* The difficulty of neighborhood study:
  + Oakes, J. M., Andrade, K. E., Biyoow, I. M., & Cowan, L. T. (2015). Twenty years of neighborhood effect research: an assessment. *Current epidemiology reports*, *2*(1), 80-87.
    - There is a vast literature of Neighborhood Effects studies dating back to the early 90s. Many included either correlative analysis that had shallow results or costly experimental programs that gave mixed if not confusing results.
  + Kwan, M. P. (2018). The limits of the neighborhood effect: Contextual uncertainties in geographic, environmental health, and social science research. *Annals of the American Association of Geographers*, *108*(6), 1482-1490.
    - Bias can arise from positive publication effects, temporal effects, overgeneralization, zone homogeneity and others. Read paper for more.
  + Mooney, S. J., Richards, C. A., & Rundle, A. G. (2014). There goes the neighborhood effect: bias due to non-differential measurement error in the construction of neighborhood contextual measures. *Epidemiology (Cambridge, Mass.)*, *25*(4), 528.
    - Percentage based breaks with dichotomous variables indicating contextual circumstances cause a bias away from the null.
  + Chaix, B., Billaudeau, N., Thomas, F., Havard, S., Evans, D., Kestens, Y., & Bean, K. (2011). Neighborhood effects on health: correcting bias from neighborhood effects on participation. *Epidemiology*, 18-26.
    - Neighborhood characteristics may influence participation rates. Knowing them and adapting data collection and variable choice to it may reduce bias.
* Contextual Reason:
  + Hwang, T. J., Rabheru, K., Peisah, C., Reichman, W., & Ikeda, M. (2020). Loneliness and social isolation during the COVID-19 pandemic. *International psychogeriatrics*, *32*(10), 1217-1220.
    - Covid 19 caused high levels of cardiovascular diseases and suicide risk.
  + Kotwal, A. A., Holt‐Lunstad, J., Newmark, R. L., Cenzer, I., Smith, A. K., Covinsky, K. E., ... & Perissinotto, C. M. (2021). Social isolation and loneliness among San Francisco Bay Area older adults during the COVID‐19 shelter‐in‐place orders. *Journal of the American Geriatrics Society*, *69*(1), 20-29.
    - More than 50% of participants showed higher levels of loneliness and health decreases. Less loneliness was experienced by resilient persons and people supported by social and technological systems.
* How does where you live affect your health?
  + Matthews, S. A., & Yang, T. C. (2010). Exploring the role of the built and social neighborhood environment in moderating stress and health. *Annals of Behavioral Medicine*, *39*(2), 170-183.
    - Stress and low SES causes worse health outcomes, but these are dependent on the interaction between individual perception and the physical environment.
  + Andersen, S. W., Blot, W. J., Shu, X. O., Sonderman, J. S., Steinwandel, M., Hargreaves, M. K., & Zheng, W. (2018). Associations between neighborhood environment, health behaviors, and mortality. *American journal of preventive medicine*, *54*(1), 87-95.
    - Neighborhood facilitators to bad health would make people living in them more likely to have bad health
  + Bilger, M., & Carrieri, V. (2013). Health in the cities: when the neighborhood matters more than income. *Journal of Health Economics*, *32*(1), 1-11.
    - Neighborhoods with little to no support have the same effect as low education in higher health problems.
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