

# PSYCHOTHERAPISTS OF NEW YORK CITY

Insights from "Scraping" Psychology Today's Website "Find a Therapist" for New York City Zip Codes

# About the Project

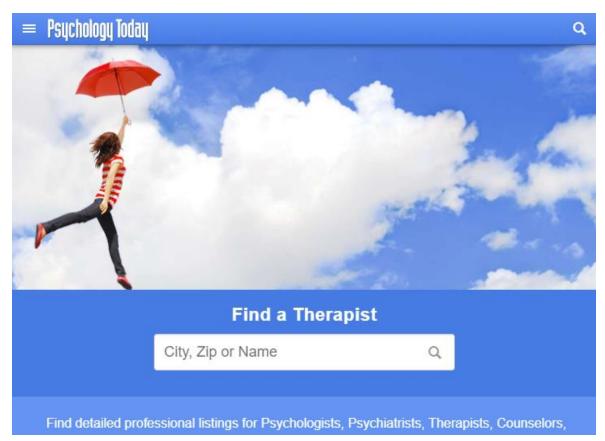
New York is a city with a well-established 'talk therapy' tradition. But who are those therapists? Information is hard to find.



Google it – you find next to nothing! What degrees do they have? What patient Where did types do they they study? prefer? Who are they? What are How much their areas of do they specialty? charge? What Insurances do they accept?



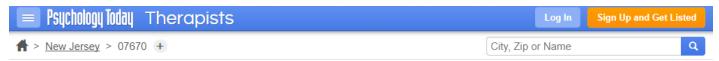




Psychology Today's "Find a therapist" website is the premium self-advertising platform for psychotherapists.



#### Example: Results of therapist search in one zip code



#### Therapists in 07670



- Any Insurance
- BlueCross and BlueShield
- Cigna
- Medicare
- Aetna
- More +

#### Issues

- ADHD
- Addiction
- Anger Management
- Anxiety
- Child or Adolescent
- Depression
- Eating Disorders

  Polationabin Jacob
- Relationship Issues
- More +

#### Sexuality

- Gay
- More +

#### Gender



#### Alexandra Dimant

Clinical Social Work/Therapist, LCSW

"I believe that my work is in helping clients walk less blindly through life. I try to ask questions to clarify the principles underlying the ways they relate to the world and others. I help not only with common problems



#### (646) 606-2466

Tenafly, New Jersey 07670

View Profile Email



#### Vic Chaperon

Clinical Social Work/Therapist, LCSW-R

"Welcome!! Searching for the right therapist can be such an overwhelming process yet the fact that you're searching shows your resilience! I thoroughly enjoy working with all diverse cultures while



#### (917) 960-9927

Tenafly, New Jersey 07670

View Profile Email



#### Elena Kardonsky

Clinical Social Work/Therapist, MSW, LCSW

"As a professional psychotherapist I offer psychological counseling, support and empowerment, and help you to paying the through the most



#### (917) 612-7100

Tenafly New Jersey 07670

#### Example: Psychology Today page of one psychotherapist





Email Me

Send to Friend

Set Up Video Call

Website

#### Alexandra Dimant

Clinical Social Work/Therapist, LCSW



(646) 606-2466

✓ Verified by Psychology Today

About Photos

I believe that my work is in helping clients walk less blindly through life. I try to ask questions to clarify the principles underlying the ways they relate to the world and others. I help not only with common problems (anxiety, depression, PTSD, phobias, OCD, etc.) but also work with those whose issues are not easily captured by a diagnosis and are existential in nature. The so-called "worried well" come to uncover and work through the sources of internal struggles, in order to become their best selves and live a more fulfilling life. I am fully bilingual and practice in both English and Russian.

I tailor my approach to the specific needs and style of each patient. Thus, I can help with a localized problem using EMDR or CBT methods or untangle a deeper issue using existentialist and insight-oriented approaches. I am trained in the treatment of postpartum stress and help women in the first months after delivery.

I often incorporate elements of Western and Eastern philosophies to help elucidate the essential questions of Being we all grapple with. It has also been helpful to use meditation in my work, whether to foster relaxation or to help people gain greater clarity and mindfulness in their everyday life.

#### Location

Alexandra Dimant 116 Magnolia Avenue Tenafly, New Jersey 07670 (646) 606-2466

Email Me

Show Map

Nearby Areas

#### Additional Location

Alexandra Dimant 311A West 50th Street New York, New York 10019 (646) 606-2466

Show Map



#### Specialties

- Anxiety
- Depression
- Trauma and PTSD





#### Psychology Today page of one psychotherapist (cont'd 1)







Take the first step to help. Call or Email Alexandra Dimant now - (646) 606-2466

#### Qualifications

Years in Practice: 15 Years School: New York University Year Graduated: 2002

License No. and State: 44SC05345700 New Jersey

#### Issues

- Behavioral Issues
- · Career Counseling
- · Child or Adolescent
- Codependency
- Divorce
- · Family Conflict
- Grief
- · Life Transitions
- Obsessive-Compulsive (OCD)
- Parenting

#### Mental Health

Mood Disorders

- · Peer Relationships
- Postpartum Depression
- Pregnancy, Prenatal, Postpartum
- · Relationship Issues
- · Self Esteem
- Sexual Abuse
- Spirituality
- Suicidal Ideation
- · Women's Issues

#### Client Focus

Alternative Languages: Russian

#### Age

- · Adolescents / Teenagers (14 to 19)
- Adults
- Elders (65+)

#### Treatment Approach

#### Treatment Orientation

- Cognitive Behavioral (CBT)
- EMDR
- Eclectic

#### Psychology Today page of one psychotherapist (cont'd 2)



#### Qualifications

Years in Practice: 15 Years School: New York University Year Graduated: 2002

License No. and State: 44SC05345700 New Jersey

#### Finances

Avg Cost (per session): \$120 - \$160

Sliding Scale: Yes Accepts Insurance: Yes

#### Accepted Insurance Plans

Aetna

BlueCross and BlueShield

CignaOptum

Oxford

UnitedHealthcare

Out of Network

Verify your health insurance coverage when you arrange your first visit.

#### Additional Credentials

License No. and State: 073217 New York State

Certificate: The Postpartum Stress Center/Certificate of Completion

Certificate Date: 2010

#### Treatment Approach

#### Treatment Orientation

- · Cognitive Behavioral (CBT)
- EMDR
- Eclectic
- Existential
- Humanistic
- Interpersonal
- Mindfulness-based (MBCT)
- Psychodynamic
- Relational

#### Modality

- · Individuals
- Couples
- Family

#### **Project Steps**



Scraped all therapists in New York city zip codes on October 17-19, 2017.

Web Scraping
Psychology Today

**Data Cleaning** 

Cleaned non-standard open-end entries by therapists

Analyzed the data & created graphics.

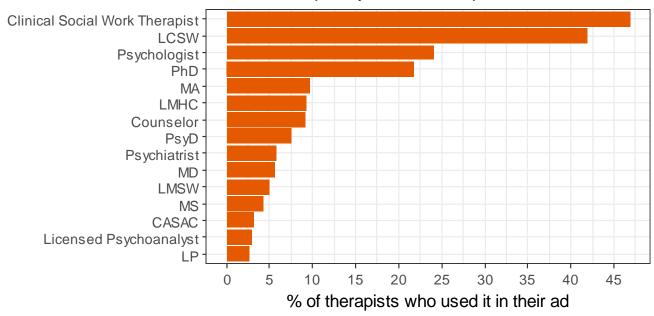
Analysis & Visualization

# NYC Psychotherapists: Who Are They?





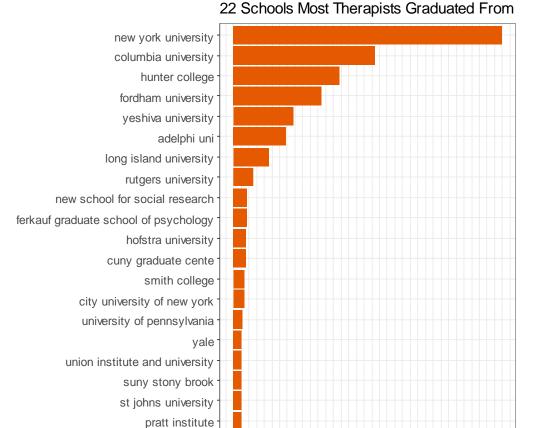
#### 15 Most Frequently Used Therapist Titles



- Mostly Clinical Social Workers;
- followed by Clinical Psychologists (PhD)

#### Where did they study?

- Mostly schools in or around New York city
- NYU is in the lead



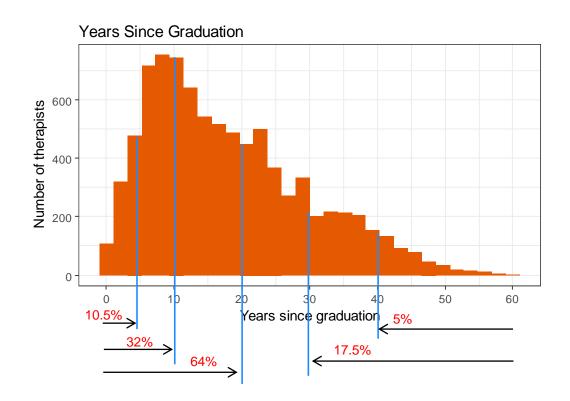
pace university

mount sinai medical center





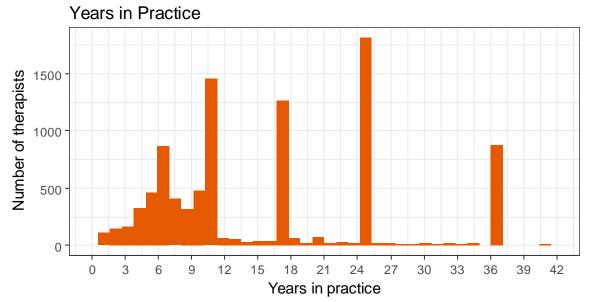




- Year of graduation is a "writein" field
- Distribution looks normal



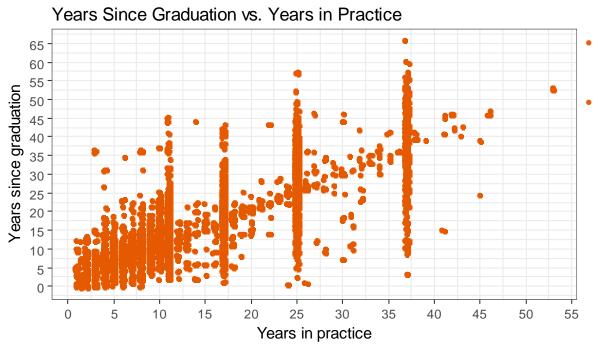




- Year they started their practice is also a "write-in" field.
- Weird spikes around 11,17, 25 and 37 years in practice.





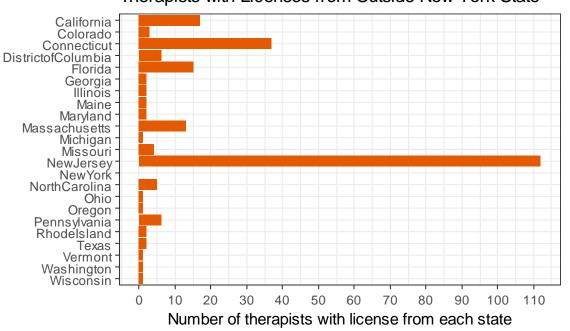


- They are correlated at 0.84, but:
- No explanation for weird spikes around 11,17, 25 and 37 years in practice.

# If you are practicing psychotherapy in NY State without a NY license, you are breaking the law, but...



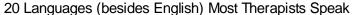
#### Therapists with Licenses from Outside New York State

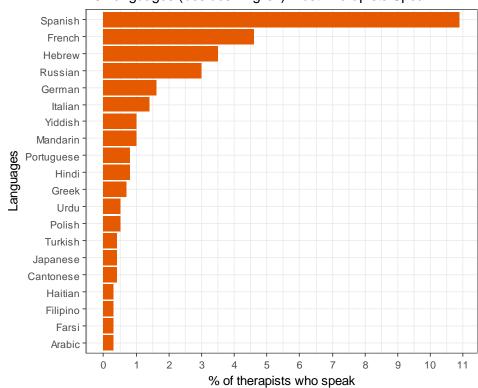


- 236 therapist (1.9%) listed licenses from states outside NY
- Additional 379 therapists (3%) listed no license at all
- Are 4.9% of therapists breaking the law?
- Most of non-NY state licenses are from NJ, followed by Connecticut

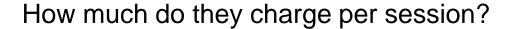


#### Other languages therapists say they speak besides English





### NYC Psychotherapists: Fees & Insurance Plans





#### Per one session fees listed ranged:

- on average, from \$135 to \$199
- Maximum fee listed was \$500
- Minimum fee listed was \$20
- 80% said they use sliding scale (i.e., willing to charge less in certain circumstances)



#### How much do they charge per session? Do they accept insurance?

#### Per one session fees listed ranged:

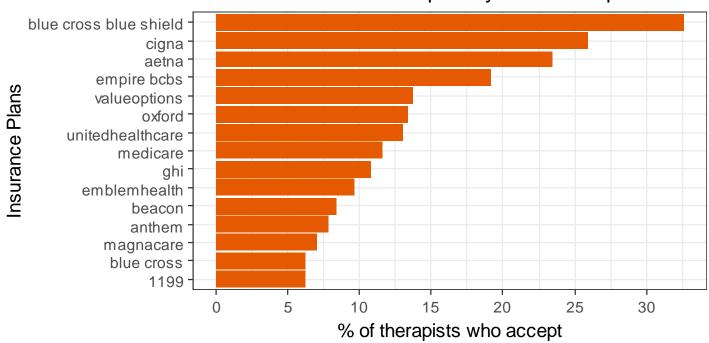
- on average, from \$135 to \$199.
- Maximum fee listed was \$500.
- Minimum fee listed was \$20.
- 80% said they use sliding scale (i.e., willing to charge less in certain circumstances).

- 71% of therapists say they accept insurance.
- But only 50% list at least one insurance plan they actually accept.
- Thus, 21% are not truly accepting insurance, despite their claim they do.





#### 15 Insurance Plans Accepted by Most Therapists

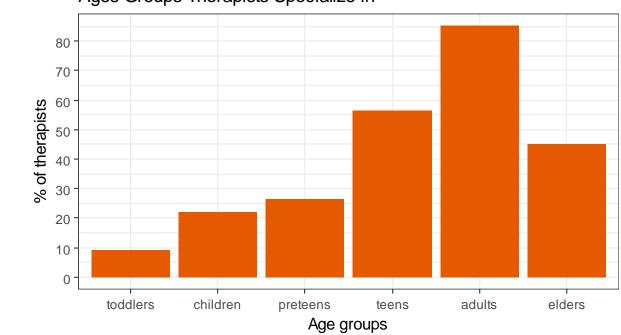


# NYC Psychotherapists – Who Do They Focus on?



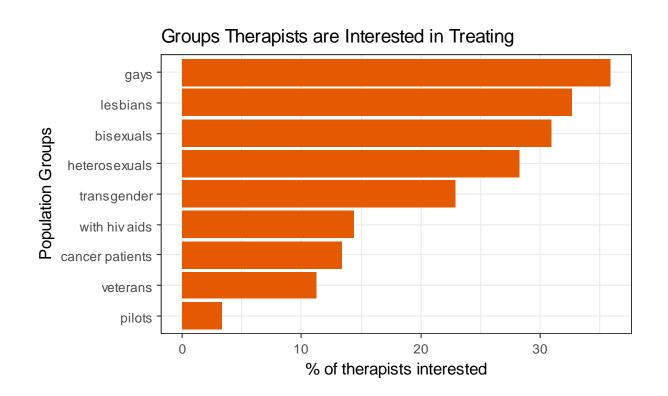


#### Ages Groups Therapists Specialize in





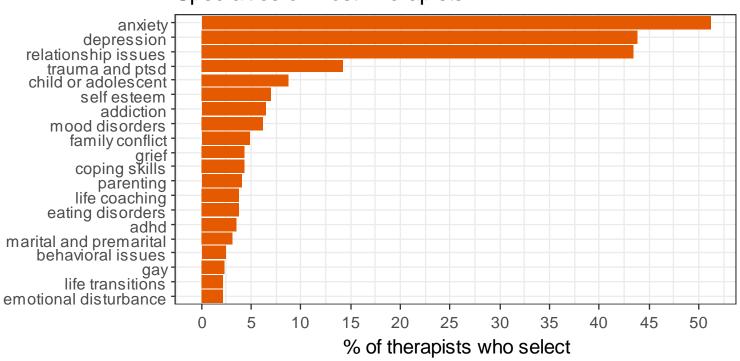
#### Special population groups they are interested in treating





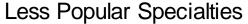
#### Most popular (among therapists) therapeutic areas of specialty

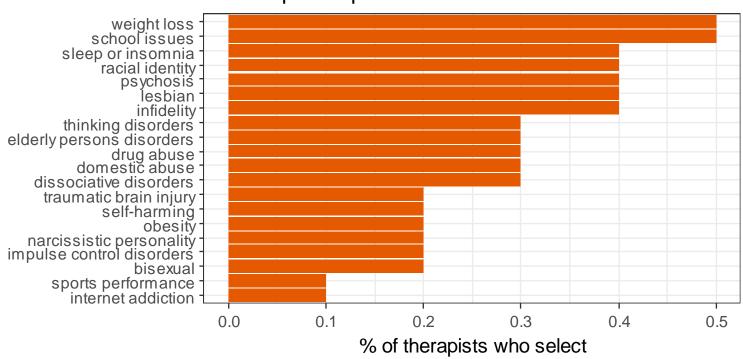
#### Specialties of Most Therapists





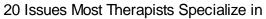
#### Less popular (among psychotherapist) specialty areas

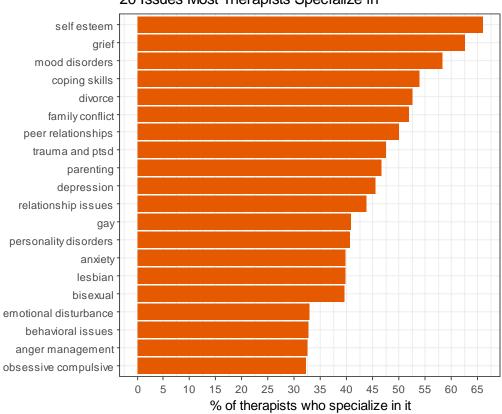






#### Issues therapists specialize in

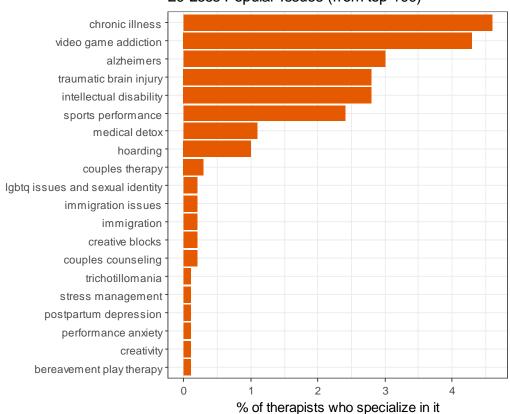


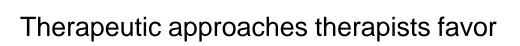






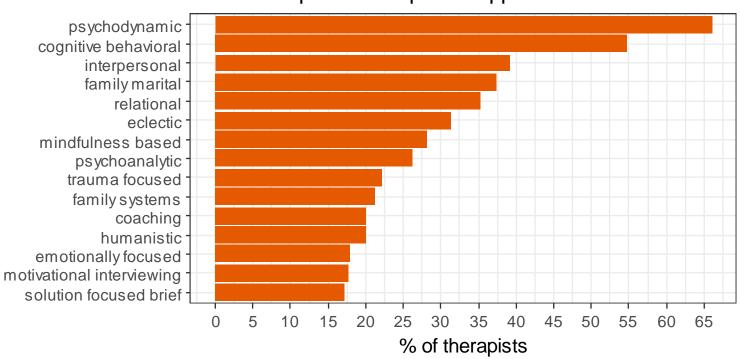
20 Less Popular Issues (from top 100)







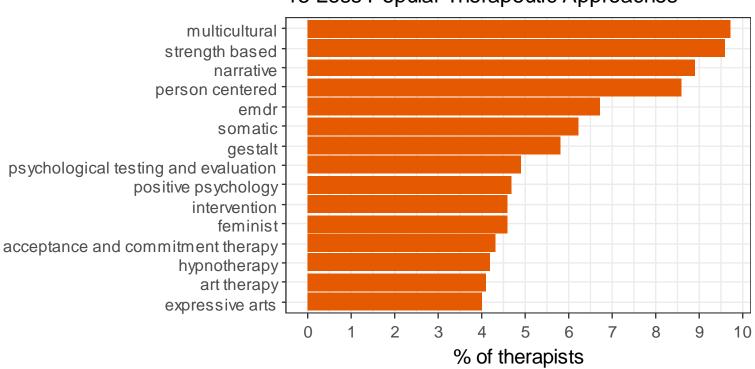
#### 15 Most Popular Therapeutic Approaches





#### Less popular therapeutic approaches

#### 15 Less Popular Therapeutic Approaches



# NYC Psychotherapists: What Zip Codes Have More Therapists?

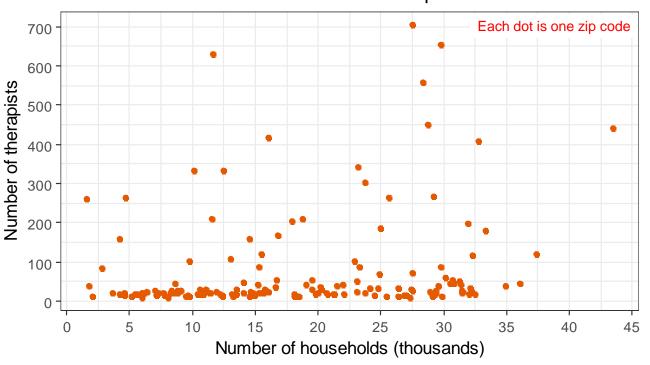
Is the world just? Do zip codes with higher population have more therapists?



# Is the world just? Do zip codes with higher population have more therapists?



#### Number of Housholds vs. Number of Therapists

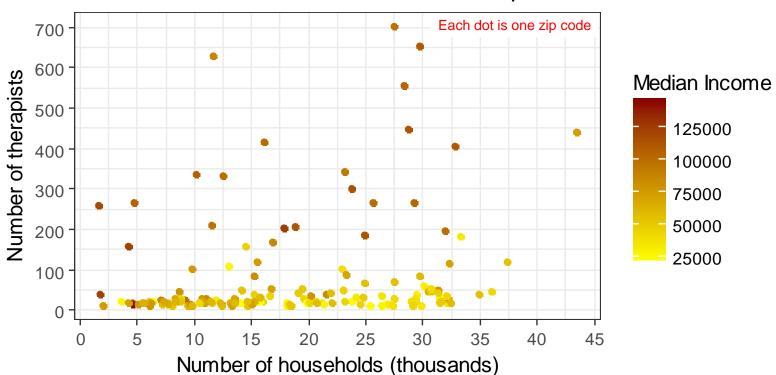


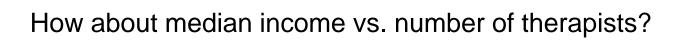
- No justice!
- Correlation of just 0.20
- Many zip codes with large population but few therapists
- Maybe median income per zip code also has an impact?



#### No wonder: Richer (darker) zip codes have more therapists

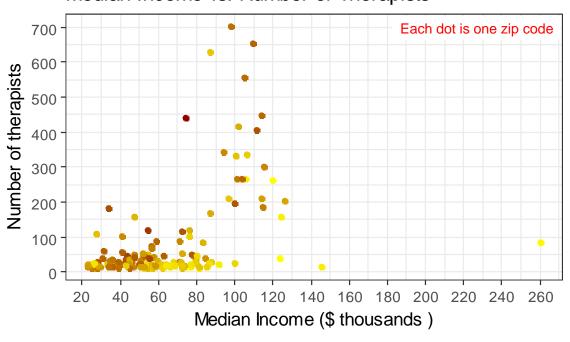
#### Number of Housholds vs. Number of Therapists







#### Median Income vs. Number of Therapists



- Correlation of 0.48 (!)
- If both are logged, correlation is 0.51

HH count

40000

30000

20000

10000

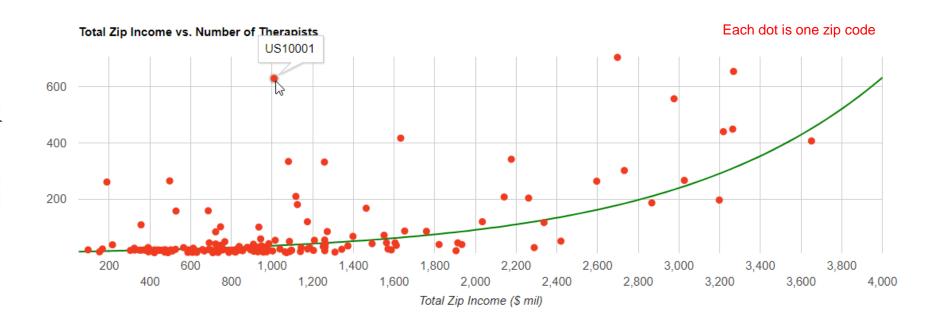
- Higher income → more therapists
- Clearly, both population size AND income impact the number of therapists.

# Number of Therapists



#### How about TOTAL income vs. number of therapists?

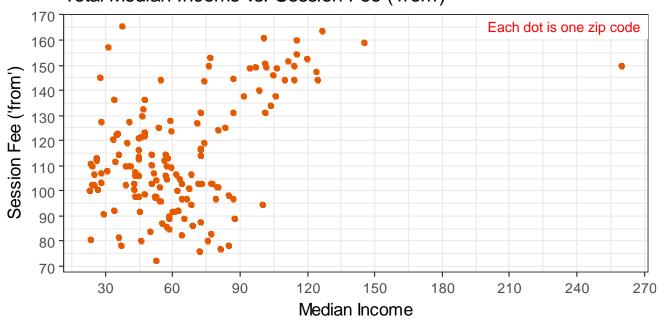
- Total income proxy = median income \* number of households
- Correlation of 0.63 (!)







#### Total Median Income vs. Session Fee ('from')

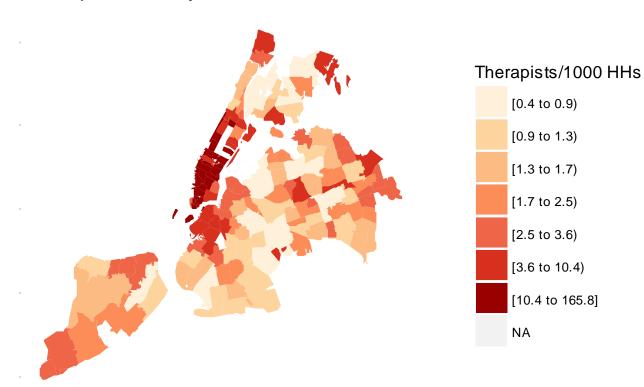


- Correlation of 0.44
- Higher income is associated with higher fees



#### Visualization of "therapist density" in NYC by zip code

#### Therapist Density in NYC

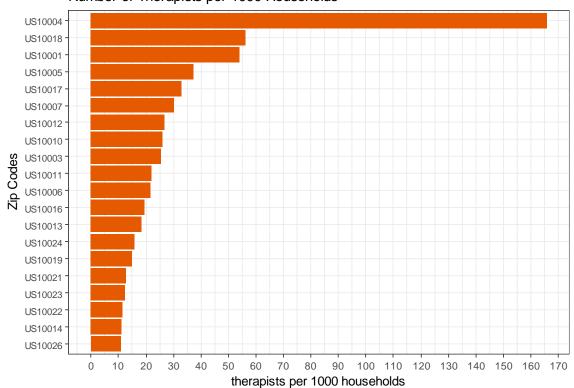


 "Density" = number of therapists per 1000 households







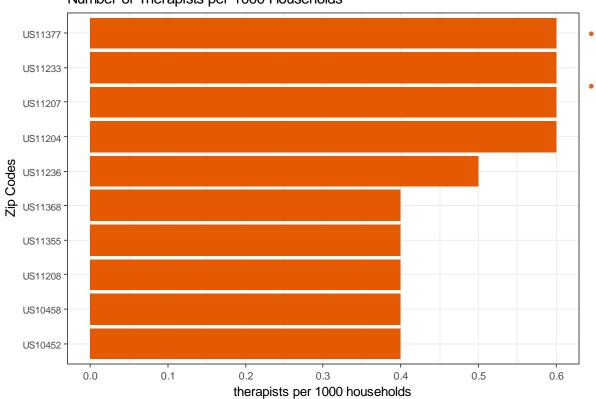


- "Density" = number of therapists per 1000 households
- All these top zip codes are rich Manhattan zip codes





#### Number of Therapists per 1000 Households



- "Density" = number of therapists per 1000 households
- All these top zip codes are the poorest neighborhoods and they are outside Manhattan.

# GFK

#### Directions for future research

- How do specialties / approaches / issues cluster?
- What therapist characteristics predict session fee and/or acceptance of insurance, and how?
- Collect additional data at zip level, e.g., number of people working in each zip code, to further study possible causes of differing therapist density.

#### Practical Implications of this data set:

 Therapist considering opening a practice in a given NYC zip code could gain valuable insights that allow them to differentiate themselves from competitors.

# THANK YOU! Q&A