

**Supplement 1: ICD-9 and ICD-10 discharge diagnosis codes**

<b>Condition</b>	<b>ICD-9</b>	<b>ICD-10</b>
<b>Asthma</b>	493	J45
<b>CVD</b>		
Myocardial Infarction	410, 412	I21, I22, I25.2
Stroke	398.91, 402.01, 402.11, 402.91, 404.01, 404.03, 404.11, 404.13, 404.91, 404.93, 425.4, 425.5, 425.6, 425.7, 425.8, 425.9, 430, 431, 432.0, 432.1, 432.9, 433.01, 433.11, 433.21, 433.31, 433.81, 433.91, 434.01, 434.11, 434.91, 435, 436, 436.0, 436.00, 436.9, 436.90, 852.00-852.06, 852.09, 852.20-852.26, 852.29, 852.40-852.46, 852.49, 853.0	I09.9, I11.0, I13.0, I13.2, I25.5, I42.0, I42.5, I42.6, I42.7, I42.8, I42.9, I60, I61, I62, I63, I64, P29.0
CHF	428	I43, I50
<b>Depression</b>	296.2, 296.3, 296.5, 300.4, 309, 311	F20.4, F31.3-5, F32, F34.1, F41.2, F43.2
<b>Diabetes</b>	250	E10-E14
<b>Hypertension</b>	401, 402, 403, 404, 405	I10, I11, I12, I13, I14, I15

## Supplement 2: Parametrization of difference in difference model

$$\begin{aligned}\text{Logit}(P[Y_{kiT} = 1]) &= \beta_{k0} + \beta_{k1} * I(T_i = 1) + \beta_{k2} * (G_i = 1) * I(T_i = 1) + \beta_{k3} * C_i \\ \text{Log}(Z_{kiT}) &= \beta_{k0} + \beta_{k1} * I(T_i = 1) + \beta_{k2} * (G_i = 1) * I(T_i = 1) + \beta_{k3} * C_i + \log(t)\end{aligned}$$

where

$Y_{kiT}$ : binary indicator for the  $k^{\text{th}}$  health outcome (CVD, diabetes, etc.) at time T

$Z_{iT}$ : count of outpatient encounters at time T

t: length of follow-up in calendar years at time T

$T_i$ : binary indicator for the time period (0: baseline or 1: follow-up)

$G_i$ : binary indicator for whether the individual is in a block group that gentrified

$C_{iT}$ : covariates at time T

$\beta_k$ : vector of regression coefficients for the  $k^{\text{th}}$  health outcome

Here,  $\beta_1$  represents the change in log odds (or, for outpatient visits, the log of expected rate) of having the outcome for individuals within a block group that did not gentrify;  $\beta_1 + \beta_2$  change in log odds/ log of expected rate of having the outcome for individuals within a block group that did gentrify; and  $\beta_2$  represents the difference in the change in log odds of having the outcome (or log of expected rate for outpatient visits) comparing individuals in a block group that did gentrify to individuals in a block group that did not gentrify, conditional on covariates.

$e(i) : \text{no main effect of } G_i = 1.$

$\Rightarrow$  when  $T_i = 0$  at baseline  
equation reduces to

$$\text{logit}(\cdot) = \beta_{K0} + \beta_{K3} \cdot C_i$$

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So, there is no difference  
between gentrif / non gentrif.  
at baseline.

- could be biased if there is  
a set of factors impacting  
the likelihood of being gentrified.
- Also, effect of gentrification  
can be overstated if we  
do not ~~not~~ estimate baseline  
mean.

$$e(ii) \quad G_i = 1 \quad \text{vs} \quad G_i = 0$$

$$\log \left( \frac{p}{1-p} \right) = \beta_0 + \beta_1 \bar{I}(T) + \beta_2 G_i \bar{I}(T) + \beta_3 C.$$

$$\Rightarrow \frac{p}{1-p} = \exp(\beta_0 + \beta_1 \bar{I}(T) + \beta_2 G_i \bar{I} + \beta_3 C)$$

Ratio:

$$\frac{G_i = 1}{G_i = 0} \Rightarrow \frac{\exp(\cancel{\beta_0} + \cancel{\beta_1} \bar{I}(T) + \beta_2 \bar{I}(T) + \cancel{\beta_3})}{\exp(\cancel{\beta_0} + \cancel{\beta_1} \bar{I}(T) + \cancel{\beta_3})}$$

$$= \exp(\beta_2 \bar{I}(T=1))$$



**Supplement 3: Eligibility criteria and variables used to define gentrification**

	Steinmetz-Wood*	Ding	Hirsch
<b>Eligibility</b>	Negative z-score in baseline year relative to broader area average and SD in household income, rent price, percent with bachelor's degree and positive z-score in percent below poverty level	Median household income below the citywide median at baseline	>50 people Top quartile of household income
<b>Variables</b>	Median household income Proportion of population with bachelor's degree Average rent  Proportion of population with low income Proportion of population aged 30–44 (not used in final definition)	Median household income Median gross rent Median home value  Median increase in its share of college educated residents	Percent with bachelor's degree Median contract rent price Median home value
<b>Gentrified</b>	Difference between baseline and follow-up (1996–2006) z-scores was positive for all indicators except for proportion of low income, which needed to be negative. Binary variable created.	Above citywide median percentage increase in either median gross rent or median home value AND an above citywide median increase in its share of college-educated residents.	<u>Gentrification</u> : 50–100% in change in college-educated residents from baseline to follow-up AND (50–75% in change in median monthly contract rent between baseline and follow-up Or 50–75% in change in median home value between baseline and follow-up) <u>Intense gentrification</u> : 50–100% in change in college-educated residents from baseline to follow-up AND (75–100% in change in median monthly contract rent between baseline and follow-up Or 75–100% in change in median home value between baseline and follow-up)

\* Definition used in the main analysis

**Supplement 4: Comparison of baseline characteristics of definitions used in sensitivity analysis**

Ding			Hirsch		
	Did Not Gentrify	Gentrified	Did Not Gentrify	Gentrification	Intense Gentrification
	(N=16139)	(N=2015)	(N=23754)	(N=5877)	(N=6804)
<b>Block groups</b>	<b>42</b>	<b>7</b>	<b>58</b>	<b>13</b>	<b>16</b>
<b>Demographics</b>			<b>Demographics</b>		
<b>Female</b>	9029 (55.9%)	1047 (52.0%)	<b>Female</b>	13450 (56.6%)	3742 (55.0%)
<b>Age (yrs) (Median, 25<sup>th</sup>–75<sup>th</sup>)</b>	41.7, (28.2–54.5)	40.3, (28.0–52.1)	<b>Age (yrs) (Median, 25<sup>th</sup>–75<sup>th</sup>)</b>	43.2, (29.5–55.7)	45.0, (31.9–57.4)
Percent 65+	1809 (11.2%)	134 (6.7%)	Percent 65+	2788 (11.7%)	995 (14.6%)
<b>Race</b>			<b>Race</b>		
Black	11987 (74.3%)	1397 (69.3%)	Black	14557 (61.3%)	2811 (41.3%)
Other	1373 (8.5%)	180 (8.9%)	Other	1975 (8.3%)	561 (8.2%)
White	2779 (17.2%)	438 (21.7%)	White	7222 (30.4%)	3432 (50.4%)
<b>Payor</b>			<b>Payor</b>		
Private	5616 (42.5%)	635 (39.8%)	Private	10393 (52.9%)	3244 (57.1%)
Public	5712 (43.2%)	704 (44.2%)	Public	7081 (36.0%)	1933 (34.0%)
Self-Pay	1899 (14.4%)	255 (16.0%)	Self-Pay	2175 (11.1%)	505 (8.9%)
<b>Variables to Define Gentrification</b>			<b>Variables to Define Gentrification</b>		
<b>Median Household Income (\$)</b>	29967 (8380)	25734 (10906)	<b>Median Household Income (\$)</b>	42836 (16726)	45775 (16459)
<b>Percent Bachelor's Degree</b>	20.5 (16.1)	18.8 (14.4)	<b>Percent Bachelor's Degree</b>	33.1 (23.0)	41.2 (19.9)
<b>Average Rent (\$)</b>	749 (155)	679 (231)	<b>Median Home Value (\$)</b>	832 (198)	878 (238)
<b>Median Home Value (\$)</b>	120908 (69324)	124836 (31733)	<b>Median Rent (\$)</b>	151929 (79320)	168880 (64918)

**Supplement 5a: Sensitivity of models to a gentrification definition with fewer criteria – Ding definition**

Intercept	0	0	0	<0.001
Time	1.85	1.74	1.97	<0.001
Gentrification	1.1	0.93	1.3	0.28
<b>Diabetes</b>				
Intercept	0.02	0.02	0.02	<0.001
Time	1.55	1.50	1.60	<0.001
Gentrification	1.07	0.96	1.19	0.23
<b>Hypertension</b>				
Intercept	0.02	0.02	0.02	<0.001
Time	1.59	1.53	1.66	<0.001
Gentrification	0.94	0.86	1.03	0.20
<b>Obesity</b>				
Intercept	0.07	0.06	0.08	<0.001
Time	3.26	3.15	3.39	<0.001
Gentrification	0.94	0.86	1.03	0.20
<b>Depression</b>				
Intercept	0.04	0.03	0.04	<0.001
Time	2.37	2.28	2.46	<0.001
Gentrification	1.10	0.99	1.23	0.07
<b>Asthma</b>				
Intercept	0.05	0.04	0.05	<0.001
Time	1.94	1.87	2.02	<0.001
Gentrification	1.13	1.00	1.28	0.04
<b>Emergency Department</b>				
Intercept	0.73	0.68	0.79	<0.001
Time	2.03	1.95	2.11	<0.001
Gentrification	1.10	1.02	1.19	0.01
<b>Inpatient</b>				
Intercept	0.02	0.02	0.02	<0.001
Time	1.20	1.13	1.28	<0.001
Gentrification	1.09	0.97	1.22	0.15
<b>Outpatient</b>				
Intercept	0.27	0.24	0.29	<0.001
Time	1.14	1.11	1.17	<0.001
Gentrification	0.98	0.93	1.05	0.61

Models adjusted for age, race, ICE, sex, insurance status, and the individual-level clustering effect.



**Supplement 5b: Sensitivity of models to a 2 stage (i.e., less and more intense) gentrification definition – Hirsch definition**

<b>CVD</b>	<b>Estimate</b>	<b>95% CI</b>		<b>p-value</b>
Intercept	0	0	0	<0.001
Time	1.88	1.80	1.97	<0.001
Gentrification	1.04	0.94	1.15	0.48
Intense Gentrification	1.00	0.91	1.11	0.96
<b>Diabetes</b>				
Intercept	0.02	0.02	0.02	<0.001
Time	1.54	1.51	1.58	<0.001
Gentrification	0.97	0.91	1.04	0.35
Intense Gentrification	0.90	0.84	0.96	0.002
<b>Hypertension</b>				
Intercept	0.02	0.02	0.02	<0.001
Time	1.52	1.48	1.57	<0.001
Gentrification	0.97	0.92	1.03	0.35
Intense Gentrification	0.89	0.84	0.95	<0.001
<b>Obesity</b>				
Intercept	0.08	0.08	0.09	<0.001
Time	3.05	2.97	3.13	<0.001
Gentrification	0.94	0.89	1.00	0.04
Intense Gentrification	0.86	0.82	0.91	<0.001
<b>Depression</b>				
Intercept	0.04	0.04	0.04	<0.001
Time	2.27	2.21	2.33	<0.001
Gentrification	1.02	0.96	1.09	0.54
Intense Gentrification	1.06	1.00	1.14	0.06
<b>Asthma</b>				
Intercept	0.05	0.04	0.05	<0.001
Time	1.92	1.86	1.98	<0.001
Gentrification	1.00	0.93	1.08	0.95
Intense Gentrification	0.97	0.89	1.05	0.40
<b>Emergency Department</b>				
Intercept	0.62	0.58	0.65	<0.001
Time	1.90	1.84	1.96	<0.001
Gentrification	1.03	0.98	1.08	0.30
Intense Gentrification	1.09	1.04	1.15	<0.001
<b>Inpatient</b>				
Intercept	0.02	0.01	0.02	<0.001

Time	1.18	1.12	1.23	<0.001
Gentrification	1.04	0.97	1.12	0.23
Intense Gentrification	1.02	0.95	1.09	0.64
<b>Outpatient</b>				
Intercept	0.26	0.25	0.29	<0.001
Time	1.10	1.08	1.12	<0.001
Gentrification	0.98	0.94	1.01	0.14
Intense Gentrification	0.98	0.95	1.02	0.30

Models adjusted for age, ICE, sex, insurance status, and the individual-level clustering effect.

## Supplement 6a: Association between gentrification and health and health care utilization stratified by age

		<65 years old				>= 65 years old				
CVD		Estimate*	Lower CL	Upper CL	p-value	Estimate	Lower CL	Upper CL	p-value	p-int
	Main	0.92	0.73	1.14	0.43	0	0	0	<0.001	0.53
	Ding	1.16	0.96	1.41	0.13	0	0	Inf	0.12	0.13
	Hirsch									
	Less	1.04	0.91	1.19	0.54	1.02	0.89	1.18	0.74	0.18
	More	1.13	0.99	1.29	0.07	0.86	0.75	0.99	0.04	0.72
Diabetes		Estimate	Lower CL	Upper CL	p-value	Estimate	Lower CL	Upper CL	p-value	p-int
	Main	0.96	0.85	1.09	0.56	1.08	0.84	1.39	0.55	0.23
	Ding	1.04	0.92	1.16	0.54	0.96	0.75	1.23	0.73	0.85
	Hirsch									
	Less	0.99	0.92	1.07	0.84	0.91	0.8	1.04	0.16	0.11
	More	0.94	0.87	1.02	0.13	0.78	0.69	0.89	<0.001	0.02
Hypertension		Estimate	Lower CL	Upper CL	p-value	Estimate	Lower CL	Upper CL	p-value	p-int
	Main	0.95	0.85	1.07	0.41	0.85	0.59	1.23	0.39	0.44
	Ding	0.93	0.84	1.02	0.13	0.78	0.56	1.08	0.14	0.28
	Hirsch									
	Less	0.96	0.91	1.03	0.25	1.00	0.85	1.19	0.97	0.001
	More	0.89	0.83	0.94	<0.001	0.91	0.78	1.05	0.19	0.24
Obesity		Estimate	Lower CL	Upper CL	p-value	Estimate	Lower CL	Upper CL	p-value	p-int
	Main	0.87	0.78	0.97	0.01	0.93	0.73	1.19	0.58	0.99
	Ding	0.90	0.82	0.99	0.04	0.90	0.7	1.15	0.40	0.84
	Hirsch									
	Less	0.95	0.89	1.01	0.08	0.97	0.85	1.10	0.63	0.83
	More	0.86	0.80	0.91	<0.001	0.89	0.79	1.01	0.07	0.47
Depression		Estimate	Lower CL	Upper CL	p-value	Estimate	Lower CL	Upper CL	p-value	p-int
	Main	1.01	0.89	1.15	0.85	1	0.75	1.34	1.00	0.43

<b>Ding</b>	1.03	0.92	1.15	0.59	1.15	0.87	1.52	0.32	0.58
<b>Hirsch</b>									
Less	1.05	0.98	1.13	0.17	0.93	0.8	1.07	0.31	0.06
More	1.09	1.01	1.17	0.02	0.94	0.82	1.07	0.36	0.04
<b>Asthma</b>	Estimate	Lower CL	Upper CL	p-value	Estimate	Lower CL	Upper CL	p-value	p-int
<b>Main</b>	1.08	0.93	1.25	0.32	0	0	Inf	0.16	0.09
<b>Ding</b>	1.10	0.97	1.25	0.14	1.11	0.8	1.53	0.54	0.46
<b>Hirsch</b>									
Less	0.99	0.91	1.08	0.76	1.01	0.85	1.2	0.92	0.16
More	0.99	0.91	1.08	0.86	0.81	0.68	0.97	0.02	0.32
<b>Emergency Department</b>	Estimate	Lower CL	Upper CL	p-value	Estimate	Lower CL	Upper CL	p-value	p-int
<b>Main</b>	1.07	0.98	1.17	0.14	1.27	1.01	1.59	0.04	0.51
<b>Ding</b>	1.07	0.98	1.16	0.12	1.23	0.98	1.55	0.08	0.30
<b>Hirsch</b>									
Less	1.03	0.98	1.09	0.24	1.01	0.90	1.13	0.86	0.58
More	1.10	1.04	1.16	<0.001	0.99	0.89	1.11	0.90	0.14
<b>Inpatient Department</b>	Estimate	Lower CL	Upper CL	p-value	Estimate	Lower CL	Upper CL	p-value	p-int
<b>Main</b>	1.04	0.91	1.20	0.53	Inf	0	Inf	0.06	0.94
<b>Ding</b>	1.04	0.91	1.17	0.59	0	0	0	0.05	0.87
<b>Hirsch</b>									
Less	1.04	0.95	1.13	0.41	1.06	0.93	1.20	0.37	0.33
More	1.01	0.93	1.11	0.78	0.99	0.87	1.11	0.82	0.40
<b>Outpatient Department</b>	Estimate	Lower CL	Upper CL	p-value	Estimate	Lower CL	Upper CL	p-value	p-int
<b>Main</b>	0.91	0.84	0.98	0.01	0.97	0.86	1.1	0.64	0.26
<b>Ding</b>	0.99	0.92	1.06	0.70	0.92	0.82	1.05	0.22	0.19
<b>Hirsch</b>									
Less	0.98	0.94	1.02	0.29	0.98	0.93	1.05	0.61	0.58
More	0.98	0.94	1.02	0.39	0.99	0.93	1.06	0.87	0.74

Models adjusted for age, ICE, sex, insurance status, and the individual-level clustering effect.

\* Estimate refers to effect of gentrification for distinct definitions of gentrification

Supplement 6b: Association between gentrification and health and health care utilization stratified by sex

		Male				Female				
CVD		Estimate	Lower CL	Upper CL	p-value	Estimate	Lower CL	Upper CL	p-value	p-int
	Main	0.92	0.69	1.23	0.57	0.93	0.74	1.17	0.55	0.94
	Ding	1.10	0.85	1.43	0.47	1.10	0.88	1.37	0.40	0.90
	Hirsch									
	Less	1.01	0.85	1.19	0.95	1.06	0.93	1.2	0.39	0.59
	More	1.06	0.91	1.25	0.45	0.97	0.85	1.1	0.59	0.26
Diabetes		Estimate	Lower CL	Upper CL	p-value	Estimate	Lower CL	Upper CL	p-value	p-int
	Main	1.02	0.85	1.23	0.83	0.98	0.84	1.14	0.79	0.68
	Ding	1.05	0.89	1.23	0.59	1.08	0.94	1.25	0.26	0.64
	Hirsch									
	Less	0.87	0.78	0.98	0.02	1.03	0.95	1.12	0.47	<b>0.01</b>
	More	0.87	0.78	0.97	0.01	0.92	0.84	1.01	0.07	0.44
Hypertension		Estimate	Lower CL	Upper CL	p-value	Estimate	Lower CL	Upper CL	p-value	p-int
	Main	0.90	0.77	1.05	0.17	1.02	0.88	1.19	0.75	0.06
	Ding	0.92	0.81	1.05	0.22	0.96	0.84	1.09	0.53	0.92
	Hirsch									
	Less	0.98	0.9	1.06	0.59	0.97	0.9	1.05	0.49	0.62
	More	0.91	0.84	0.99	0.03	0.88	0.81	0.95	0.001	<b>0.002</b>
Obesity		Estimate	Lower CL	Upper CL	p-value	Estimate	Lower CL	Upper CL	p-value	p-int
	Main	0.82	0.7	0.95	0.01	0.95	0.83	1.08	0.42	0.09
	Ding	0.96	0.84	1.09	0.51	0.93	0.82	1.05	0.23	0.55
	Hirsch									
	Less	0.90	0.83	0.98	0.02	0.97	0.9	1.04	0.37	<b>0.05</b>
	More	0.89	0.82	0.97	0.01	0.84	0.78	0.91	<0.001	<b>&lt;0.001</b>
Depression		Estimate	Lower CL	Upper CL	p-value	Estimate	Lower CL	Upper CL	p-value	p-int
	Main	0.93	0.76	1.15	0.51	1.12	0.96	1.3	0.14	0.13

	<b>Ding Hirsch</b>		1.01	0.85	1.2	0.93	1.15	1.01	1.32	0.03	0.24
	Less		1.00	0.89	1.12	0.97	1.03	0.95	1.12	0.44	0.61
	More		1.09	0.97	1.21	0.13	1.05	0.97	1.14	0.23	0.30
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<b>Asthma</b>		Estimate	Lower CL	Upper CL	p-value	Estimate	Lower CL	Upper CL	p-value	p-int	
<b>Main</b>			1.07	0.84	1.35	0.58	1.02	0.86	1.22	0.8	0.80
<b>Ding Hirsch</b>			1.10	0.90	1.35	0.36	1.16	0.99	1.35	0.06	0.83
Less			0.91	0.79	1.05	0.20	1.05	0.96	1.16	0.30	0.07
More			0.95	0.83	1.09	0.51	0.97	0.88	1.07	0.58	0.88
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<b>Emergency Department</b>		Estimate	Lower CL	Upper CL	p-value	Estimate	Lower CL	Upper CL	p-value	p-int	
<b>Main</b>			0.98	0.87	1.11	0.78	1.22	1.08	1.37	0.001	<b>0.01</b>
<b>Ding Hirsch</b>			1.09	0.98	1.22	0.11	1.11	1.00	1.24	0.06	0.99
Less			1.03	0.96	1.11	0.45	1.03	0.96	1.09	0.46	0.81
More			1.10	1.02	1.18	0.01	1.09	1.02	1.16	0.01	0.82
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<b>Inpatient Department</b>		Estimate	Lower CL	Upper CL	p-value	Estimate	Lower CL	Upper CL	p-value	p-int	
<b>Main</b>			1.11	0.92	1.34	0.28	1.07	0.92	1.26	0.38	0.85
<b>Ding Hirsch</b>			1.20	1.02	1.42	0.03	1.00	0.86	1.16	0.98	0.15
Less			1.04	0.93	1.17	0.45	1.05	0.96	1.15	0.32	0.94
More			0.98	0.87	1.09	0.68	1.05	0.95	1.15	0.36	0.72
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<b>Outpatient Department</b>		Estimate	Lower CL	Upper CL	p-value	Estimate	Lower CL	Upper CL	p-value	p-int	
<b>Main</b>			0.97	0.86	1.10	0.66	0.91	0.85	0.99	0.03	0.63
<b>Ding Hirsch</b>			0.99	0.89	1.10	0.87	0.98	0.91	1.06	0.64	0.87
Less			0.97	0.92	1.03	0.35	0.98	0.94	1.02	0.26	0.76

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More	0.95	0.90	1.00	0.06	1.00	0.96	1.05	0.99	0.78
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Models adjusted for age, race, ICE, sex, insurance status, and the individual-level clustering effect.

\* Estimate refers to effect of gentrification for distinct definitions of gentrification



**Supplement 6c: Association between gentrification and health and health care utilization stratified by race**

Non-Black					Black					
CVD		Estimate	Lower CL	Upper CL	p-value	Estimate	Lower CL	Upper CL	p-value	p-int
	Main	0.43	0.17	1.08	0.07	1.00	0.83	1.20	0.98	0.07
	Ding	0.90	0.61	1.32	0.58	1.16	0.96	1.40	0.12	0.12
	Hirsch									
	Less	1.00	0.83	1.20	1.00	1.07	0.94	1.20	0.30	0.56
	More	0.92	0.80	1.07	0.30	1.10	0.96	1.27	0.17	0.05
Diabetes										
	Main	0.83	0.57	1.20	0.31	1.03	0.91	1.17	0.66	0.32
	Ding	1.05	0.85	1.30	0.64	1.06	0.94	1.2	0.350	0.78
	Hirsch									
	Less	0.99	0.88	1.12	0.89	0.96	0.89	1.04	0.340	0.50
	More	0.84	0.75	0.93	<0.001	1.02	0.93	1.12	0.710	<0.001
Hypertension										
	Main	0.86	0.63	1.18	0.36	0.98	0.87	1.10	0.74	0.65
	Ding	0.87	0.73	1.04	0.12	0.96	0.86	1.08	0.52	0.46
	Hirsch									
	Less	1.05	0.95	1.16	0.31	0.93	0.87	1	0.06	0.03
	More	0.87	0.8	0.94	<0.001	0.97	0.89	1.05	0.43	<0.001
Obesity										
	Main	0.86	0.63	1.15	0.31	0.92	0.82	1.02	0.10	0.91
	Ding	0.85	0.72	1.01	0.06	0.98	0.88	1.09	0.66	0.29
	Hirsch									
	Less	0.97	0.88	1.06	0.48	0.93	0.87	1.00	0.05	0.49
	More	0.88	0.81	0.95	0.002	0.92	0.85	0.99	0.03	<0.001
Depression										

	<b>Main</b>	0.93	0.66	1.3	0.66	1.07	0.94	1.22	0.28	0.67
	<b>Ding</b>	1.05	0.87	1.27	0.58	1.12	0.98	1.27	0.09	0.85
	<b>Hirsch</b>									
	Less	1.12	1.01	1.25	0.04	0.96	0.89	1.05	0.41	0.03
	More	1.08	0.99	1.18	0.09	1.08	0.98	1.19	0.14	0.97
<b>Asthma</b>										
	<b>Main</b>	1.25	0.81	1.92	0.31	1.01	0.88	1.17	0.85	0.25
	<b>Ding</b>	1.17	0.92	1.49	0.19	1.12	0.97	1.29	0.12	0.71
	<b>Hirsch</b>									
	Less	0.95	0.82	1.09	0.48	1.03	0.94	1.13	0.57	0.35
	More	0.92	0.82	1.04	0.20	1.01	0.9	1.13	0.86	0.39
<b>Emergency Department</b>										
	<b>Main</b>	0.94	0.72	1.23	0.66	1.15	1.05	1.26	0.003	0.48
	<b>Ding</b>	1.05	0.90	1.23	0.53	1.12	1.02	1.22	0.01	0.42
	<b>Hirsch</b>									
	Less	1.22	1.11	1.33	<0.001	0.96	0.91	1.02	0.22	<0.001
	More	1.08	1.00	1.16	0.05	1.16	1.09	1.24	<0.001	0.002
<b>Inpatient Department</b>										
	<b>Main</b>	1.00	0.68	1.47	0.99	1.11	0.98	1.27	1.00	0.76
	<b>Ding</b>	1.08	0.86	1.36	0.49	1.08	0.95	1.23	0.25	0.84
	<b>Hirsch</b>									
	Less	1.15	1.01	1.31	0.03	1.01	0.92	1.10	0.88	0.08
	More	1.00	0.9	1.11	1.00	1.08	0.98	1.19	0.11	0.03
<b>Outpatient Department</b>										
	<b>Main</b>	0.9	0.67	1.19	0.45	0.94	0.87	1	0.05	0.94
	<b>Ding</b>	1.03	0.92	1.16	0.60	0.96	0.89	1.03	0.26	0.17