#DRAFT The effects of disaability benefits

Table 1: Summary statistics comparing disability id holders with non-disability id holders

	Both		Men		Women	
	Non-id holder	Id holder	Non-id holder	Id holder	Non-id holder	Id holder
Non-employed	0.31	0.61	0.13	0.49	0.45	0.75
Sick in the last 30 days	0.36	0.30	0.31	0.28	0.39	0.33
Received preventive care	0.13	0.18	0.09	0.16	0.15	0.19
Hospitalized in the last 12 months	0.07	0.09	0.06	0.09	0.08	0.09
Considers herself in good health	0.55	0.47	0.58	0.49	0.53	0.45
Considers herself in better health	0.17	0.15	0.17	0.15	0.18	0.14
Visited by Mision Manuela Espejo	0.01	0.40	0.02	0.39	0.01	0.41
Receives disability transfers	0.01	0.11	0.01	0.09	0.01	0.14
Receives cash transfers	0.14	0.44	0.14	0.40	0.14	0.47
Self-assessment of the impairment						
Somewhat difficult	0.80	0.29	0.80	0.29	0.80	0.28
Very difficult	0.19	0.58	0.19	0.58	0.19	0.58
Extremely difficult	0.01	0.13	0.01	0.13	0.01	0.13
Type of disability						
Vision	0.60	0.19	0.60	0.19	0.61	0.18
Hearing	0.09	0.13	0.11	0.12	0.08	0.13
Walking or walking up stars	0.13	0.26	0.13	0.28	0.13	0.24
Recalling or concentrating	0.13	0.16	0.12	0.15	0.14	0.17
Bathing and dressing	0.02	0.10	0.02	0.11	0.02	0.09
Communication	0.03	0.16	0.03	0.14	0.03	0.18
Age						
18-44	0.46	0.58	0.46	0.58	0.46	0.59
45-54	0.26	0.20	0.26	0.20	0.26	0.20
55-64	0.27	0.22	0.27	0.23	0.27	0.21
Education						
Primary	0.40	0.41	0.41	0.42	0.40	0.39
Secondary	0.35	0.26	0.37	0.30	0.34	0.22
Tertiary	0.19	0.11	0.18	0.10	0.20	0.12
Marital status						
Non-partnered	0.50	0.71	0.51	0.72	0.49	0.71
Cohabiting	0.23	0.15	0.21	0.13	0.24	0.17
Married	0.32	0.62	0.25	0.58	0.37	0.67
Number of children						
0	0.26	0.13	0.29	0.14	0.24	0.12
1	0.42	0.25	0.45	0.28	0.39	0.21
2	0.16	0.09	0.17	0.09	0.16	0.08
3	0.07	0.03	0.07	0.04	0.07	0.03
4	0.02	0.01	0.02	0.02	0.02	0.01
5	0.01	0.01	0.01	0.01	0.01	0.00
6 or more	0.01	0.00	0.01	0.00	0.01	0.00
Observations	12494	1922	5353	1048	7141	874

Table 2: Naive OLS model of the relationship between disability benefits and non-employment

	Dependent variable: non-employment					
	Men			Women		
	(1)	(2)	(3)	(4)	(5)	(6)
Id holder	0.266***	0.196***	0.166***	0.342***	0.323***	0.317***
	(0.013)	(0.014)	(0.014)	(0.018)	(0.020)	(0.020)
Very difficult		0.081***	0.079***		0.012	0.008
		(0.011)	(0.011)		(0.013)	(0.013)
Extremely difficult		0.400***	0.395***		0.143***	0.138***
		(0.029)	(0.029)		(0.040)	(0.041)
Hearing			−0.025*			0.007
			(0.015)			(0.019)
Walking or walking up stars			0.029**			0.028*
			(0.013)			(0.016)
Recalling or concentrating			0.040***			−0.034**
			(0.014)			(0.016)
Bathing and dressing			0.153***			−0.024
			(0.026)			(0.035)
Communication			0.139***			0.057**
			(0.021)			(0.028)
Age controls	Yes	Yes	Yes	Yes	Yes	Yes
Education controls	Yes	Yes	Yes	Yes	Yes	Yes
Marital status controls	Yes	Yes	Yes	Yes	Yes	Yes
Num of children controls	Yes	Yes	Yes	Yes	Yes	Yes
Observations	6,401	6,401	6,401	8,015	8,015	8,015
R^2	0.260	0.284	0.293	0.157	0.158	0.160
Adjusted R^2	0.253	0.277	0.286	0.151	0.152	0.153

Note: *p<0.1; **p<0.05; ***p<0.01

Table 3: IV model: effects of disability benefits on non-employment

	Men			Women	
	(1)	(2)	(3)	(4)	(5)
Id holder	0.359***	0.263***	0.234***	0.374***	0.348***
	(0.030)	(0.036)	(0.038)	(0.037)	(0.043)
Very difficult		0.064***	0.063***		0.007
		(0.014)	(0.014)		(0.015)
Extremely difficult		0.362***	0.361***		0.130***
		(0.034)	(0.034)		(0.045)
Hearing			−0.031**		
			(0.015)		
Walking or walking up stars			0.021		
			(0.014)		
Recalling or concentrating			0.034**		
			(0.015)		
Bathing and dressing			0.129***		
			(0.029)		
Communication			0.121***		
			(0.023)		
Observations	6,401	6,401	6,401	8,015	8,015
R^2	0.254	0.282	0.291	0.157	0.158
Adjusted R^2	0.247	0.275	0.284	0.150	0.152

Note: *p<0.1; **p<0.05

Table 4:

	Men			
	(1)	(2)	(3)	
Mision Manuela Espejo	0.623***	0.532***	0.496***	
	(0.016)	(0.016)	(0.015)	
Very difficult		0.215***	0.196***	
		(0.009)	(0.008)	
Extremely difficult		0.398***	0.356***	
		(0.023)	(0.023)	
Hearing			0.076***	
			(0.012)	
Walking or walking up stars			0.093***	
			(0.011)	
Recalling or concentrating			0.075***	
			(0.012)	
Bathing and dressing			0.305***	
			(0.020)	
Communication			0.222***	
			(0.017)	
Observations	6,401	6,401	6,401	
R^2	0.310	0.386	0.422	
Adjusted R^2	0.303	0.380	0.416	
F Statistic	49.024*** (df = 58; 6342)	66.436*** (df = 60; 6340)	71.020*** (df = 65; 6335)	78.5

Note:

Table 5:

	Men			Women		
	(1)	(2)	(3)	(4)	(5)	(
Id holder	0.266***	0.196***	0.166***	0.342***	0.323***	
	(0.013)	(0.014)	(0.014)	(0.018)	(0.020)	(
Age controls	*Yes*	*Yes*	*Yes*	*Yes*	*Yes*	*Ye*
Education controls	*Yes*	*Yes*	*Yes*	*Yes*	*Yes*	*Ye*
Marital status controls	*Yes*	*Yes*	*Yes*	*Yes*	*Yes*	*Ye*
Num of children controls	*Yes*	*Yes*	*Yes*	*Yes*	*Yes*	*Ye*
Observations	6,401	6,401	6,401	8,015	8,015	8,
R^2	0.260	0.284	0.293	0.157	0.158	0.
Adjusted R^2	0.253	0.277	0.286	0.151	0.152	0.

Note: *p<0.1; **p<0.05; **

Table 6: IV model: effects of disability benefits on being sick in the last 30 days

	Men			Women		
	(1)	(2)	(3)	(4)	(5)	(6)
Id holder	−0.037	−0.091**	−0.132***	0.0001	−0.028	−0.05
	(0.038)	(0.046)	(0.049)	(0.039)	(0.045)	(0.04
Very difficult		0.088***	0.088***		0.065***	0.06
		(0.018)	(0.017)		(0.016)	(0.01
Extremely difficult		0.139***	0.128***		0.035	0.04
		(0.044)	(0.043)		(0.048)	(0.04
Hearing			0.056***			0.02
			(0.020)			(0.02
Walking or walking up stars			0.159***			0.13
			(0.018)			(0.01
Recalling or concentrating			0.116***			0.08
			(0.019)			(0.01
Bathing and dressing			0.095***			0.03
			(0.037)			(0.03
Communication			0.056*			0.06
			(0.030)			(0.03
Observations	6,401	6,401	6,401	8,015	8,015	8,015
Adjusted R²	0.045	0.051	0.066	0.026	0.029	0.039

Note: ∗p<0.1; ∗∗p<0.05; ∗∗∗p<0

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Table 7:

	Men		
	(1)	(2)	(3)
Mision Manuela Espejo	0.623***	0.532***	0.496***
	(0.016)	(0.016)	(0.015)
Very difficult		0.215***	0.196***
		(0.009)	(0.008)
Extremely difficult		0.398***	0.356***
		(0.023)	(0.023)
Hearing			0.076***
			(0.012)
Walking or walking up stars			0.093***
			(0.011)
Recalling or concentrating			0.075***
			(0.012)
Bathing and dressing			0.305***
			(0.020)
Communication			0.222***
			(0.017)
Observations	6,401	6,401	6,401
R^2	0.310	0.386	0.422
Adjusted R^2	0.303	0.380	0.416
F Statistic	49.024*** (df = 58; 6342)	66.436*** (df = 60; 6340)	71.020*** (df = 65; 6335)	78.5

Note:

Table 8:

	Men			
	(1)	(2)	(3)	(4)
Id holder	−0.043***	−0.088***	−0.117***	−0.027
	(0.017)	(0.018)	(0.019)	(0.019)
Observations	6,401	6,401	6,401	8,015
R^2	0.054	0.060	0.075	0.033
Adjusted R^2	0.045	0.051	0.066	0.026
F Statistic	6.202*** (df = 58; 6342)	6.768*** (df = 60; 6340)	7.958*** (df = 65; 6335)	4.741*** (df = 58; 7956

Note:

Table 9: IV model: effects of disability benefits on preventive care in the last 30 days

	Men			Women		
	(1)	(2)	(3)	(4)	(5)	(
Id holder	0.048*	0.019	−0.013	0.101***	0.090***	(
	(0.027)	(0.032)	(0.034)	(0.029)	(0.034)	(
Very difficult		0.033***	0.032***		0.016	(
		(0.012)	(0.012)		(0.012)	(
Extremely difficult		0.092***	0.092***		0.028	(
		(0.031)	(0.030)		(0.036)	(
Hearing			0.019			−(
			(0.014)			((
Walking or walking up stars			0.033***			(
			(0.012)			((
Recalling or concentrating			0.059***			(
			(0.013)			((
Bathing and dressing			0.113***			(
			(0.026)			((
Communication			0.134***			−(
			(0.021)			((
Observations	6,401	6,401	6,401	8,015	8,015	8,(
R²	0.038	0.040	0.050	0.023	0.024	0.(
Adjusted R²	0.029	0.031	0.040	0.016	0.017	0.(

Note: ∗p<0.1; ∗∗p<0.05; ***

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Table 10:

	Men			
	(1)	(2)	(3)	
Mision Manuela Espejo	0.623***	0.532***	0.496***	
	(0.016)	(0.016)	(0.015)	
Very difficult		0.215***	0.196***	
		(0.009)	(0.008)	
Extremely difficult		0.398***	0.356***	
		(0.023)	(0.023)	
Hearing			0.076***	
			(0.012)	
Walking or walking up stars			0.093***	
			(0.011)	
Recalling or concentrating			0.075***	
			(0.012)	
Bathing and dressing			0.305***	
			(0.020)	
Communication			0.222***	
			(0.017)	
Observations	6,401	6,401	6,401	
R^2	0.310	0.386	0.422	
Adjusted R^2	0.303	0.380	0.416	
F Statistic	49.024*** (df = 58; 6342)	66.436*** (df = 60; 6340)	71.020*** (df = 65; 6335)	78.5

Note:

Table 11:

	Men			
	(1)	(2)	(3)	(4)
Id holder	0.059***	0.041***	0.016	0.058***
	(0.012)	(0.013)	(0.013)	(0.014)
Observations	6,401	6,401	6,401	8,015
R^2	0.038	0.040	0.050	0.024
Adjusted R^2	0.030	0.031	0.041	0.017
F Statistic	4.357*** (df = 58; 6342)	4.455*** (df = 60; 6340)	5.162*** (df = 65; 6335)	3.442*** (df = 58; 7956

Note:

Table 12: IV model: effects of disability benefits on health perception

	Men			Women		
	(1)	(2)	(3)	(4)	(5)	(6)
Id holder	−0.029	0.055	0.090*	−0.088**	−0.049	−0.0
	(0.040)	(0.047)	(0.051)	(0.039)	(0.045)	(0.0
Very difficult		−0.109***	−0.109***		−0.086***	−0.0
		(0.018)	(0.018)		(0.016)	(0.0
Extremely difficult		−0.248***	−0.237***		−0.054	−0.0
		(0.045)	(0.045)		(0.047)	(0.0
Hearing			−0.038*			−0.0
			(0.020)			(0.0
Walking or walking up stars			−0.144***			−0.1
			(0.018)			(0.0
Recalling or concentrating			−0.085***			−0.1
			(0.019)			(0.0
Bathing and dressing			−0.091**			−0.0
			(0.038)			(0.0
Communication			−0.039			−0.0
			(0.031)			(0.0
Observations	6,401	6,401	6,401	8,015	8,015	8,01
R^2	0.108	0.119	0.129	0.077	0.083	0.09
Adjusted R^2	0.100	0.111	0.120	0.070	0.076	0.08

Note: *p<0.1; **p<0.05; ***p·

Table 13:

	Men			
	(1)	(2)	(3)	
Mision Manuela Espejo	0.623***	0.532***	0.496***	
	(0.016)	(0.016)	(0.015)	
Very difficult		0.215***	0.196***	
		(0.009)	(0.008)	
Extremely difficult		0.398***	0.356***	
		(0.023)	(0.023)	
Hearing			0.076***	
			(0.012)	
Walking or walking up stars			0.093***	
			(0.011)	
Recalling or concentrating			0.075***	
			(0.012)	
Bathing and dressing			0.305***	
			(0.020)	
Communication			0.222***	
			(0.017)	
Observations	6,401	6,401	6,401	
R^2	0.310	0.386	0.422	
Adjusted R^2	0.303	0.380	0.416	
F Statistic	49.024*** (df = 58; 6342)	66.436*** (df = 60; 6340)	71.020*** (df = 65; 6335)	78.5

Note:

Table 14:

	Men			
	(1)	(2)	(3)	(4)
Id holder	−0.019	0.044**	0.068***	−0.050***
	(0.017)	(0.019)	(0.019)	(0.019)
Observations	6,401	6,401	6,401	8,015
R^2	0.108	0.119	0.129	0.078
Adjusted R^2	0.100	0.111	0.120	0.071
F Statistic	13.305*** (df = 58; 6342)	14.311*** (df = 60; 6340)	14.489*** (df = 65; 6335)	11.539*** (df = 58;

Note:

Table 15:

	Disability perception Very or extremely difficult	Vision disability	Hearing disability	Walking and walking up stairs	Recalling and concentrating	Bathing dre
	(1)	(2)	(3)	(4)	(5)	(6)
Treatment: 40 disability	0.016	-0.082^{**}	0.021	0.002	-0.018	-0.0
	(0.054)	(0.038)	(0.040)	(0.049)	(0.035)	(0.0
Sex controls	Yes	Yes	Yes	Yes	Yes	Yes
Age controls	Yes	Yes	Yes	Yes	Yes	Yes
Observations	404	404	404	404	404	404
Adjusted R^2	0.107	0.214	0.201	0.103	0.307	0.09

Note: *p<

Table 16: Summary statistics comparing disability id holders with 30–39 disability with id holders with 40 disability

	Both		Men		Women	
	30–39 disability	40 disability	30–39 disability	40 disability	30–39 disability	4
Non-employed	0.32	0.44	0.20	0.29	0.50	
Sick in the last 30 days	0.27	0.31	0.24	0.31	0.30	
Received preventive care	0.15	0.17	0.14	0.19	0.16	
Hospitalized in the last 12 months	0.07	0.11	0.07	0.10	0.07	
Considers herself in good health	0.60	0.54	0.64	0.54	0.55	
Considers herself in better health	0.15	0.16	0.16	0.14	0.14	
Visited by Mision Manuela Espejo	0.30	0.28	0.26	0.28	0.36	
Receives disability transfers	0.01	0.01	0.02	0.00	0.01	
Receives cash transfers	0.21	0.41	0.20	0.39	0.22	
Self-assessment of the impairment						
Somewhat difficult	0.52	0.49	0.51	0.48	0.55	
Very difficult	0.45	0.47	0.45	0.49	0.45	
Extremely difficult	0.02	0.03	0.04	0.03	0.00	
Type of disability						
Vision	0.22	0.18	0.20	0.17	0.23	
Hearing	0.20	0.14	0.17	0.17	0.23	
Walking or walking up stars	0.34	0.32	0.35	0.34	0.34	
Recalling or concentrating	0.11	0.15	0.11	0.16	0.13	
Bathing and dressing	0.07	0.09	0.09	0.07	0.03	
Communication	0.06	0.13	0.08	0.09	0.03	
Observations	218	186	132	112	86	

Table 17: Effects of disability benefits on employment and health status using id holders with 40 disability as the treatment group

	Non-employment	Sick in the last 30 days	Received preventive care in the last 30 days	Considers herself in good health	Consider in be hea
	(1)	(2)	(3)	(4)	(5
Treatment: 40 disability	0.095*	0.092	0.020	−0.156**	0.
	(0.055)	(0.061)	(0.050)	(0.065)	(0.
Woman	0.248***	0.060	0.043	−0.068	0.
	(0.063)	(0.071)	(0.058)	(0.075)	(0.
Treatment X woman	0.185**	−0.016	−0.044	0.108	−0.
	(0.090)	(0.101)	(0.082)	(0.107)	(0.
Very difficult	0.052	0.032	0.071*	0.069	0.
	(0.045)	(0.051)	(0.041)	(0.054)	(0.
Extremely difficult	−0.260*	0.197	0.421***	−0.504***	0.
	(0.145)	(0.163)	(0.133)	(0.173)	(0.
Hearing	0.074	0.090	−0.043	0.120	−0.
	(0.074)	(0.083)	(0.068)	(0.088)	(0.
Walking or walking up stars	0.150**	0.216***	0.021	−0.122	−0.
	(0.063)	(0.071)	(0.058)	(0.075)	(0.
Recalling or concentrating	0.376***	0.165*	0.040	−0.226**	−0.
	(0.080)	(0.090)	(0.073)	(0.095)	(0.
Bathing and dressing	0.216**	0.028	0.027	0.004	−0.
	(0.100)	(0.112)	(0.091)	(0.119)	(0.
Communication	0.207**	0.146	0.095	−0.173	−0.
	(0.092)	(0.103)	(0.085)	(0.110)	(0.
Age controls	*Yes*	*Yes*	*Yes*	*Yes*	*Yes*
Education controls	*Yes*	*Yes*	*Yes*	*Yes*	*Yes*
Marital status controls	*Yes*	*Yes*	*Yes*	*Yes*	*Yes*
Num of children controls	*Yes*	*Yes*	*Yes*	*Yes*	*Yes*
Observations	404	404	404	404	40
Adjusted R^2	0.486	0.185	0.299	0.265	0.3

Note: *p<0.1; **p<0.05; **

Table 18: Effects of disability benefits on people with the highest percentages of disability

	Non-employment	Sick in the last 30 days	Received preventive care in the last 30 days	Considers herself in good health	Considers in bett healt
	(1)	(2)	(3)	(4)	(5)
Treatment: above cutoff	−0.031	0.036	−0.043	0.227***	0.0
	(0.044)	(0.051)	(0.042)	(0.053)	(0.0
Woman	0.198***	−0.050	0.011	0.075	0.0
	(0.051)	(0.059)	(0.048)	(0.061)	(0.0
Treatment X woman	0.036	0.173**	0.058	−0.246***	−0.0
	(0.064)	(0.073)	(0.060)	(0.076)	(0.0
Group 3	−0.003	0.070*	0.044	−0.158***	0.0
	(0.037)	(0.042)	(0.035)	(0.044)	(0.0
Group 4	0.065	0.121**	0.131***	−0.198***	0.0
	(0.044)	(0.050)	(0.041)	(0.052)	(0.0
Very difficult	0.129***	−0.015	−0.002	−0.054	0.0
	(0.040)	(0.046)	(0.037)	(0.047)	(0.0
Extremely difficult	0.260***	−0.020	−0.003	−0.076	−0.0
	(0.054)	(0.062)	(0.051)	(0.065)	(0.0
Hearing	0.136**	−0.146**	−0.116**	0.027	0.0
	(0.060)	(0.069)	(0.056)	(0.071)	(0.0
Walking or walking up stars	0.171***	0.086	0.049	−0.139**	0.0
	(0.045)	(0.052)	(0.042)	(0.054)	(0.0
Recalling or concentrating	0.165***	0.092	0.065	−0.148**	0.0
	(0.054)	(0.062)	(0.051)	(0.064)	(0.0
Bathing and dressing	0.299***	−0.086	0.079	−0.076	0.1
	(0.056)	(0.064)	(0.052)	(0.066)	(0.0
Communication	0.244***	0.074	−0.022	−0.076	0.1
	(0.050)	(0.057)	(0.047)	(0.059)	(0.0
Group fixed effects	Yes	Yes	Yes	Yes	Yes
Age controls	Yes	Yes	Yes	Yes	Yes
Education controls	Yes	Yes	Yes	Yes	Yes
Marital status controls	Yes	Yes	Yes	Yes	Yes
Num of children controls	Yes	Yes	Yes	Yes	Yes
Observations	756	756	756	756	756
Adjusted R²	0.324	0.128	0.139	0.200	0.146

Note: *p<0.1; **p<0.05; ***p

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