

Supplementary Tables and Figures for Rationing Social Contact During the COVID-19 Pandemic: Transmission Risk and Social Benefits of US Locations

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Supplementary Tables and Figures

| Category Name | NAICS Codes | Total Visits Feb. 2020 |
|--------------------------------------|------------------------|---------------------------|
| Bars and nightclubs | 722400 | 14294093 |
| Museums | 712110 | 16808639 |
| Movie theaters | 512131 | 17628164 |
| Gambling locations (Casinos etc.) | 713200, 721120 | 21185754 |
| Office supply stores | 453210 | 21536208 |
| Amusement parks | 713100 | 25807889 |
| Book stores | 451211 | 29160860 |
| Electronics stores | 443100 | 29506230 |
| Barber shops and beauty salons | 812100 | 34053753 |
| Dentists | 621200 | 40435359 |
| Furniture and home goods stores | 442100, 442200 | 49751106 |
| Banks and other financial services | 522100, 523900, 523100 | 49797490 |
| Pet and pet supplies stores | 453910 | 54236550 |
| Liquor and Tobacco stores | 445300, 453991 | 57252260 |
| Sporting goods stores | 451110 | 70550605 |
| Clothing and shoe stores | 448100, 448200 | 85232888 |
| Department stores (e.g. Target) | 452200 | 1.002e+08 |
| Hardware stores | 444130 | 1.041e+08 |
| Child care and day care centers | 624400 | 1.066e+08 |
| Colleges and Universities | 611300 | 1.251e+08 |
| Places of worship | 813100 | 1.365e+08 |
| Automobile dealers & Auto repair | 441100, 441300, 811100 | 1.892e+08 |
| Parks and playgrounds | 712190 | 2.241e+08 |
| Cafes, Juice Bars, and Dessert | 722515 | 2.523e+08 |
| Gyms | 713940 | 2.961e+08 |
| Grocery stores (e.g. Supermarkets) | 445100 | 3.140e+08 |
| General Merchandise (e.g. Walmart) | 452300 | 3.559e+08 |
| Schools: K - 12 | 611100 | 4.391e+08 |
| Limited restaurants (e.g. fast food) | 722513 | 5.001e+08 |
| Full service restaurants (sit down) | 722511 | 8.847e+08 |

Table S1: List of categories and their constitutive NAICS industries, along with total visits to each type of location in February 2020. Also included are four location categories omitted from the main analysis

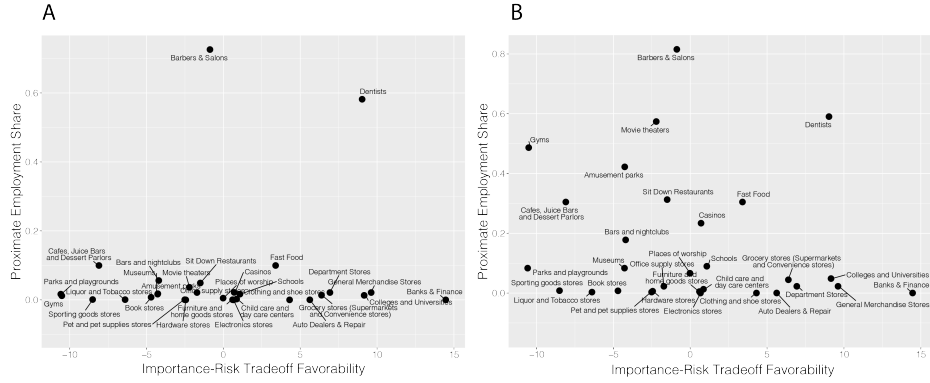


Figure S1: Share of employment by category requiring very high and moderately high physical proximity, plotted against the importance-risk tradeoff residual. Panel (A) uses a physical proximity score threshold of 90, and panel (B) uses a physical proximity score threshold of 80. Data is based on BLS OES employment by industry. Occupation required physical proximity is measured through the [O*NET physical proximity](#) item: “To what extent does this job require the worker to perform job tasks in close physical proximity to other people?” Industry occupational employment is derived from the [BLS OES May 2019 Release](#). The BLS OES does not provide detailed employment breakdowns for every six digit NAICs industry. For some categories, this means that we match to occupational employment mixes at a higher level of aggregation. Data retrieved 4-22-20.

The categories for which an exact match to BLS OES data were not possible are: Hardware stores (44130) were given the occupational mix of 444100; Grocery stores (445100) were mapped to category 4450A1; Book stores (451211) were mapped to 451200; Museums (712110) were mapped to 712100; Department stores (452200) were mapped to 452000; General goods stores (452300) were mapped to 452000; Office supply stores (453210) were mapped to 452000; Pet stores (453910) were mapped to 453910; Liquor stores (453991) were mapped to 453900; Banks (522100, 523900, 523100) were mapped to 522200 and 523000; Fast food and Cafes, juice bars and dessert parlors (722513 and 722515) were both mapped to 722500. All other industries were perfectly matched. Note that this imprecise matching only applies to this supplementary figure – economic census data used in the main text is perfectly matched by six digit NAICS.