

Effect of HF on employment

Online supplement Table 1. Variables associated with competitive employment, participants employed at baseline removed.

	High Needs (n=837)				Moderate needs (n=1078)			
	OR	95%CI		p	OR	95%CI		p
<b>HF (Unadjusted)</b>	.73	.55	1.14	.060	.70	.49	.96	.039
<b>HF (Adjusted)</b>	.50	.24	1.02	.056	.36	.18	.70	.003
<b>Time</b>	1.08	1.06	1.11	<.001	1.06	1.03	1.08	<.001
<b>HF x time interaction</b>	1.02	.98	1.05	.392	1.05	1.01	1.08	.007
<b>Site, compared to Montreal</b>								
<b>Vancouver</b>	2.60	1.42	4.78	.002	.74	.48	1.15	.185
<b>Winnipeg</b>	.78	.36	1.69	.530	.50	.32	.79	.003
<b>Toronto</b>	.65	.31	1.35	.244	.35	.23	.55	<.001
<b>Moncton <sup>a</sup></b>	2.97	1.58	5.56	.001				
<b>Male</b>	1.59	1.06	2.37	.024	1.63	1.13	2.34	.008
<b>More than 12 years of education</b>	1.37	.98	1.91	.064	1.59	1.15	2.19	.005
<b>Age</b>	.96	.94	.97	<.001	.97	.95	.99	<.001
<b>Psychotic disorder</b>	.70	.47	1.06	.091	.76	.53	1.10	.143
<b>Alcohol disorder at baseline</b>	1.61	1.14	2.28	.007	1.26	.89	1.78	.197
<b>Substance disorder at baseline</b>	.63	.44	.90	.010	.83	.58	1.19	.311
<b>MCAS</b>	1.00	.97	1.02	.859	1.04	1.01	1.06	.009
<b>Month of the data- collection interview</b>	1.72	1.59	1.86	<.001	1.70	1.57	1.85	<.001

<sup>a</sup>No participant at the Moncton site was classified as Moderate Need; RSE robust standard errors; MCAS Multnomah Community Ability Scale.

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Online supplement Table 2. Negative binomial regression of hours worked per week in competitive employment.

	ACT (n=856)				ICM (n=1103)			
	Coef.	95% CI		<i>p</i>	Coef.	95% CI		<i>p</i>
<b>Unadjusted HF</b>	1.11	-2.48	4.71	0.543	-2.63	-5.11	-.14	.038
<b>Adjusted HF</b>	1.33	-2.38	5.04	.482	-2.19	-4.73	.36	.092
<b>Site, compared to Montreal</b>								
<b>Vancouver</b>	1.22	-4.23	6.67	.661	-3.74	-7.85	.38	.075
<b>Toronto</b>	10.75	4.05	17.45	.002	4.20	.62	7.79	.022
<b>Winnipeg</b>	4.14	-2.43	10.71	.217	-1.90	-5.20	1.40	.259
<b>Moncton</b>	5.95	-.40	12.29	.066				
<b>Male</b>	-1.30	-5.82	3.21	.572	1.85	-1.16	4.86	.228
<b>Education (12y+)</b>	-.60	-4.90	3.70	.783	1.46	-1.27	4.20	.295
<b>Age</b>	-.18	-.36	.00	.055	-.17	-.29	-.05	.006
<b>Employed at baseline</b>	4.33	-5.55	14.20	.391	1.66	-1.97	5.29	.370
<b>Psychotic disorder</b>	1.11	-2.63	4.84	.561	-.49	-3.60	2.61	.755
<b>Alcohol disorder at baseline</b>	4.01	.43	7.58	.028	1.31	-1.48	4.10	.356
<b>Substance use disorder at baseline</b>	-4.03	-7.73	-.33	.033	.08	-2.54	2.71	.950
<b>MCAS score at baseline</b>	-.13	-.44	.18	.427	.09	-.13	.31	.420

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Online supplement Table 3. Total income regression model estimated via GEE.

	ACT (n=856)				ICM (n=1103)			
	Marginal Mean	95% CI		<i>p</i>	Marginal Mean	95% CI		<i>p</i>
<b>Unadjusted HF</b>	15.76	-29.47	60.99	.495	9.16	-25.68	44.00	.610
<b>Adjusted HF</b>	34.24	-10.24	78.71	.131	8.19	-26.31	42.69	.642
<b>Time</b>	7.82	6.09	9.55	<.001	7.55	6.04	9.06	<.001
<b>Site, compared to Montreal</b>								
<b>Moncton</b>	-285.54	-226.54	-344.53	<.001				
<b>Toronto</b>	-76.04	-142.01	-10.07	.024	4.98	-43.77	53.73	.841
<b>Winnipeg</b>	-373.96	-436.71	-311.22	<.001	-260.17	-309.58	-210.77	<.001
<b>Vancouver</b>	-32.58	-82.69	17.53	.203	65.80	12.34	119.26	.016
<b>Male</b>	44.68	.52	88.84	.047	-.29	-36.27	35.70	.988
<b>Education (12y+)</b>	24.69	-21.29	70.67	.293	41.03	3.71	78.36	.031
<b>Age</b>	.54	-1.32	2.39	.571	2.36	.38	4.34	.019
<b>Psychotic disorder</b>	-65.26	-124.87	-5.65	.032	-7.38	-44.95	30.19	.700
<b>Alcohol disorder at baseline</b>	46.98	2.86	91.10	.037	17.27	-20.49	55.03	.370

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Online supplement Table 4. Income from government support regression model estimated via GEE.

	ACT (n=856)				ICM (n=1103)			
	Marginal Mean	95% CI		<i>p</i>	Marginal Mean	95% CI		<i>p</i>
<b>Unadjusted HF</b>	28.55	-8.40	65.50	.130	47.69	14.61	80.77	.005
<b>Adjusted HF</b>	13.97	-18.17	46.10	.394	27.49	2.67	57.66	.040
<b>Time</b>	6.89	5.56	8.22	<.001	6.39	5.26	7.52	<.001
<b>Site, compared to Montreal</b>								
<b>Moncton</b>	-255.64	-299.41	-211.87	<.001				
<b>Toronto</b>	-55.75	-104.43	-7.08	.025	-28.89	-71.96	14.19	.189
<b>Winnipeg</b>	-352.68	-396.34	-309.03	<.001	-260.35	-304.50	-216.20	<.001
<b>Vancouver</b>	-23.28	-58.45	11.88	.194	48.95	.37	97.53	.048
<b>Male</b>	-13.23	-51.04	24.57	.493	-58.86	-91.59	-26.14	<.001
<b>Education (12y+)</b>	39.38	5.02	73.73	.025	-5.71	-37.65	26.23	.726
<b>Age</b>	2.01	.42	3.60	.013	5.29	3.66	6.92	<.001
<b>Psychotic disorder</b>	-24.52	-64.76	15.72	.232	23.91	-9.62	57.44	.162
<b>Alcohol disorder at baseline</b>	3.64	-31.31	38.58	.838	-12.79	-45.77	20.19	.447

Online supplement Table 5. Income from competitive employment regression model estimated via GEE.

	ACT (n=856)				ICM (n=1103)			
	Marginal Mean	95% CI		<i>p</i>	Marginal Mean	95% CI		<i>p</i>
<b>Unadjusted HF</b>	-27.39	-49.31	5.47	.140	-31.26	-51.53	10.99	.356
<b>Adjusted HF</b>	-8.68	-13.76	3.60	.061	-17.90	-58.02	17.15	.288
<b>Time</b>	7.10	2.60	10.16	.002	.90	-1.87	2.04	.932
<b>Site, compared to Montreal</b>								
<b>Moncton</b>	1.72	-3.57	7.02	.523				
<b>Toronto</b>	14.08	6.76	21.40	<.001	30.62	-18.82	80.06	.225
<b>Winnipeg</b>	5.64	-4.78	16.06	.289	-13.93	-52.12	24.26	.475
<b>Vancouver</b>	2.77	-2.39	7.94	.293	2.09	-40.32	44.50	.923
<b>Male</b>	14.19	.78	27.59	.038	10.87	-12.84	34.58	.369
<b>Education (12y+)</b>	14.49	-.62	29.61	.060	39.89	13.58	66.21	.003
<b>Age</b>	-.59	-1.44	.26	.177	-2.96	-4.54	-1.38	<.001
<b>Psychotic disorder</b>	-22.80	-40.67	-4.94	.012	-5.32	-34.94	24.31	.725
<b>Alcohol disorder at baseline</b>	14.19	1.58	27.35	.028	19.64	-9.79	49.07	.191

Online supplement Table 6. Income from street activities regression model estimated via GEE.

	ACT (n=856)				ICM (n=1103)			
	Marginal Mean	95% CI		<i>p</i>	Marginal Mean	95% CI		<i>p</i>
<b>Unadjusted HF</b>	-1.19	-22.91	20.53	.914	-9.42	-23.08	4.24	.177
<b>Adjusted HF</b>	-.84	-25.55	23.87	.947	-19.79	-43.85	4.26	.107
<b>Time</b>	.31	-.80	1.42	.587	.39	-1.12	.34	.293
<b>Site, compared to Montreal</b>								
<b>Moncton</b>	-71.92	-116.05	-27.79	.001				
<b>Toronto</b>	-45.70	-93.02	1.63	.058	17.09	-2.57	36.76	.088
<b>Winnipeg</b>	-19.23	-74.48	36.02	.495	27.28	2.34	52.21	.032
<b>Vancouver</b>	-20.33	-68.68	28.03	.410	70.42	35.24	105.60	<.001
<b>Male</b>	59.51	17.08	101.95	.006	83.36	41.88	124.85	<.001
<b>Education (12y+)</b>	-41.02	-76.13	-5.91	.022	14.46	-12.54	41.47	.294
<b>Age</b>	.71	-.45	1.87	.229	-.83	-1.89	.23	.123
<b>Psychotic disorder</b>	-35.12	-67.46	-2.78	.033	-11.95	-41.75	17.85	.432
<b>Alcohol disorder at baseline</b>	11.53	-14.01	37.08	.376	13.29	-9.61	68.30	.284

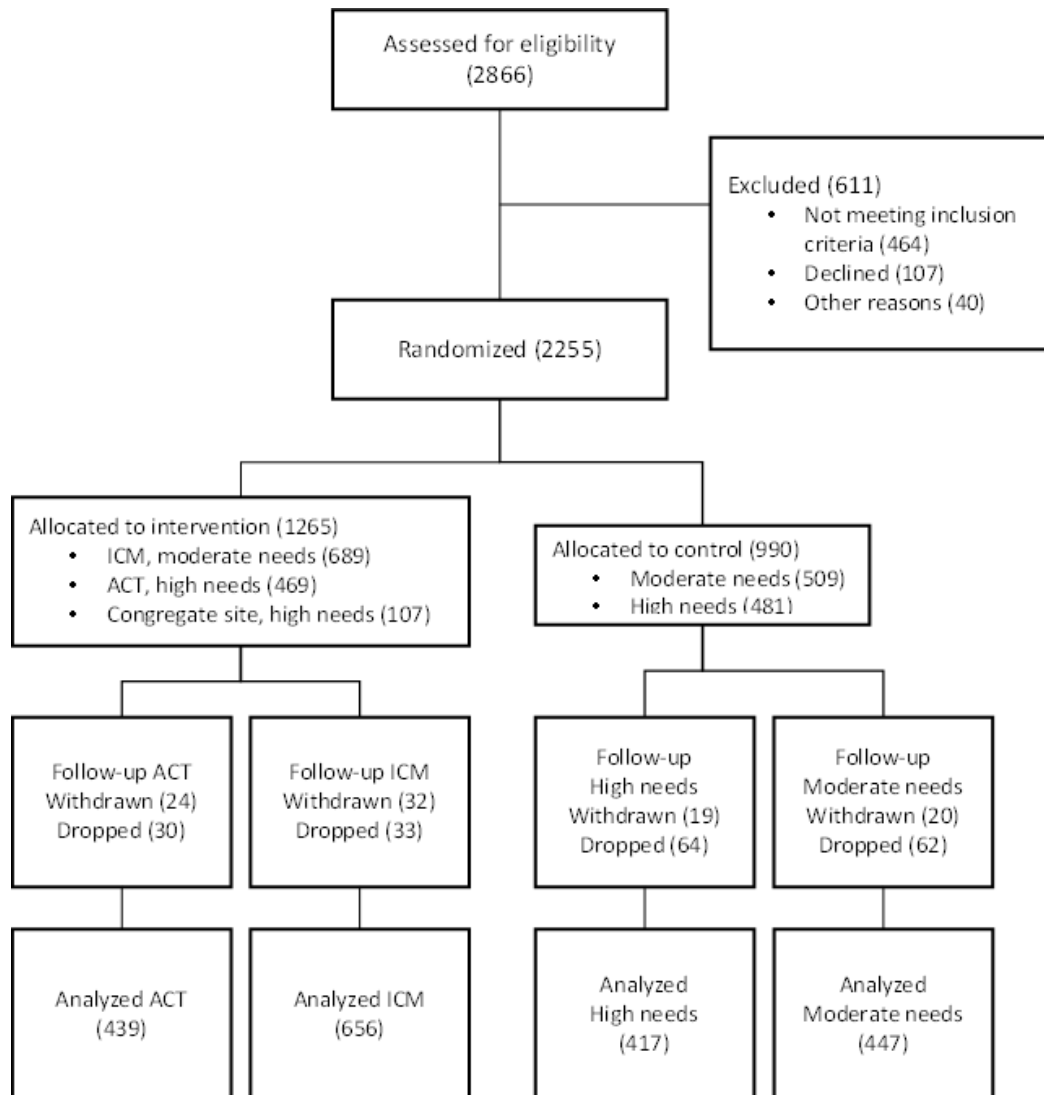
Online supplement Table 7. Earning exemptions, according to Provincial Ministries responsible for social services.

<b>Welfare earning exemption for people with disabilities *</b>	
<b>Moncton</b>	\$500/month + 30% of every dollar beyond 500
<b>Montreal</b>	\$200/ month
<b>Toronto</b>	\$200/ month +50% of every dollar beyond 200
<b>Winnipeg</b>	\$200/month + 30% of every dollar beyond 200
<b>Vancouver</b>	\$500/month

\* As of December 2014.

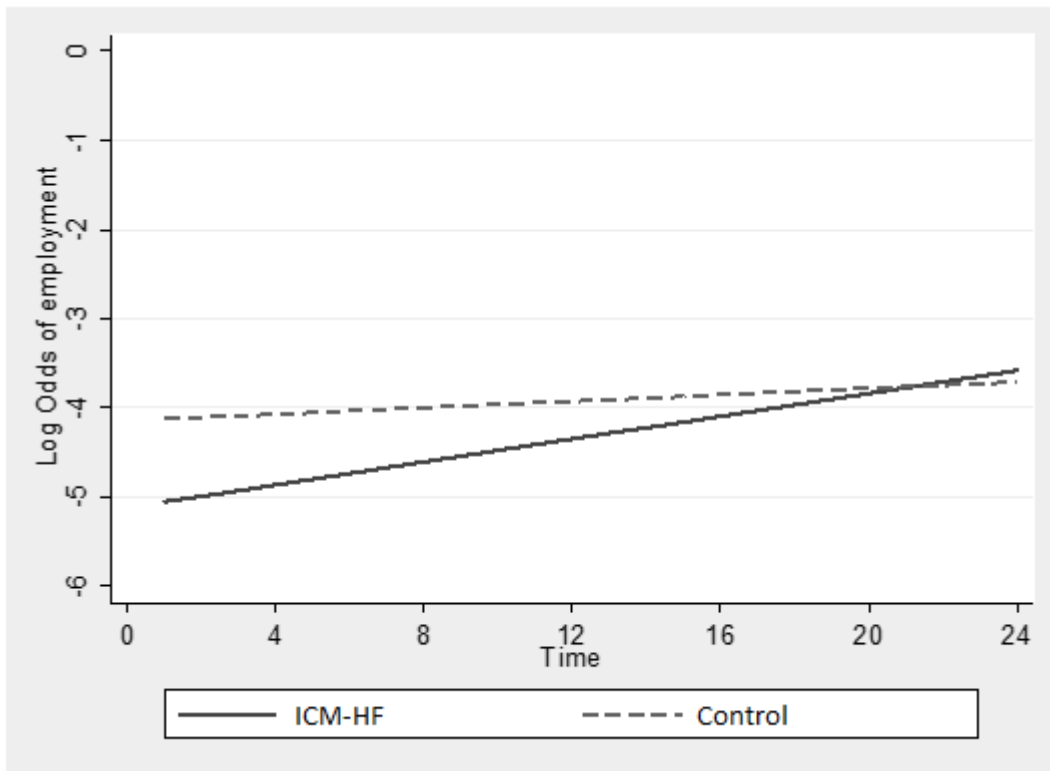
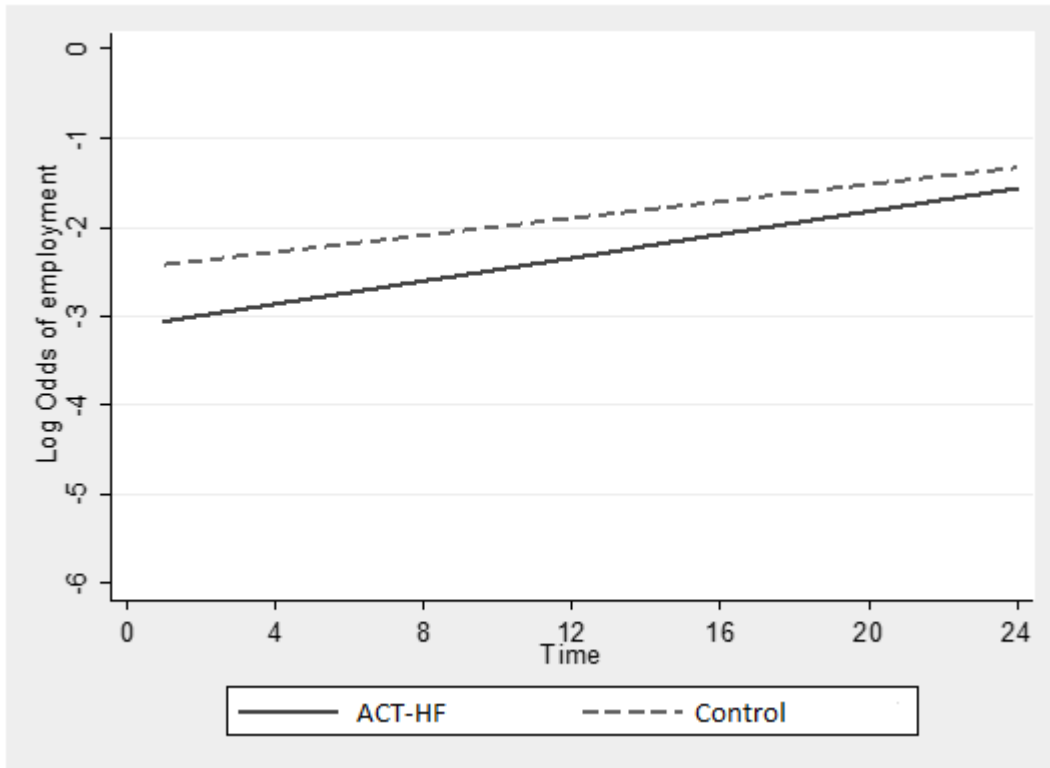
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Figure 1. CONSORT diagram of patient flow



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Figure 2 and 3. Log Odds of employment over time



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Figure 4 and 5. Percent of participants in competitive employment over time

