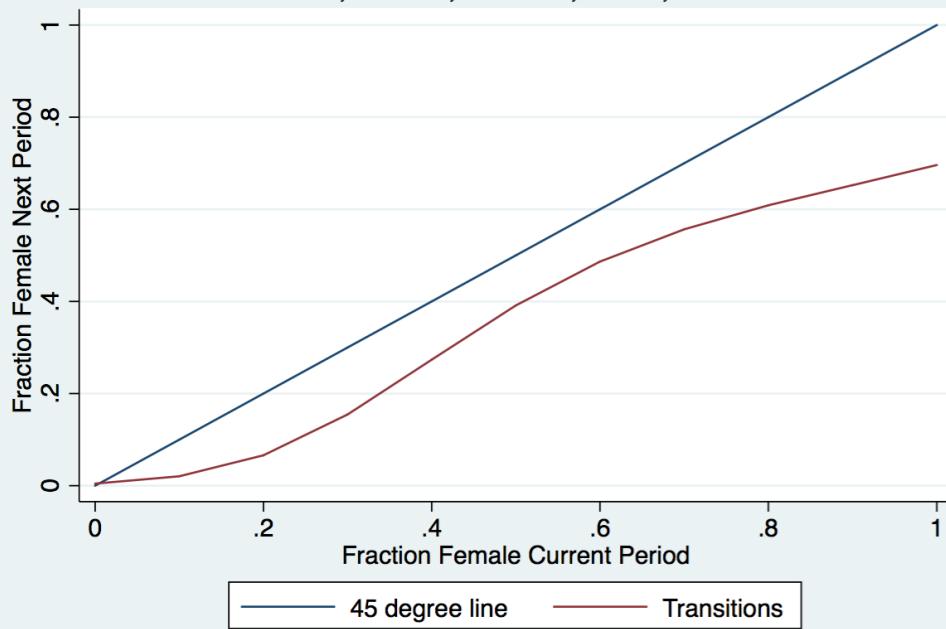
Construction and Extraction



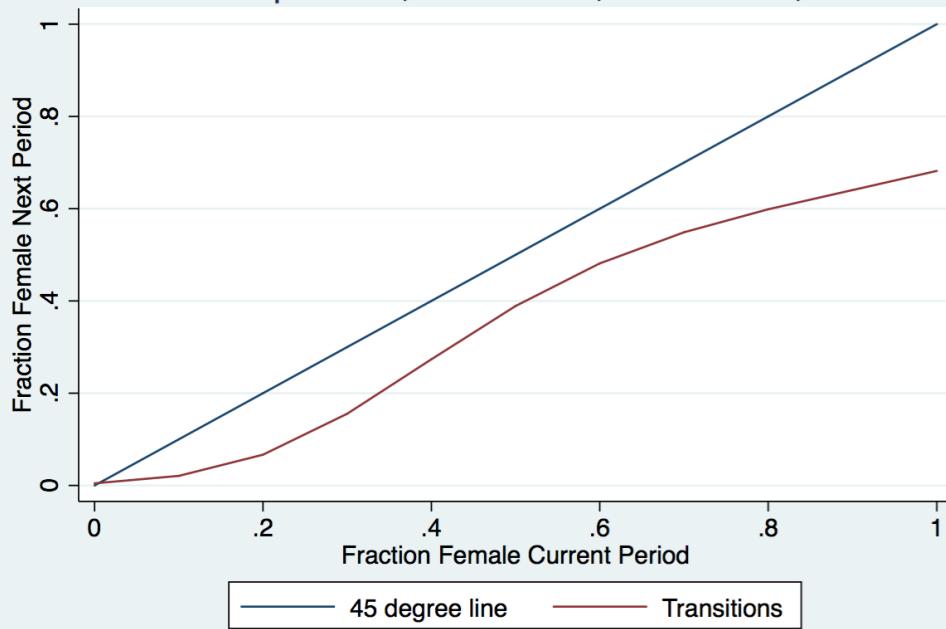
Precision Production Occupations



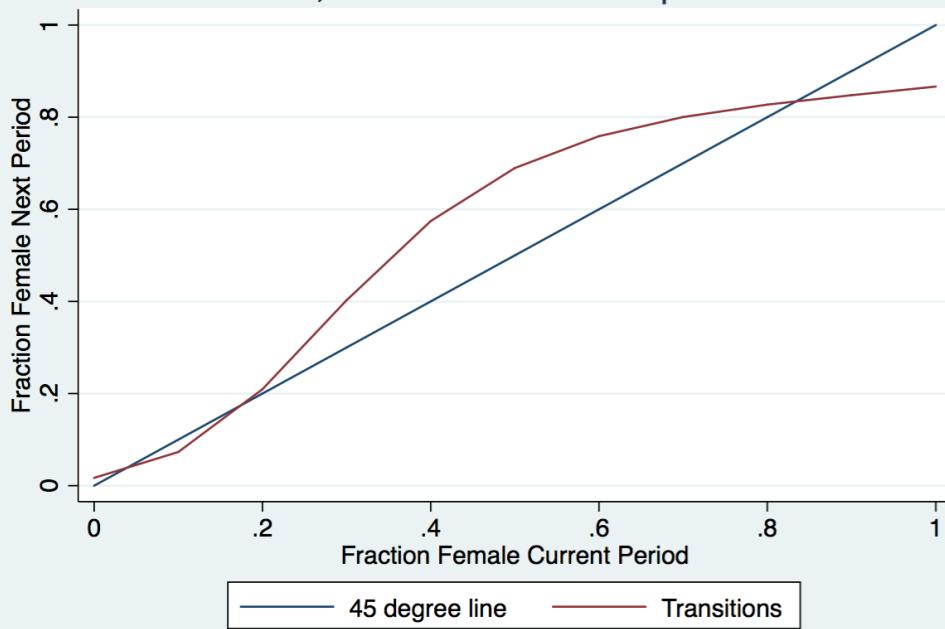
Metal, Wood, Plastic, Print, Textile



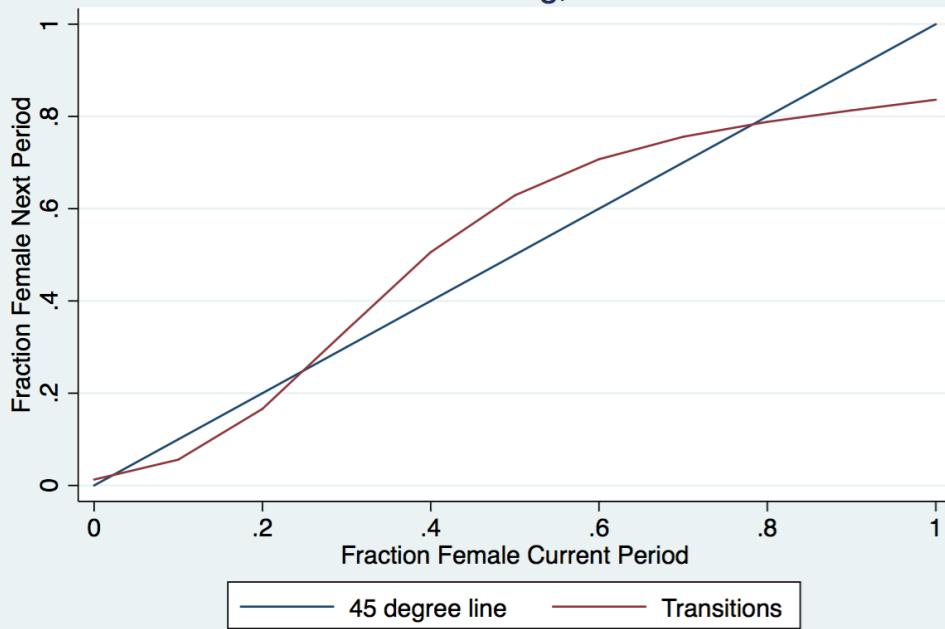
Machine Operators, Fabricators, Assemblers, Testers



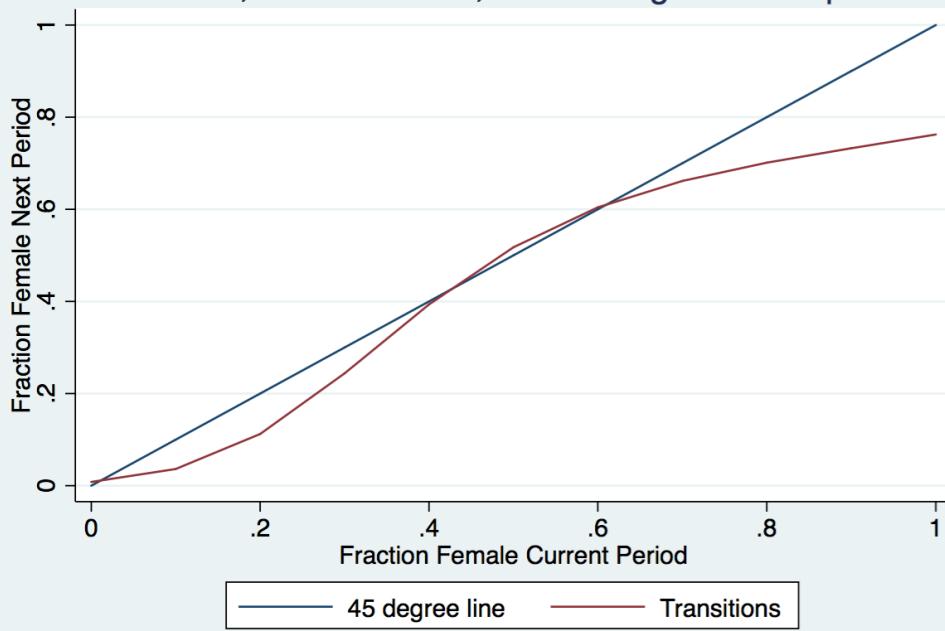
### Road, Rail and Water Transportation



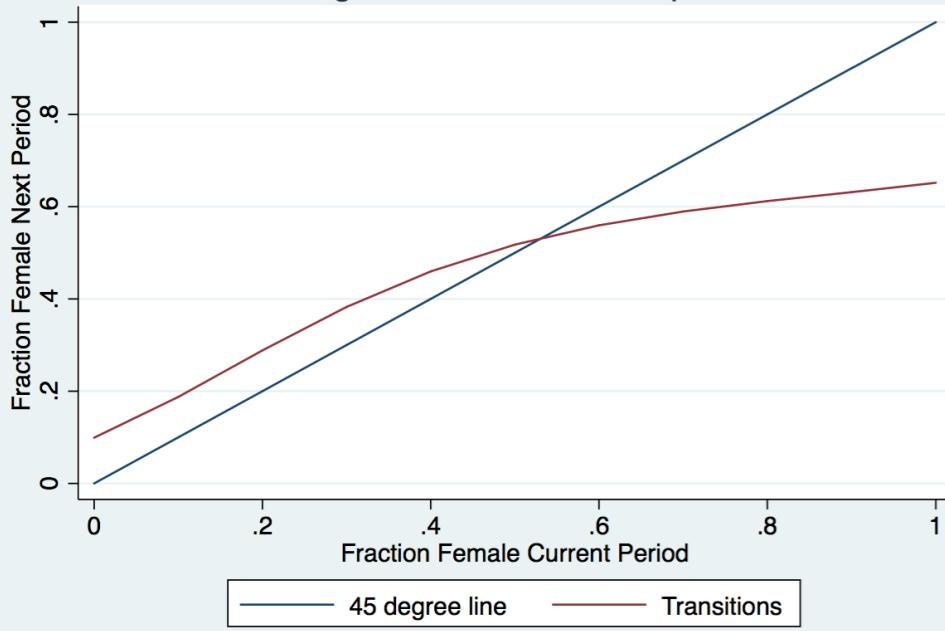
### Material Moving, Laborers



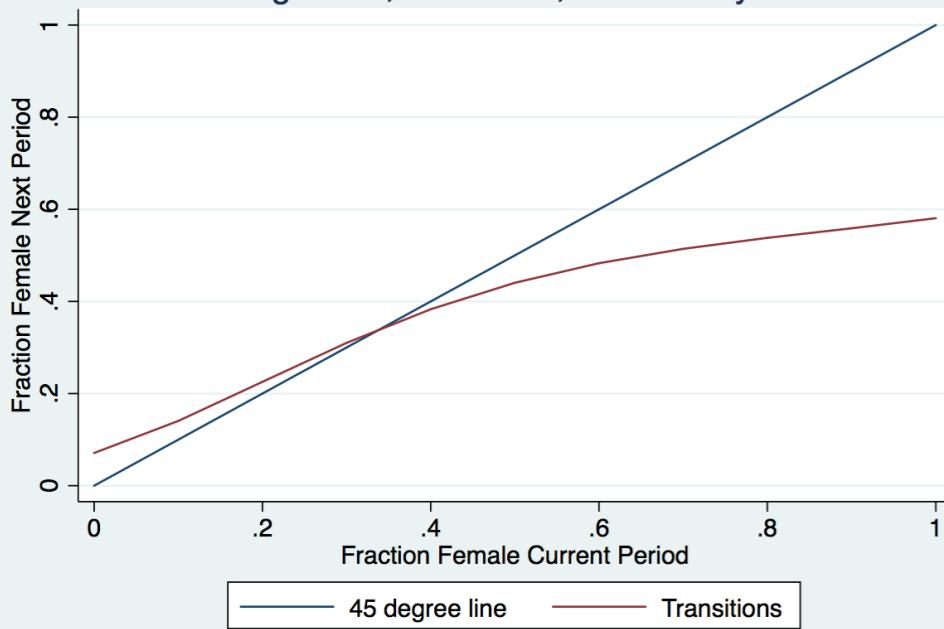
### Executive, Administrative, and Managerial Occupations



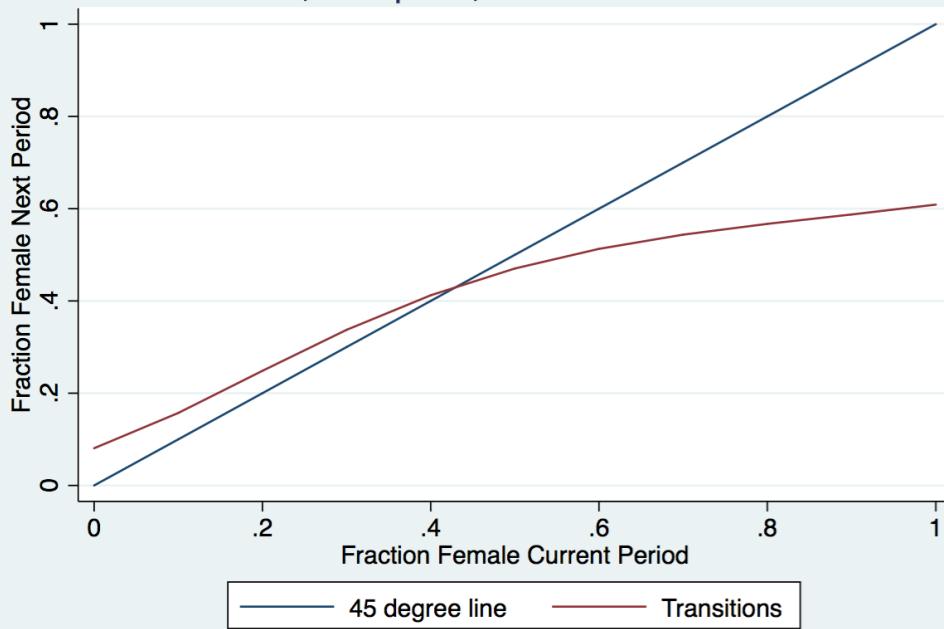
### Management Related Occupations



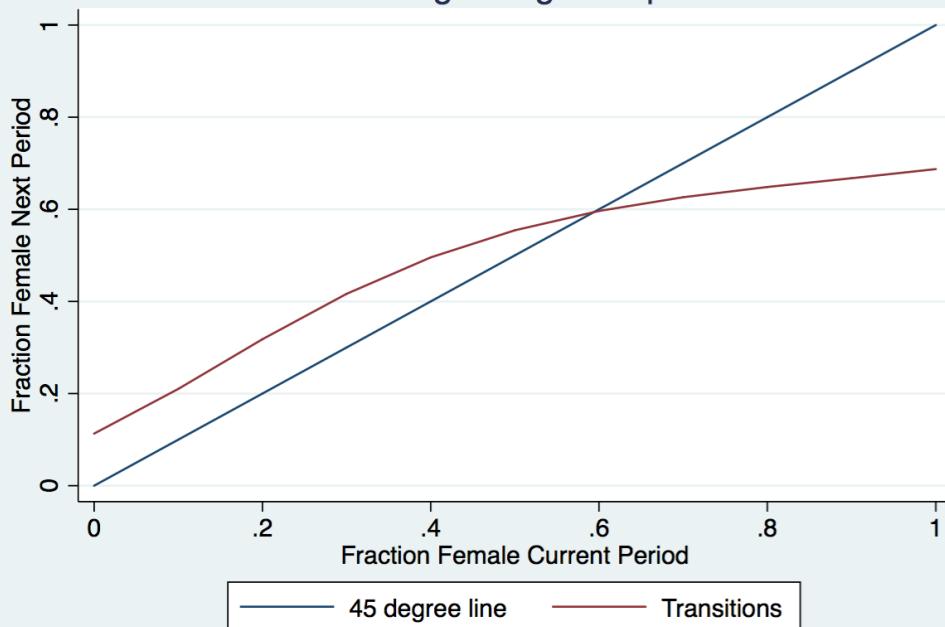
### Engineers, Architects, and Surveyors



### Math, Computer, and Natural Science



### Health Diagnosing Occupations



### Health Assessment and Treating and Therapists

