

## Supplementary File 8 – US Difference-in-difference analysis results

**Table S3A. Unadjusted and adjusted difference-in-difference regression results, by HealthRise grantee, for hypertension patients.**

	Hennepin		Ramsey		Rice	
	Coefficient (95% CI)	p-value	Coefficient (95% CI)	p-value	Coefficient (95% CI)	p-value
<b>Hypertension</b>						
<b>Change in systolic blood pressure (mmHg)</b>						
<b>Unadjusted model</b>						
HealthRise-endline interaction	-4.8 (-11.0 to 1.4)	0.130	<b>-14.4 (-26.4 to -2.3)</b>	<b>0.021</b>	<b>-8.4 (-15.2 to -1.6)</b>	<b>0.016</b>
<b>Adjusted model</b>						
HealthRise-endline interaction	-4.8 (-11.1 to 1.5)	0.133	<b>-14.4 (-26.6 to -2.1)</b>	<b>0.022</b>	<b>-8.4 (-15.3 to -1.5)</b>	<b>0.017</b>
Age						
< 50 years	-	-	-	-	-	-
≥ 50 years	0.7 (-4.6 to 6.0)	0.795	2.2 (-5.4 to 9.8)	0.570	0.4 (-4.6 to 5.3)	0.879
Sex						
Male	-	-	-	-	-	-
Female	0.3 (-4.1 to 4.8)	0.883	1.5 (-6.5 to 9.4)	0.716	-0.1 (-4.2 to 3.9)	0.946
Duration from baseline to endline						
< 12 months	-	-	-	-	-	-
≥ 12 months	-0.7 (-7.8 to 6.5)	0.858	-3.8 (-14.6 to 7.1)	0.491	<b>-8.2 (-13.7 to -2.6)</b>	<b>0.004</b>
Comorbid						
No (hypertension only)	-	-	-	-	-	-
Yes (hypertension and diabetes)	-4.8 (-11.1 to 1.5)	0.133	-5.2 (-13.9 to 3.4)	0.232	2.3 (-5.1 to 9.7)	0.546
<b>Change in patients meeting treatment targets (% points)</b>						
<b>Unadjusted model</b>						
HealthRise-endline interaction	<b>24.3 (6.8 to 41.8)</b>	<b>0.007</b>	20.0 (-5.0 to 44.9)	0.116	15.1 (-1.0 to 31.1)	0.065
<b>Adjusted model</b>						
HealthRise-endline interaction	<b>24.3 (6.7 to 41.9)</b>	<b>0.007</b>	20.0 (-5.4 to 45.3)	0.121	15.1 (-1.0 to 31.2)	0.066
Age						
< 50 years	-	-	-	-	-	-
≥ 50 years	0.9 (-14.9 to 16.8)	0.908	-1.3 (-20.8 to 18.2)	0.895	8.3 (-2.1 to 18.6)	0.117
Sex						
Male	-	-	-	-	-	-
Female	-1.2 (-11.2 to 8.9)	0.818	-9.5 (-27.4 to 8.4)	0.295	-0.5 (-9.1 to 8.1)	0.907
Duration from baseline to endline						
< 12 months	-	-	-	-	-	-
≥ 12 months	3.6 (-14.2 to 21.5)	0.689	1.7 (-20.7 to 24.2)	0.877	<b>21.6 (10.7 to 32.4)</b>	<b>&lt; 0.001</b>
Comorbid						
No (hypertension only)	-	-	-	-	-	-
Yes (hypertension and diabetes)	<b>17.3 (3.7 to 30.9)</b>	<b>0.013</b>	-0.7 (-20.2 to 18.9)	0.947	-1.3 (-16.1 to 13.4)	0.858

**Table S3B. Unadjusted and adjusted difference-in-difference regression results, by HealthRise grantee, for diabetes patients.**

	Hennepin		Ramsey		Rice	
	Coefficient (95% CI)	<i>p</i> -value	Coefficient (95% CI)	<i>p</i> -value	Coefficient (95% CI)	<i>p</i> -value
<b>Diabetes</b>						
<b>Change in A1c (%)</b>						
<b>Unadjusted model</b>						
HealthRise-endline interaction	<b>-0.7 (-1.3 to -0.09)</b>	<b>0.024</b>	<b>-1.4 (-2.4 to -0.5)</b>	<b>0.004</b>	-0.02 (-0.5 to 0.4)	0.943
<b>Adjusted model</b>						
HealthRise-endline interaction	<b>-0.7 (-1.3 to -0.08)</b>	<b>0.026</b>	<b>-1.4 (-2.4 to -0.5)</b>	<b>0.004</b>	-0.02 (-0.5 to 0.4)	0.943
Age						
< 50 years	-	-	-	-	-	-
≥ 50 years	<b>-1.3 (-2.4 to -0.1)</b>	<b>0.033</b>	0.1 (-0.8 to 0.5)	0.802	-0.08 (-0.6 to 0.4)	0.743
Sex						
Male	-	-	-	-	-	-
Female	0.2 (-0.7 to 1.2)	0.637	-0.09 (-0.9 to 0.7)	0.820	-0.08 (-0.5 to 0.4)	0.723
Duration from baseline to endline						
< 12 months	-	-	-	-	-	-
≥ 12 months	0.1 (-1.7 to 1.4)	0.875	0.2 (-0.8 to 1.2)	0.683	0.2 (-0.3 to 0.6)	0.480
Comorbid						
No (diabetes only)	-	-	-	-	-	-
Yes (hypertension and diabetes)	0.1 (-1.1 to 1.3)	0.851	-0.5 (-1.4 to 0.3)	0.207	0.08 (-0.3 to 0.5)	0.707
<b>Change in patients meeting treatment targets (% points)</b>						
<b>Unadjusted model</b>						
HealthRise-endline interaction	<b>21.7 (6.4 to 36.9)</b>	<b>0.006</b>	<b>19.1 (0.2 to 38.1)</b>	<b>0.048</b>	2.1 (-9.3 to 13.6)	0.714
<b>Adjusted model</b>						
HealthRise-endline interaction	<b>21.7 (6.3 to 37.1)</b>	<b>0.006</b>	19.1 (0.0 to 38.0)	0.050	2.1 (-9.3 to 13.6)	0.715
Age						
< 50 years	-	-	-	-	-	-
≥ 50 years	12.4 (-6.7 to 31.5)	0.201	3.9 (-9.6 to 17.3)	0.568	-3.8 (-13.7 to 6.2)	0.456
Sex						
Male	-	-	-	-	-	-
Female	-9.2 (-26.8 to 8.4)	0.301	-2.0 (-14.6 to 10.7)	0.758	0.2 (-8.9 to 9.3)	0.967
Duration from baseline to endline						
< 12 months	-	-	-	-	-	-
≥ 12 months	-1.2 (-25.3 to 22.7)	0.916	0.8 (-14.6 to 16.2)	0.919	-1.8 (-11.6 to 7.9)	0.712
Comorbid						
No (diabetes only)	-	-	-	-	-	-
Yes (hypertension and diabetes)	3.0 (-20.2 to 26.2)	0.798	3.2 (-9.7 to 16.2)	0.621	1.0 (-8.2 to 10.3)	0.823