

Israeli Peripherality Data

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Overview

This code book contains information on peripherality data from Israel in 2020. The data was procured from Israel's Central Bureau of Statistics (CBS) and was compiled by Natalia Tsibel on December 26, 2022. More information on data collection methods and the compilation process can be found by emailing the CBS at info@cbs.gov.il

Methodology

Demographic data was collected from Israel's localities, who report various demographic data to the central government annually.

Accessibility and proximity values are based on data received from regional councils, then calculated as a mean value for each localities within the regional council and weighted by population size.

Peripherality index values are calculated as the weighted sum of the standardized values of the potential accessibility index. 2/3 of the weight is the Accessibility Value, and 1/3 of the weight is proximity to the boundary of the Tel Aviv District.

All missing data is marked as "NA".

Code Book

Variable name: local_authority

Variable type: character

Description: Name of local authority, refers to the same metric as "region" or "regional authority."

Variable name: locality

Variable type: character

Description: Name of locality.

Variable name: locality_code

Variable type: numeric

Description: Government-assigned code to each locality.

Min	Mean	Median	Max	NAs
7	1411.1	813	9800	0

Variable name: municipal_status

Variable type: numeric

Description: Central-government designated number for regional jurisdiction.

Min	Mean	Median	Max	NAs
0	37.3	30	99	0

Variable name: population_2020

Variable type: numeric

Description: Number of residents per locality in 2020.

Min	Mean	Median	Max	NAs
54	7598	860	951149	0

Variable name: centrality

Variable type: factor

Description: Ranks distance from Tel Aviv. “Central” refers to localities within 75 kilometers of Tel Aviv, “Suburban” refers to localities 75-150 kilometers from Tel Aviv, and “Peripheral” refers to localities over 150 kilometers from Tel Aviv.

values	labels	freq	perc
1	Center	627	51.7
2	Suburban	512	42.2
3	Periphery	74	6.1

Variable name: km_from_tlv

Variable type: numeric

Description: The number of kilometers a region is from Tel Aviv.

Min	Mean	Median	Max	NAs
0	74.7	72.6	323	0

Variable name: prox_tlv_value

Variable type: numeric

Description: Standardized score (z-score) of a locality’s region’s distance from Tel Aviv.

Min	Mean	Median	Max	NAs
-5	0	0	1.5	0

Variable name: prox_tlv_rank

Variable type: numeric

Description: The variable **prox_tlv_rank** ranked, scale 1 to 1213.

Min	Mean	Median	Max	NAs
1	607	607	1207	0

Variable name: accessibility_value

Variable type: numeric

Description: A mean value for each locality within each regional council and weighted by population size. Determines accessibility to transportation infrastructure to Israel's center.

Min	Mean	Median	Max	NAs
-1.5	0	-0.2	6.7	0

Variable name: accessibility_rank

Variable type: numeric

Description: The variable `accessibility_value` ranked, scale 1 to 1213.

Min	Mean	Median	Max	NAs
1	607	607	1213	0

Variable name: peri_index_2020_value

Variable type: numeric

Description: A mean value for each locality within each regional council and weighted by population size, determines score on Israel's peripherality index for 2020.

Min	Mean	Median	Max	NAs
-2.5	0	-0.1	5	0

Variable name: peri_index_2020_rank

Variable type: numeric

Description: The variable `peri_index_2020_rank` ranked, scale 1 to 1213.

Min	Mean	Median	Max	NAs
1	607	607	1213	0