

Table 2: Fixed Effects Estimates for Selected Samples of Wives of Disability Applicants

A. Earnings					
	All	All	Young	Old	Husband Evaluated at Stage 5
	(1)	(2)	(3)	(4)	(5)
2 years before	-428.29 (511.53)	-321.204 (511.76)	-1112.71 (726.88)	756.66 (736.09)	-1141.87 (702.46)
1 year before	-362.54 (567.36)	-246.73 (563.02)	-637.40 (861.89)	618.93 (773.41)	-1307.18+ (773.78)
Year of decision	-960.35 (602.23)	-875.46 (594.18)	-1619.37+ (857.47)	350.37 (846.26)	-1589.7+ (900.11)
1 year after	-1371.8+ (760.62)	-1265.35+ (751.47)	-1830.42* (915.71)	-24.66 (1107.18)	-1750.96 (1313.35)
2 years after	-1643.71* (713.31)	-1506.73* (705.74)	-1648.64+ (947.24)	-459.26 (1026.95)	-2490.3* (1065.35)
3 years after	-1309.5 (823.66)	-1114.83 (822.04)	-1006.63 (1032.26)	-169.59 (1198.78)	-2351.86* (1177.7)
4 years after	-2392.31** (826.3)	-2190.48** (815.33)	-1184.70 (1104.00)	-1848.94 (1183.25)	-2596.19* (1263.12)
5 years after	-2478.81** (915.64)	-2235.78* (902.52)	-1353.87 (1251.74)	-1772.76 (1293.09)	-2420.49+ (1431.37)
B. Labor Force Participation					
	All	All	Young	Old	Husband Evaluated at Stage 5
2 years before	-0.0197 (0.0189)	-0.0146 (0.0190)	-0.0520+ (0.0268)	0.0291 (0.0273)	-0.0329 (0.0283)
1 year before	-0.0273 (0.0203)	-0.0232 (0.0204)	-0.0664* (0.0289)	0.0253 (0.0293)	-0.0492 (0.0303)
Year of decision	-0.0376+ (0.0215)	-0.0363+ (0.0215)	-0.0504+ (0.0301)	-0.0039 (0.0311)	-0.0590+ (0.0318)
1 year after	-0.0643** (0.0234)	-0.0638** (0.0235)	-0.0876** (0.0339)	-0.0225 (0.0336)	-0.0881* (0.0347)
2 years after	-0.0647* (0.0252)	-0.0630* (0.0252)	-0.0537 (0.0350)	-0.0382 (0.0367)	-0.0978* (0.0386)
3 years after	-0.0560* (0.0273)	-0.0529+ (0.0274)	-0.0364 (0.0376)	-0.0305 (0.0399)	-0.1039* (0.0417)
4 years after	-0.0768** (0.0292)	-0.0727* (0.0292)	-0.0437 (0.0402)	-0.0590 (0.0424)	-0.0990* (0.0449)
5 years after	-0.0841** (0.0312)	-0.0793* (0.0313)	-0.0607 (0.0436)	-0.0567 (0.0449)	-0.1138* (0.0490)
N	39517	39517	21231	18286	16953

Note: This table reports results for a fixed effect model for 4 different subsamples. The estimates reported are estimates of δ^k the effect of DI receipt on wife's earnings k years before or after the award decision as defined in Equation 1 in the text. Standard errors in parentheses are clustered at the individual level. Estimates in columns 2-5 include controls for a linear time trend, husband's earnings and interacted age and education dummies. The estimates are relative to a base period 9-10 years before the award decision. Significance levels + =10%, * =5%, and ** =1%.

Technical Appendix

Table A1: Differences In Mean Earnings And Labor Force Participation For Selected Samples Of Wives¹

	<i>k</i> =-2	<i>k</i> =0	<i>k</i> =1	<i>k</i> =2	<i>k</i> =5
Earnings					
All wives	487 (736)	1089 (820)	254 (950)	89 (845)	760 (1054)
Stage 5	-1102 (1106)	191 (1261)	-38 (1493)	-358 (1344)	2704 (1934)
Young Cohort	2587 (1166)	4338 (1387)	3058 (1716)	1792 (1336)	4472 (1739)
Old Cohort	-807 (961)	-730 (1083)	-791 (1170)	-378 (1111)	-1595 (1334)
Stage 5 young cohort	2152 (1753)	5673 (2006)	4498 (2304)	4584 (2437)	11081 (3549)
Labor Force Participation					
All wives	0 (2)	-3.3 (2)	-3.8 (2.1)	-3.1 (2.3)	-3.7 (3)
Stage 5	-4 (2.9)	-4.9 (4.2)	-7.9 (3.3)	-7.5 (3.7)	-5.8 (5.1)
Young Cohort	1.1 (2.7)	-0.1 (2.9)	-2.8 (3.2)	2.3 (3.4)	1.7 (4.2)
Old Cohort	1.8 (2.8)	-2.7 (2.9)	-1.3 (2.9)	-4.0 (3.2)	-5.3 (4.2)
Stage 5 young cohort	-1.7 (4.1)	1.8 (4.6)	-1.6 (5)	2.7 (5.4)	9.25 (6.6)

¹ Earnings are in 2004 dollars adjusted by the CPI. Earnings include nonworkers. Standard errors in parentheses are clustered at the individual level.

Table A2. Fixed Effects Estimates Of The Crowd-Out Effect Of DI On Wife's Labor Supply

	All	All	Young	Old	Stage 5
k=-8	0.0072 (0.0114)	0.0079 (0.0115)	0.0046 (0.0156)	0.0128 (0.0169)	-0.0081 (0.0165)
k=-7	-0.0045 (0.0131)	-0.0034 (0.0131)	0.0015 (0.0177)	-0.0055 (0.0195)	-0.0207 (0.0193)
k=-6	-0.0060 (0.0139)	-0.0042 (0.0140)	-0.0041 (0.0186)	0.0010 (0.0211)	-0.0182 (0.0208)
k=-5	-0.0044 (0.0154)	-0.0019 (0.0154)	-0.0068 (0.0208)	0.0100 (0.0229)	-0.0247 (0.0230)
k=-4	-0.0245 (0.0167)	-0.0209 (0.0168)	-0.0350 (0.0229)	0.0011 (0.0245)	-0.0401 (0.0249)
k=-3	-0.0275 (0.0177)	-0.0233 (0.0179)	-0.0454+ (0.0251)	0.0069 (0.0257)	-0.0445+ (0.0266)
k=-2	-0.0197 (0.0189)	-0.0146 (0.0190)	-0.0520+ (0.0268)	0.0291 (0.0273)	-0.0329 (0.0283)
k=-1	-0.0273 (0.0203)	-0.0232 (0.0204)	-0.0664* (0.0289)	0.0253 (0.0293)	-0.0492 (0.0303)
k=0	-0.0376+ (0.0215)	-0.0363+ (0.0215)	-0.0504+ (0.0301)	-0.0039 (0.0311)	-0.0590+ (0.0318)
k=1	-0.0643** (0.0234)	-0.0638** (0.0235)	-0.0876** (0.0339)	-0.0225 (0.0336)	-0.0881* (0.0347)
k=2	-0.0647* (0.0252)	-0.0630* (0.0252)	-0.0537 (0.0350)	-0.0382 (0.0367)	-0.0978* (0.0386)
k=3	-0.0560* (0.0273)	-0.0529+ (0.0274)	-0.0364 (0.0376)	-0.0305 (0.0399)	-0.1039* (0.0417)
k=4	-0.0768** (0.0292)	-0.0727* (0.0292)	-0.0437 (0.0402)	-0.0590 (0.0424)	-0.0990* (0.0449)
k=5	-0.0841** (0.0312)	-0.0793* (0.0313)	-0.0607 (0.0436)	-0.0567 (0.0449)	-0.1138* (0.0490)
k=6	-0.0785* (0.0334)	-0.0737* (0.0335)	-0.0956* (0.0463)	-0.0220 (0.0482)	-0.1370* (0.0552)
ser_yr	0.0042** (0.0014)	0.0034* (0.0016)	0.0086** (0.0021)	-0.0027 (0.0023)	0.0046+ (0.0024)
d_totearn		-4.74* (2.1)	-6.9* (2.72)	-3.2 (3.31)	-0.098 (3.15)
xml		0.0331** (0.0103)	0.0410** (0.0130)	0.0626* (0.0277)	0.0323+ (0.0169)
xml2		-0.0004** (0.0001)	-0.0005** (0.0001)	-0.0006* (0.0003)	-0.0004* (0.0002)
_cons	-7.6759** (2.7590)	-6.4411* (3.1303)	-16.8318** (4.2055)	5.5678 (4.5968)	-8.6701+ (4.7473)
N	39517	39517	21231	18286	16953

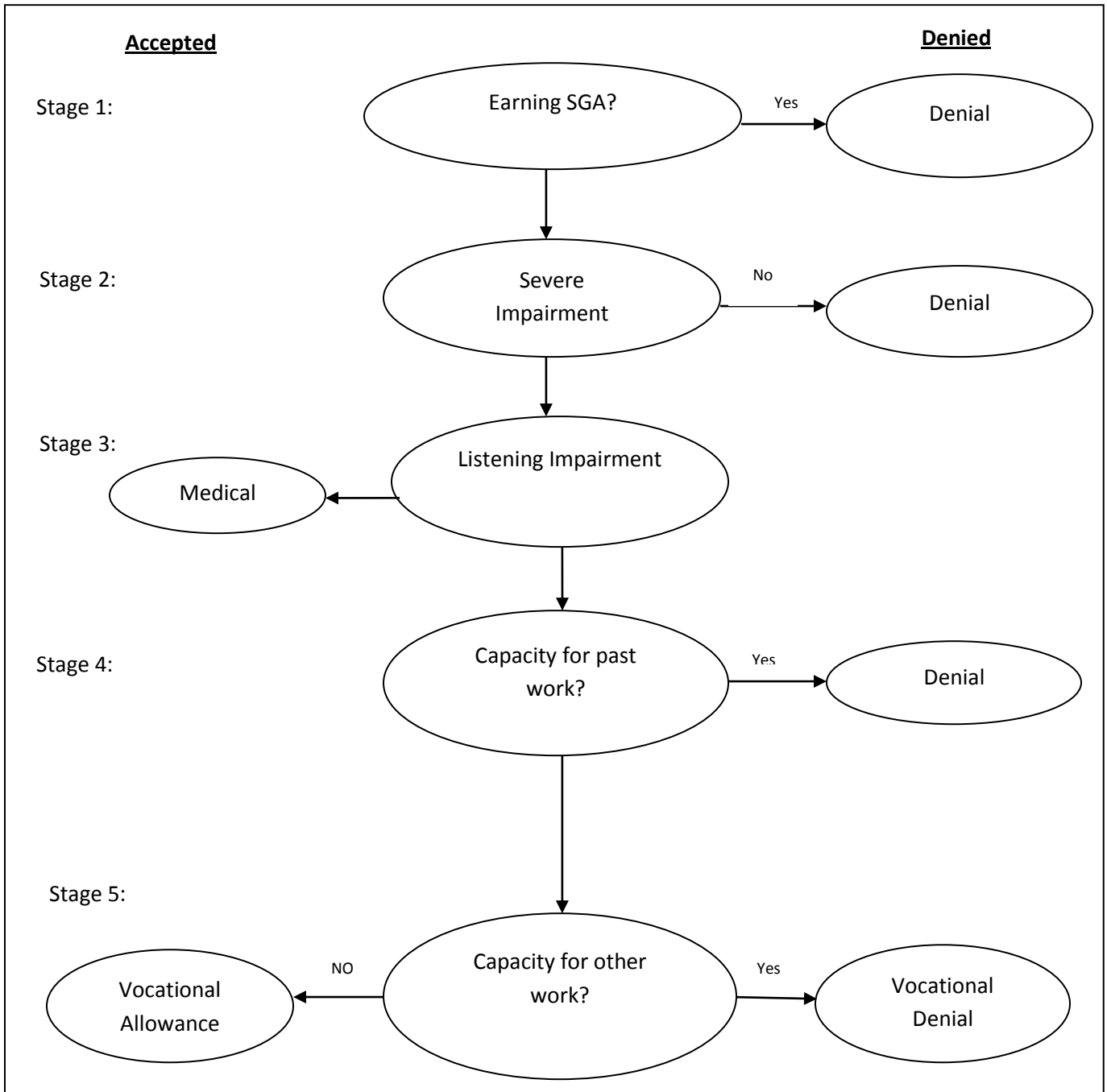
Note: This table reports fixed effect estimates of δ in different time periods k . Standard errors in parentheses are clustered at the individual level. Estimates in columns 3-7 include controls for a linear time trend, husband's earnings and interacted age and education dummies. The parameter value on $d_totearn$ should be multiplied by 10^{-7} . The estimates are relative to a base period of 9-10 years before the DI award decision. Significance levels + =10%, * =5%, and ** =1%.

Table A3. Fixed Effects Estimates Of The Crowd-Out Effect Of DI On Wife's Earnings

	All	All	Young	Old	Stage 5
k=-8	-202.56 (263.86)	-234.83 (266.36)	-616.82+ (332.28)	236.31 (432.46)	-581.75+ (340.65)
k=-7	-49 (343.26)	-82.13 (346.88)	-499.53 (423.86)	454.68 (567.02)	-473.6 (429.44)
k=-6	-165.74 (341.54)	-171.91 (344.37)	-474.68 (473.72)	283.09 (503.62)	-527.94 (471.73)
k=-5	-71.65 (399.68)	-61.60 (402.95)	-439.71 (523.54)	510.09 (622.77)	-786.63 (532.14)
k=-4	-323.17 (427.21)	-278.53 (430.55)	-848.73 (569)	510.87 (652.57)	-648.95 (585.6)
k=-3	-719.71 (474.73)	-653.2 (475.79)	-1598.86* (676.44)	490.17 (686.58)	-1328.67* (655.52)
k=-2	-428.29 (511.53)	-321.20 (511.76)	-1112.71 (726.88)	756.66 (736.09)	-1141.87 (702.46)
k=-1	-362.54 (567.36)	-246.73 (563.02)	-637.40 (861.89)	618.93 (773.41)	-1307.18+ (773.78)
k=0	-960.35 (602.23)	-875.46 (594.18)	-1619.37+ (857.47)	350.37 (846.27)	-1589.7+ (900.11)
k=1	-1371.8+ (760.62)	-1265.35+ (751.47)	-1830.42* (915.71)	-24.66 (1107.18)	-1750.96 (1313.35)
k=2	-1643.71* (713.31)	-1506.73* (705.74)	-1648.64+ (947.24)	-459.26 (1026.95)	-2490.3* (1065.35)
k=3	-1309.5 (823.66)	-1114.83 (822.04)	-1006.63 (1032.27)	-169.59 (1198.78)	-2351.86* (1177.7)
k=4	-2392.31** (826.3)	-2190.48** (815.33)	-1184.70 (1104)	-1848.94 (1183.25)	-2596.19* (1263.12)
k=5	-2478.81** (915.64)	-2235.78* (902.52)	-1353.87 (1251.74)	-1772.76 (1293.09)	-2420.49+ (1431.37)
k=6	-2260.13* (986.77)	-1971.63* (972.37)	-1423.84 (1329.07)	-1313.59 (1399.41)	-1752.1 (1456.62)
ser_yr	406.88** (37.48)	256.11** (36.79)	413.24** (48.54)	78.7970 (53.1810)	310.98** (55.62)
d_totearn		-0.010 (0.0069)	-0.018* (0.01)	-0.0018 (0.0114)	-0.007 (0.009)
xml		1692.53** (358.14)	1413.45** (461.34)	3100.31** (1092.36)	1478.06** (528.27)
xml2		-14.58** (3.92)	-13.33* (5.48)	-26.7* (10.9066)	-12.31* (5.79)
_cons	-796359.2** (74546.24)	-511855.9** (72774.21)	-823062.9** (96308.56)	-168529.91 (105147.71)	-619855.01** (109146.74)
N	39517	39517	21231	18286	16953

Note: This table reports fixed effect estimates of δ in different time periods k . Standard errors in parentheses are clustered at the individual level. Estimates in columns 3-7 include controls for a linear time trend, husband's earnings and interacted age and education dummies. The estimates are relative to a base period of 9-10 years before the DI award decision. Significance levels + =10%, * =5%, and ** =1%.

Figure A1: The Five Stages Of The Disability Determination Process.



Source: Lahiri et al (1995)