# Data dictionary of JHS neighborhood and census data

Jackson Heart Study (JHS) neighborhood and census data contains the neighborhood and US census information of JHS participants at the time when they participated in JHS exam 1 and exam 2. Each row represents a participant-exam combination. Addresses were obtained from JHS exams or follow ups. For exam 1, addresses are based on exam 1 addresses. For exam 2, the address for the closest follow-up was attributed to the time of the exam (see address document: *JHS addresses and NETS geocode\_documentation.doc* for details). The dataset contains a series of neighborhood variables created based on a survey on neighborhoods administered to JHS participants and neighborhood census information based on US census information from US Census 2000, the ACS (2005-2009) and the US Census 2010.

The JHS neighborhood and census dataset (*jhs\_nb\_cen.sas7bdat*) contains 9504 rows and 128 variables. These data represent a total of 5301 JHS participants, of which 4203 have information for both JHS exams 1 and exam 2, 1098 have information only on exam 1, and 0 have information on only exam 2. The data dictionary and the related reference documentation for variables are listed below. Details on how each variable was created can be found in these reference documents.

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| --- | --- | --- | --- |
| **NAME** | **LABEL** | **Additional Description** | **Reference** |
| **JHS participant information** |  |  |  |
| ID | Fake ID of JHS participant |  |  |
| Exam | Indicator on which the JHS clinic exam the participant was enrolled |  |  |
| STCOTRK | FIPS State, county, tract code |  | JHS addresses and NETS geocode\_documentation.doc |
| **Neighborhood Survey Score** |  |  |  |
| NDFA\_CEBE | Conditional Empirical Bayes Estimate (CEBE) for NB Disorder FA-based |  | Neighborhood Survey EB\_Estimates documntation.doc |
| NDFA\_CEBE\_N | # Of subjects for CEBE NB Disorder FA-based |  | Neighborhood Survey EB\_Estimates documntation.doc |
| NDFA\_SEBE | Spatial Empirical Bayes Estimate (SEBE) for NB Disorder FA-based |  | Neighborhood Survey EB\_Estimates documntation.doc |
| NDFA\_SEBE\_N | # Of subjects for SEBE NB Disorder FA-based |  | Neighborhood Survey EB\_Estimates documntation.doc |
| NDFA\_UEBE | Age & gender adjusted unconditional Empirical Bayes Estimate (UEBE) for NB Disorder FA-based |  | Neighborhood Survey EB\_Estimates documntation.doc |
| NDFA\_UEBE\_N | # Of subjects for age & gender adjusted UEBE NB Disorder FA-based |  | Neighborhood Survey EB\_Estimates documntation.doc |
| NDFA\_UEBE\_unadj | Unadjusted Unconditional Empirical Bayes Estimate (UEBE) for NB Disorder FA-based |  | Neighborhood Survey EB\_Estimates documntation.doc |
| NDFA\_UEBE\_unadj\_N | # Of subjects for unadjusted UEBE NB Disorder FA-based |  | Neighborhood Survey EB\_Estimates documntation.doc |
| NPPCA\_CEBE | Conditional Empirical Bayes Estimate (CEBE) for NB Problem PCA-based |  | Neighborhood Survey EB\_Estimates documntation.doc |
| NPPCA\_CEBE\_N | # Of subjects for CEBE NB Problem PCA-based |  | Neighborhood Survey EB\_Estimates documntation.doc |
| NPPCA\_SEBE | Spatial Empirical Bayes Estimate (SEBE) for NB Problem PCA-based |  | Neighborhood Survey EB\_Estimates documntation.doc |
| NPPCA\_SEBE\_N | # Of subjects for SEBE NB Problem PCA-based |  | Neighborhood Survey EB\_Estimates documntation.doc |
| NPPCA\_UEBE | Age & gender adjusted Unconditional Empirical Bayes Estimate (UEBE) for NB Problem PCA-based |  | Neighborhood Survey EB\_Estimates documntation.doc |
| NPPCA\_UEBE\_N | # Of subjects for age & gender adjusted UEBE NB Problem PCA-based |  | Neighborhood Survey EB\_Estimates documntation.doc |
| NPPCA\_UEBE\_unadj | Unadjusted Unconditional Empirical Bayes Estimate (UEBE) for NB Problem PCA-based |  | Neighborhood Survey EB\_Estimates documntation.doc |
| NPPCA\_UEBE\_unadj\_N | # Of subjects for unadjusted UEBE NB Problem PCA-based |  | Neighborhood Survey EB\_Estimates documntation.doc |
| NRFA\_CEBE | Conditional Empirical Bayes Estimate (CEBE) for NB Resources FA-based |  | Neighborhood Survey EB\_Estimates documntation.doc |
| NRFA\_CEBE\_N | # Of subjects for CEBE NB Resources FA-based |  | Neighborhood Survey EB\_Estimates documntation.doc |
| NRFA\_SEBE | Spatial Empirical Bayes Estimate (SEBE) for NB Resources FA-based |  | Neighborhood Survey EB\_Estimates documntation.doc |
| NRFA\_SEBE\_N | # Of subjects for SEBE NB Resources FA-based |  | Neighborhood Survey EB\_Estimates documntation.doc |
| NRFA\_UEBE | Age & gender adjusted Unconditional Empirical Bayes Estimate (UEBE) for NB Resources FA-based |  | Neighborhood Survey EB\_Estimates documntation.doc |
| NRFA\_UEBE\_N | # Of subjects for age & gender adjusted UEBE NB Resources FA-based |  | Neighborhood Survey EB\_Estimates documntation.doc |
| NRFA\_UEBE\_unadj | Unadjusted Unconditional Empirical Bayes Estimate (UEBE) for NB Resources FA-based |  | Neighborhood Survey EB\_Estimates documntation.doc |
| NRFA\_UEBE\_unadj\_N | # Of subjects for unadjusted UEBE NB Resources FA-based |  | Neighborhood Survey EB\_Estimates documntation.doc |
| NbDiso\_fa\_N | # Of subjects for Crude Mean NB Disorder FA-based |  | Neighborhood Survey EB\_Estimates documntation.doc |
| NbDiso\_fa\_RAW | Crude Mean Neighborhood (NB) Disorder FA-based |  | Neighborhood Survey EB\_Estimates documntation.doc |
| NbProb\_pca\_N | # Of subjects for Crude Mean NB Problem PCA-based |  | Neighborhood Survey EB\_Estimates documntation.doc |
| NbProb\_pca\_RAW | Crude Mean NB Problem PCA-based |  | Neighborhood Survey EB\_Estimates documntation.doc |
| NbRes\_fa\_N | # Of subjects for Crude Mean NB Resources FA-based |  | Neighborhood Survey EB\_Estimates documntation.doc |
| NbRes\_fa\_RAW | Crude Mean Neighborhood (NB) Resources FA-based |  | Neighborhood Survey EB\_Estimates documntation.doc |
| SCFA\_CEBE | Conditional Empirical Bayes Estimate (CEBE) for Social Cohesion FA-based |  | Neighborhood Survey EB\_Estimates documntation.doc |
| SCFA\_CEBE\_N | # Of subjects for CEBE Social Cohesion FA-based |  | Neighborhood Survey EB\_Estimates documntation.doc |
| SCFA\_SEBE | Spatial Empirical Bayes Estimate (SEBE) for Social Cohesion FA-based |  | Neighborhood Survey EB\_Estimates documntation.doc |
| SCFA\_SEBE\_N | # Of subjects for SEBE Social Cohesion FA-based |  | Neighborhood Survey EB\_Estimates documntation.doc |
| SCFA\_UEBE | Age & gender adjusted Unconditional Empirical Bayes Estimate (UEBE) for Social Cohesion FA-based |  | Neighborhood Survey EB\_Estimates documntation.doc |
| SCFA\_UEBE\_N | # Of subjects for age & gender adjusted UEBE Social Cohesion FA-based |  | Neighborhood Survey EB\_Estimates documntation.doc |
| SCFA\_UEBE\_unadj | Unadjusted Unconditional Empirical Bayes Estimate (UEBE) for Social Cohesion FA-based |  | Neighborhood Survey EB\_Estimates documntation.doc |
| SCFA\_UEBE\_unadj\_N | # Of subjects for unadjusted UEBE Social Cohesion FA-based - unadjusted for age & gender |  | Neighborhood Survey EB\_Estimates documntation.doc |
| SCPCA\_CEBE | Conditional Empirical Bayes Estimate (CEBE) for Social Cohesion PCA-based |  | Neighborhood Survey EB\_Estimates documntation.doc |
| SCPCA\_CEBE\_N | # Of subjects for CEBE Social Cohesion PCA-based |  | Neighborhood Survey EB\_Estimates documntation.doc |
| SCPCA\_SEBE | Spatial Empirical Bayes Estimate (SEBE) for Social Cohesion PCA-based |  | Neighborhood Survey EB\_Estimates documntation.doc |
| SCPCA\_SEBE\_N | # Of subjects for SEBE Social Cohesion PCA-based |  | Neighborhood Survey EB\_Estimates documntation.doc |
| SCPCA\_UEBE | Age & gender adjusted Unconditional Empirical Bayes Estimate (UEBE) for Social Cohesion PCA-based |  | Neighborhood Survey EB\_Estimates documntation.doc |
| SCPCA\_UEBE\_N | # Of subjects for age & gender adjusted UEBE Social Cohesion PCA-based |  | Neighborhood Survey EB\_Estimates documntation.doc |
| SCPCA\_UEBE\_unadj | Unadjusted Unconditional Empirical Bayes Estimate (UEBE) for Social Cohesion PCA-based |  | Neighborhood Survey EB\_Estimates documntation.doc |
| SCPCA\_UEBE\_unadj\_N | # Of subjects for unadjusted UEBE Social Cohesion PCA-based - unadjusted for age & gender |  | Neighborhood Survey EB\_Estimates documntation.doc |
| SocCo\_fa\_N | # Of subjects for Crude mean Social Cohesion FA-based |  | Neighborhood Survey EB\_Estimates documntation.doc |
| SocCo\_fa\_RAW | Crude Mean Social Cohesion FA-based |  | Neighborhood Survey EB\_Estimates documntation.doc |
| SocCo\_pca\_N | # Of subjects for Crude mean Social Cohesion PCA-based |  | Neighborhood Survey EB\_Estimates documntation.doc |
| SocCo\_pca\_RAW | Crude Mean Social Cohesion PCA-based |  | Neighborhood Survey EB\_Estimates documntation.doc |
| VOFA\_CEBE | Conditional Empirical Bayes Estimate (CEBE) for Violence FA-based |  | Neighborhood Survey EB\_Estimates documntation.doc |
| VOFA\_CEBE\_N | # Of subjects for CEBE Violence FA-based |  | Neighborhood Survey EB\_Estimates documntation.doc |
| VOFA\_SEBE | Spatial Empirical Bayes Estimate (SEBE) for Violence FA-based |  | Neighborhood Survey EB\_Estimates documntation.doc |
| VOFA\_SEBE\_N | # Of subjects for SEBE Violence FA-based |  | Neighborhood Survey EB\_Estimates documntation.doc |
| VOFA\_UEBE | Age & gender adjusted Unconditional Empirical Bayes Estimate (UEBE) for Violence FA-based |  | Neighborhood Survey EB\_Estimates documntation.doc |
| VOFA\_UEBE\_N | # Of subjects for age & gender adjusted UEBE Violence FA-based |  | Neighborhood Survey EB\_Estimates documntation.doc |
| VOFA\_UEBE\_unadj | Unadjusted Unconditional Empirical Bayes Estimate (UEBE) for Violence FA-based |  | Neighborhood Survey EB\_Estimates documntation.doc |
| VOFA\_UEBE\_unadj\_N | # Of subjects for unadjusted UEBE Violence FA-based |  | Neighborhood Survey EB\_Estimates documntation.doc |
| VOPCA\_CEBE | Conditional Empirical Bayes Estimate (CEBE) for Violence PCA-based |  | Neighborhood Survey EB\_Estimates documntation.doc |
| VOPCA\_CEBE\_N | # Of subjects for CEBE Violence PCA-based |  | Neighborhood Survey EB\_Estimates documntation.doc |
| VOPCA\_SEBE | Spatial Empirical Bayes Estimate (SEBE) for Violence PCA-based |  | Neighborhood Survey EB\_Estimates documntation.doc |
| VOPCA\_SEBE\_N | # Of subjects for SEBE Violence PCA-based |  | Neighborhood Survey EB\_Estimates documntation.doc |
| VOPCA\_UEBE | Age & gender adjusted Unconditional Empirical Bayes Estimate (UEBE) for Violence PCA-based |  | Neighborhood Survey EB\_Estimates documntation.doc |
| VOPCA\_UEBE\_N | # Of subjects for age & gender adjusted UEBE Violence PCA-based |  | Neighborhood Survey EB\_Estimates documntation.doc |
| VOPCA\_UEBE\_unadj | Unadjusted Unconditional Empirical Bayes Estimate (UEBE) for Violence PCA-based |  | Neighborhood Survey EB\_Estimates documntation.doc |
| VOPCA\_UEBE\_unadj\_N | # Of subjects for Unadjusted UEBE Violence PCA-based |  | Neighborhood Survey EB\_Estimates documntation.doc |
| Viol\_fa\_N | # Of subjects for Crude Mean Violence FA-based |  | Neighborhood Survey EB\_Estimates documntation.doc |
| Viol\_fa\_RAW | Crude Mean Violence FA-based |  | Neighborhood Survey EB\_Estimates documntation.doc |
| Viol\_pca\_N | # Of subjects for Crude Mean Violence PCA-based |  | Neighborhood Survey EB\_Estimates documntation.doc |
| Viol\_pca\_RAW | Crude Mean Violence PCA-based |  | Neighborhood Survey EB\_Estimates documntation.doc |
| **US Census variables (census level)** | |  |  |
| birth\_foreign | % foreign born | Percent foreign born | US Census Variables.docx |
| Built\_medYr | Median year building built | Median year building built | US Census Variables.docx |
| crowd\_gt1\_ppr | % Household with crowding > 1 person per room | Percent of households with crowding > 1 person per room | US Census Variables.docx |
| Educ\_minBA | % 25+ with minimum bachelor degree | Percent of persons age 25+ with at least a Bachelor’s degree | US Census Variables.docx |
| Educ\_minHS | % 25+ with minimum High School education | Percent of persons age 25+ with at least a high school education | US Census Variables.docx |
| HU\_sampleocc | % Household occupied | Percent of occupied housing units | US Census Variables.docx |
| HUcost\_medownval | Median owner Household cost | Median housing value of owner units | US Census Variables.docx |
| HUcost\_medrent | Median gross rent | Median gross rent | US Census Variables.docx |
| HUcost\_medrentHHinc | Median gross rent as percent of HH income | Median gross rent as percent of HH income | US Census Variables.docx |
| inc\_HHge50k | % Household w/income >= $50,000 | Percent of households with household income >$50,000 | US Census Variables.docx |
| inc\_IntDivRent | % Household with interest, dividend, rental income | Percent of households with interest, dividend, or net rental income | US Census Variables.docx |
| inc\_medHH | Median Household income | Median household income | US Census Variables.docx |
| inc\_pubass | % with public assistance | Percent of households with public assistance | US Census Variables.docx |
| NotInLaborForce | % not in labor force | Percent not in labor force, among persons 16 and over | US Census Variables.docx |
| Occup\_I | % managerial occupation | Percent with managerial, professional, or related occupation among those 16+ in the labor force | US Census Variables.docx |
| ownerocc\_hh | % Household owner occupied | Percent housing units owner occupied, among total housing units | US Census Variables.docx |
| phone\_none | % Household w/no telephone | Percent of households without a telephone | US Census Variables.docx |
| plumbing\_lack | % Household lacking plumbing | Percent of households lacking plumbing | US Census Variables.docx |
| popden\_nowat | population density with only land (no water) (per square km) | Population density with only land (no water) | US Census Variables.docx |
| popden\_tot | population density including land+water (per square km) | Population density including land+water | US Census Variables.docx |
| pov | % below poverty | Percent of persons below poverty level | US Census Variables.docx |
| race\_asianNH | % asian non-hispanic | Percent Non-Hispanic Asian | US Census Variables.docx |
| race\_blackNH | % black non-hispanic | Percent Non-Hispanic Black | US Census Variables.docx |
| race\_hisp | % hispanic | Percent Hispanic | US Census Variables.docx |
| race\_otherNH | % other non-hispanic | Percent Other Non-Hispanic races | US Census Variables.docx |
| race\_whiteNH | % white non-hispanic | Percent Non-Hispanic White | US Census Variables.docx |
| samehouse | % in same house | Percent of persons living in the same house since last census | US Census Variables.docx |
| unemployed | % unemployed | Percent unemployed among civilians 16+ in the labor force | US Census Variables.docx |
| vehicle\_none | % Household w/no vehicle | Percent of households without a vehicle | US Census Variables.docx |
| **US Census Factor Score (census level)** | |  |  |
| F1\_PC1 | Race/Ethnicity (PC1) Weighted Factor1 score | Weighted Factor1 scale from the Race/Ethnicity/Crowding PCA (PC1). This is highly weighted on % foreign born, % Hispanic, % Asian, and % crowding. This is weighted to both datasets combined. A higher value indicates a worse SES. This will be missing if any variables are missing. | Census Factor Scales documentation.docx |
| F1\_PC1\_BR | Factor1 based score w/raw vars for Race/Ethnicity (PC1) | Factor1 based scale from Race/Ethnicity/Crowding PCA (PC1). This is based on the standardized to both datasets combined raw variables summed together. The variables are: % foreign born, % Hispanic, % Asian, and % crowding. A higher value indicates a worse SES. This will be missing if any variables are missing. | Census Factor Scales documentation.docx |
| F1\_PC1\_BT | Factor1 based score w/transformed vars for Race/Ethnicity (PC1) | Factor1 based scale from Race/Ethnicity/Crowding PCA (PC1). This is based on the standardized to both datasets combined transformed variables summed together. The variables are: % foreign born cube root, % Hispanic cube root, % Asian cube root, % crowding cube root. A higher value indicates a worse SES. This will be missing if any variables are missing. | Census Factor Scales documentation.docx |
| F1\_PC2 | SES (PC2) Weighted Factor1 score | Weighted Factor1 scale from the Other SES PCA (PC2). This is highly weighted on % Bachelor degree, % managerial occupation, median home value, % HS education, median household income, and % HH income >$50,000. This is weighted to both datasets combined. A higher value indicates a worse SES. This will be missing if any variables are missing. | Census Factor Scales documentation.docx |
| F1\_PC2\_BR | Factor1 based score w/raw vars for SES (PC2) | Factor1 based scale from Other SES PCA (PC2). This is based on the standardized to both datasets combined raw variables summed together. The variables are: % Bachelor degree reverse coded, % managerial occupation reverse coded, median home value reverse coded, % HS education reverse coded, median household income reverse coded, and % HH income >$50,000 reverse coded. A higher value indicates a worse SES. This will be missing if any variables are missing. | Census Factor Scales documentation.docx |
| F1\_PC2\_BT | Factor1 based score w/transformed vars for SES (PC2) | Factor1 based scale from Other SES PCA (PC2). This is based on the standardized to both datasets combined transformed variables summed together. The variables are: % Bachelor degree reverse coded, % managerial occupation reverse coded, median home value reverse coded cube root, % HS education reverse coded, median household income reverse coded cube root, and % HH income >$50,000 reverse coded. A higher value indicates a worse SES. This will be missing if any variables are missing. | Census Factor Scales documentation.docx |
| F1\_PC3 | Full (PC3) Weighted Factor1 score | Weighted Factor1 scale from the Full Variables PCA (PC3). This is highly weighted on % Bachelor degree, % managerial occupation, % HS education, median home value, median HH income, and % HH income >$50,000. This is weighted to both datasets combined. A higher value indicates a worse SES. This will be missing if any variables are missing. | Census Factor Scales documentation.docx |
| F1\_PC3\_BR | Factor1 based score w/raw vars for FULL (PC3) | Factor1 based scale from Full Variables PCA (PC3). This is based on the standardized to both datasets combined raw variables summed together. The variables are: % Bachelor degree reverse coded, % managerial occupation reverse coded, % HS education reverse coded, median home value reverse coded, median HH income reverse coded, and % HH income >$50,000 reverse coded. A higher value indicates a worse SES. This will be missing if any variables are missing. | Census Factor Scales documentation.docx |
| F1\_PC3\_BT | Factor1 based score w/transformed vars for FULL (PC3) | Factor1 based scale from Full Variables PCA (PC3). This is based on the standardized to both datasets combined transformed variables summed together. The variables are: % Bachelor degree reverse coded, % managerial occupation reverse coded, % HS education reverse coded, median home value reverse coded cube root, median HH income reverse coded cube root, and % HH income >$50,000 reverse coded. A higher value indicates a worse SES. This will be missing if any variables are missing. | Census Factor Scales documentation.docx |
| F2\_PC1 | Race/Ethnicity (PC1) Weighted Factor2 score | Weighted Factor2 scale from the Race/Ethnicity/Crowding PCA (PC1). This is highly weighted on % Black. This is weighted to both datasets combined. A higher value indicates a worse SES. This will be missing if any variables are missing. | Census Factor Scales documentation.docx |
| F2\_PC2 | SES (PC2) Weighted Factor2 score | Weighted Factor2 scale from the Other SES PCA (PC2). This is highly weighted on % no vehicle, % owner occupied housing, % poverty, and % unemployed. This is weighted to both datasets combined. A higher value indicates a worse SES. This will be missing if any variables are missing. | Census Factor Scales documentation.docx |
| F2\_PC2\_BR | Factor2 based score w/raw vars for SES (PC2) | Factor2 based scale from Other SES PCA (PC2). This is based on the standardized to both datasets combined raw variables summed together. The variables are: % no vehicle, % owner occupied housing reverse coded, % poverty, and % unemployed. A higher value indicates a worse SES. This will be missing if any variables are missing. | Census Factor Scales documentation.docx |
| F2\_PC2\_BT | Factor2 based score w/transformed vars for SES (PC2) | Factor2 based scale from Other SES PCA (PC2). This is based on the standardized to both datasets combined transformed variables summed together. The variables are: % no vehicle cube root, % owner occupied housing reverse coded, % poverty cube root, and % unemployed cube root. A higher value indicates a worse SES. This will be missing if any variables are missing. | Census Factor Scales documentation.docx |
| F2\_PC3 | Full (PC3) Weighted Factor2 score | Weighted Factor2 scale from the Full Variables PCA (PC3). This is highly weighted on % Black, % owner occupied housing, % no vehicle, % interest/dividend income, % poverty, and % unemployed. This is weighted to both datasets combined. A higher value indicates a worse SES. This will be missing if any variables are missing. | Census Factor Scales documentation.docx |
| F2\_PC3\_BR | Factor2 based score w/raw vars for FULL (PC3) | Factor2 based scale from Full Variables PCA (PC3). This is based on the standardized to both datasets combined raw variables summed together. The variables are: % Black, % owner occupied housing reverse coded, % no vehicle, % interest/dividend income reverse coded, % poverty, and % unemployed. A higher value indicates a worse SES. This will be missing if any variables are missing. | Census Factor Scales documentation.docx |
| F2\_PC3\_BT | Factor2 based score w/transformed vars for FULL (PC3) | Factor2 based scale from Full Variables PCA (PC3). This is based on the standardized to both datasets combined transformed variables summed together. The variables are: % Black cube root, % owner occupied housing reverse coded, % no vehicle cube root, % interest/dividend income reverse coded, % poverty cube root, and % unemployed cube root. A higher value indicates a worse SES. This will be missing if any variables are missing. | Census Factor Scales documentation.docx |
| F3\_PC2 | SES (PC2) Weighted Factor3 score | Weighted Factor3 scale from the Other SES PCA (PC2). This is highly weighted on % occupied households. This is weighted to both datasets combined. A higher value indicates a worse SES. This will be missing if any variables are missing. | Census Factor Scales documentation.docx |
| F3\_PC3 | Full (PC3) Weighted Factor3 score | Weighted Factor3 scale from the Full Variables PCA (PC3). This is highly weighted on % foreign born, % Hispanic, and % crowding. This is weighted to both datasets combined. A higher value indicates a worse SES. This will be missing if any variables are missing. | Census Factor Scales documentation.docx |
| F3\_PC3\_BR | Factor3 based score w/raw vars for FULL (PC3) | Factor3 based scale from Full Variables PCA (PC3). This is based on the standardized to both datasets combined raw variables summed together. The variables are: % foreign born, % Hispanic, and % crowding. A higher value indicates a worse SES. This will be missing if any variables are missing. | Census Factor Scales documentation.docx |
| F3\_PC3\_BT | Factor3 based score w/transformed vars for FULL (PC3) | Factor3 based scale from Full Variables PCA (PC3). This is based on the standardized to both datasets combined transformed variables summed together. The variables are: % foreign born cube root, % Hispanic cube root, and % crowding cube root. A higher value indicates a worse SES. This will be missing if any variables are missing. | Census Factor Scales documentation.docx |
| F4\_PC2 | SES (PC2) Weighted Factor4 score | Weighted Factor4 scale from the Other SES PCA (PC2). This is highly weighted on % in same house. This is weighted to both datasets combined. A higher value indicates a worse SES. This will be missing if any variables are missing. | Census Factor Scales documentation.docx |
| F4\_PC3 | Full (PC3) Weighted Factor4 score | Weighted Factor4 scale from the Full Variables PCA (PC3). This is highly weighted on % not in labor force and % occupied housing. This is weighted to both datasets combined. A higher value indicates a worse SES. This will be missing if any variables are missing. | Census Factor Scales documentation.docx |
| F4\_PC3\_BR | Factor4 based score w/raw vars for FULL (PC3) | Factor4 based scale from Full Variables PCA (PC3). This is based on the standardized to both datasets combined raw variables summed together. The variables are: % not in labor force and % occupied housing reverse coded. A higher value indicates a worse SES. This will be missing if any variables are missing. | Census Factor Scales documentation.docx |
| F4\_PC3\_BT | Factor4 based score w/transformed vars for FULL (PC3) | Factor4 based scale from Full Variables PCA (PC3). This is based on the standardized to both datasets combined transformed variables summed together. The variables are: % not in labor force and % occupied housing reverse coded cube root. A higher value indicates a worse SES. This will be missing if any variables are missing. | Census Factor Scales documentation.docx |
| F5\_PC3 | Full (PC3) Weighted Factor5 score | Weighted Factor5 scale from the Full Variables PCA (PC3). This is highly weighted on % in same house. This is weighted to both datasets combined. A higher value indicates a worse SES. This will be missing if any variables are missing. | Census Factor Scales documentation.docx |
| factor\_ana | Factor score based on Ana Diez-Roux 1990 PC factor analysis | Factor based scale from Ana Diez-Roux 1990 census PCA methods. This is based on the standardized to both datasets combined transformed variables summed together. The variables are: median housing value log, % HS education, % Bachelor’s degree, % managerial occupation, median HH income log, and % interest/dividend income. A higher value indicates a better SES. This will be missing if any variables are missing. | Census Factor Scales documentation.docx |