

Supplementary Material

Table SM1 – Sample data VIGITEL 2006-2016

| Year | TELEPHONES (n) | | | INTERVIEWS (n) | | |
|--------------|----------------|-------------------|----------------|----------------|----------------|----------------|
| | Replica | Randomly Selected | Eligible | Total | Men | Women |
| 2006 | 536 | 107,200 | 76,330 | 54,369 | 21,294 | 33,075 |
| 2007 | 693 | 138,600 | 75,876 | 54,251 | 21,547 | 32,704 |
| 2008 | 530 | 106,000 | 72,834 | 54,353 | 21,345 | 32,918 |
| 2009 | 591 | 118,200 | 71,081 | 54,367 | 21,347 | 33,020 |
| 2010 | 633 | 126,600 | 71,082 | 54,339 | 20,764 | 33,575 |
| 2011 | 576 | 111,200 | 80,470 | 54,144 | 20,641 | 31,503 |
| 2012 | 577 | 115,418 | 70,045 | 45,488 | 17,389 | 28,059 |
| 2013 | 563 | 112,600 | 74,005 | 52,929 | 20,272 | 32,653 |
| 2014 | 506 | 101,200 | 62,786 | 40,853 | 15,521 | 25,332 |
| 2015 | 580 | 116,000 | 76,703 | 54,174 | 20,368 | 32,653 |
| 2016 | 636 | 127,200 | 77,671 | 53,210 | 20,258 | 32,952 |
| TOTAL | 6.421 | 1,280,218 | 808,883 | 572,477 | 220,746 | 348,444 |

Source: VIGITEL 2006-2016 (IBGE – www.ibge.com.br)

Table SM2 – Data extracted, unit of measure and Source

| INFORMAÇÃO | Unit | Source |
|---|-------------------|----------|
| Precipitação | mm | INMET |
| Insolação | Horas | INMET |
| Temperatura mínima | Graus Celsius | INMET |
| Temperatura máxima | Graus Celsius | INMET |
| Umidade relativa | % | INMET |
| Umidade mínima | % | INMET |
| Umidade máxima | % | INMET |
| Frota de veículos | n | DENATRAN |
| Frota de automóveis | n | DENATRAN |
| Frota de ônibus | n | DENATRAN |
| Nº de empresas de esporte e lazer | n | IBGE/CCE |
| Idade | years | VIGITEL |
| Sexo | m/f | VIGITEL |
| Marital status | s/m/d/w/na*** | VIGITEL |
| Uso de tabaco | s/n | VIGITEL |
| Excesso de peso | s/n | VIGITEL |
| Obesidade | s/n | VIGITEL |
| Consumo de hortaliças regularmente | s/n | VIGITEL |
| Consumo de frutas regularmente | s/n | VIGITEL |
| Consumo de frutas legumes e verduras regularmente | s/n | VIGITEL |
| Consumo de carne regularmente | s/n | VIGITEL |
| Consumo de pele de frango | s/n | VIGITEL |
| Consumo de gordura da carne | s/n | VIGITEL |
| Consumo de leite integral | s/n | VIGITEL |
| Consumo de refrigerante | s/n | VIGITEL |
| Atividade física tempo livre | s/n | VIGITEL |
| Consumo abusivo de álcool | s/n | VIGITEL |
| Saúde autorrelatada (ruim) | s/n | VIGITEL |
| Hipertensão arterial sistêmica | s/n | VIGITEL |
| Diabetes | s/n | VIGITEL |
| Tempo assistindo TV acima de 3 horas diárias | s/n | VIGITEL |
| PIB bruto | R\$ | IBGE |
| PIB per capita | R\$ | IBGE |
| Valor da cesta básica | R\$ | PNCBA |
| Índice de GINI para desigualdade | Coeficiente (0-1) | DATASUS |
| Cobertura do abastecimento de água | % | IBGE |
| Investimentos em esporte e lazer | BR\$ | STN |
| Investimentos em saúde | BR\$ | STN |
| Cobertura de planos de saúde | n | DATASUS |
| Cobertura de equipes de atenção básica | n | DATASUS |
| Cobertura de estratégia de saúde da família | n | DATASUS |
| Expectativa de vida | years | IBGE |
| Mortalidade por crime | n | IBGE |
| Mortalidade por acidente | n | IBGE |
| Número de habitantes | n | IBGE |
| Número de ocupados em esporte e lazer | n | IBGE/CCE |
| Famílias com renda inferior a meio salário mínimo | % | IBGE |
| Famílias com renda entre 1/2 e 1 salário mínimo | % | IBGE |
| Famílias com renda entre 1 e 2 salários mínimos | % | IBGE |
| Famílias com renda superior a 2 salários mínimos | % | IBGE |

***Marital status: s: single; m: married; d: divorced; w: widower; na: no answer.

Table SM3 – Cut-off for social-ecological correlates into Tertiles

| | 1º TERCIL | 2º TERCIL | 3º TERCIL |
|---|-----------------|---------------|---------------|
| CONDIÇÃO | ≥ ; < | ≥ ; ≤ | > ; ≤ |
| Age | 18 ; 33 | 33 ; 45 | 45 ; 59 |
| Crime Mortality (n/100,000 inhab.) | 1.05 ; 25.9 | 25.9 ; 99.5 | 99.5 ; 1100 |
| Traffic Accident Mortality (n/100,000 inhab.) | 0.618 ; 15.8 | 15.8 ; 44.1 | 44.1 ; 482 |
| Population (milhões) | 0.184 ; 0.585 | 0.585 ; 1.47 | 1.47 ; 12 |
| Female Proportion (%) | 0.474 ; 0.52 | 0.52 ; 0.531 | 0.531 ; 0.54 |
| Vehicle Fleet (milions) | 0.0554 ; 0.218 | 0.218 ; 0.548 | 0.548 ; 7.81 |
| Car Fleet (n/100,000 inhab.) | 12500 ; 28700 | 28700 ; 44100 | 44100 ; 74100 |
| Bus Fleet (n/100,000 inhab.) | 143 ; 360 | 360 ; 498 | 498 ; 792 |
| GINI (UA) | 0.419 ; 0.5 | 0.5 ; 0.541 | 0.541 ; 0.666 |
| Private Health Insurance (n/100,000 inhab.) | 5990 ; 24100 | 24100 ; 35300 | 35300 ; 77500 |
| GDP (milhões BR\$) | 2.04 ; 11.9 | 11.9 ; 31.6 | 31.6 ; 687 |
| GDP Per capita (BR\$/per capita) | 7680 ; 17100 | 17100 ; 25000 | 25000 ; 79100 |
| Employees Physical Activity (inhab/n) | 195 ; 484 | 484 ; 1030 | 1030 ; 2910 |
| Company Physical Activity (inhab./n) | 648 ; 1970 | 1970 ; 3510 | 3510 ; 7800 |
| Insolation (h/year) | 475 ; 2200 | 2200 ; 2430 | 2430 ; 3250 |
| Rainfall (mm/year) | 104 ; 1560 | 1560 ; 1910 | 1910 ; 3780 |
| Max Temperature (º C) | 23 ; 29.7 | 29.7 ; 31.7 | 31.7 ; 35.5 |
| Min Temperatures (º C) | 13.4 ; 21.3 | 21.3 ; 23.1 | 23.1 ; 25.7 |
| Relative Humidity (%) | 56.2 ; 74.8 | 74.8 ; 78.9 | 78.9 ; 98 |
| Min Relative Humidity (%) | 31 ; 66.1 | 66.1 ; 73.1 | 73.1 ; 98 |
| Max Relative Humidity (%) | 62.6 ; 81.9 | 81.9 ; 85.3 | 85.3 ; 98 |
| Life expectancy (years) | 67.3 ; 71.2 | 71.2 ; 73.8 | 73.8 ; 79.1 |
| Male Life expectancy (years) | 63 ; 67.7 | 67.7 ; 70.4 | 70.4 ; 75.8 |
| Female Life expectancy (years) | 71.2 ; 75.1 | 75.1 ; 77.5 | 77.5 ; 82.4 |
| FHS Public Health (n) | 41 ; 98 | 98 ; 209 | 209 ; 1530 |
| Primary Care Coverage (%) | 20.9 ; 53 | 53 ; 70.2 | 70.2 ; 100 |
| Public Investment* in Sports And Leisure Percapita (R\$/per capita) | 0.000562 ; 4.18 | 4.18 ; 10.5 | 10.5 ; 118 |
| Public Investment* in Health (R\$/per capita) | 118 ; 350 | 350 ; 550 | 550 ; 1260 |
| Drinking Water Distribution (%) | 49.2 ; 89.8 | 89.8 ; 95.9 | 95.9 ; 99.3 |
| Basic Grocery Package (R\$) | 132.0 ; 213.0 | 213.0 ; 272.0 | 272.0 ; 459.0 |
| Family Income < 1/2 min Wage/month (%) | 5.2 ; 16.7 | 16.7 ; 31.2 | 31.2 ; 47.1 |
| Family Income 1/2 to 1 min Wage//month (%) | 18 ; 29 | 29 ; 31.2 | 31.2 ; 36.4 |
| Family Income 1 to 2 min Wage//month (%) | 13.2 ; 20.4 | 20.4 ; 27.6 | 27.6 ; 38.6 |
| Family Income >2 min Wage//month (%) | 7.9 ; 13.6 | 13.6 ; 21.2 | 21.2 ; 43.9 |

Table SM4 – Encouraging social-ecological factors detection using complex samples logistical regression

| LABELS | MEN | | | | | | WOMEN | | | | | | | | | | | |
|--|-----------|-------------|-------|--------------|-------|--------------|-----------|-------------|-------|-------------|-------|-------------|-----------|--------|----|-----------|----|--------|
| | Age 18-32 | | | Age 33-45 | | | Age 46-60 | | | Age 18-32 | | | Age 33-45 | | | Age 46-60 | | |
| | OR | 95% CI | OR | 95% CI | OR | 95% CI | OR | 95% CI | OR | 95% CI | OR | 95% CI | OR | 95% CI | OR | 95% CI | OR | 95% CI |
| TABACO USE (n vs, y) | 0.925 | 0.786 1.089 | 0.663 | 0.54 0.814 | 0.681 | 0.567 0.818 | 0.984 | 0.757 1.279 | 0.807 | 0.633 1.028 | 0.747 | 0.627 0.89 | | | | | | |
| OBESITY (n vs, y) | 1.297 | 1.125 1.496 | 1.088 | 0.946 1.252 | 1.243 | 1.081 1.429 | 1.021 | 0.859 1.213 | 1.238 | 1.078 1.422 | 1.257 | 1.114 1.417 | | | | | | |
| VEGETABLES (y vs, n) | 1.286 | 1.109 1.491 | 1.531 | 1.275 1.838 | 1.54 | 1.263 1.878 | 1.615 | 1.351 1.93 | 1.708 | 1.395 2.092 | 1.457 | 1.164 1.823 | | | | | | |
| FRUITS (y vs, n) | 1.667 | 1.473 1.886 | 1.457 | 1.23 1.725 | 1.732 | 1.456 2.061 | 1.61 | 1.38 1.879 | 1.917 | 1.606 2.287 | 1.754 | 1.452 2.118 | | | | | | |
| FLV (y vs, n) | 1.066 | 0.885 1.285 | 1.054 | 0.837 1.328 | 0.942 | 0.742 1.195 | 0.974 | 0.788 1.204 | 0.804 | 0.638 1.014 | 1.033 | 0.806 1.324 | | | | | | |
| MEAT (n vs, y) | 1.011 | 0.849 1.205 | 1.005 | 0.789 1.278 | 1.056 | 0.815 1.369 | 1.002 | 0.753 1.332 | 1.259 | 0.91 1.743 | 1.538 | 1.072 2.206 | | | | | | |
| CHICKEN SKIN (n vs, y) | 0.845 | 0.72 0.991 | 0.984 | 0.797 1.215 | 1.192 | 0.936 1.518 | 1.27 | 0.986 1.635 | 1.167 | 0.869 1.568 | 1.601 | 1.148 2.233 | | | | | | |
| MEAT FAT (n vs, y) | 1.196 | 0.968 1.477 | 1.249 | 0.939 1.661 | 1.061 | 0.782 1.439 | 0.976 | 0.711 1.34 | 0.989 | 0.689 1.419 | 0.654 | 0.441 0.971 | | | | | | |
| MILK (y vs, n) | 0.881 | 0.803 0.966 | 0.823 | 0.736 0.92 | 0.766 | 0.687 0.854 | 0.747 | 0.678 0.823 | 0.769 | 0.697 0.848 | 0.766 | 0.699 0.839 | | | | | | |
| SODA (n vs, y) | 1.253 | 1.122 1.4 | 1.413 | 1.209 1.65 | 1.234 | 1.036 1.469 | 1.219 | 1.065 1.394 | 1.466 | 1.241 1.73 | 1.388 | 1.152 1.671 | | | | | | |
| ALCOOL ABUSE (n vs, y) | 1.018 | 0.921 1.126 | 0.971 | 0.859 1.098 | 0.937 | 0.827 1.062 | 0.842 | 0.736 0.962 | 0.803 | 0.693 0.833 | 0.718 | 0.966 0.833 | | | | | | |
| POOR HEALTH SELF-RELATED (n vs, y) | 2.011 | 1.382 2.927 | 2.441 | 1.533 3.886 | 2.529 | 1.695 3.773 | 1.566 | 1.122 2.186 | 1.839 | 1.342 2.52 | 1.888 | 1.462 2.438 | | | | | | |
| HYPERTENSION (n vs, y) | 1.167 | 0.958 1.423 | 1.113 | 0.955 1.297 | 1.014 | 0.902 1.14 | 1.819 | 1.408 2.35 | 1.183 | 1.027 1.362 | 1.15 | 1.044 1.267 | | | | | | |
| DIABETES (n vs, y) | 1.307 | 0.795 2.148 | 1.519 | 1.091 2.114 | 1.121 | 0.932 1.348 | 0.974 | 0.638 1.487 | 1.267 | 0.948 1.692 | 1.00 | 0.856 1.168 | | | | | | |
| CRIME MORTALITY (1 vs, 3) | 0.702 | 0.482 1.023 | 0.888 | 0.558 1.412 | 0.807 | 0.508 1.283 | 0.889 | 0.591 1.336 | 0.953 | 0.641 1.416 | 1.195 | 0.824 1.733 | | | | | | |
| CRIME MORTALITY (2 vs, 3) | 0.872 | 0.658 1.157 | 0.898 | 0.636 1.266 | 0.968 | 0.685 1.368 | 1.206 | 0.893 1.63 | 0.984 | 0.727 1.331 | 1.287 | 0.961 1.724 | | | | | | |
| TRAFFIC ACCIDENT MORTALITY (1 vs, 3) | 1.432 | 0.939 2.182 | 1.037 | 0.623 1.727 | 0.939 | 0.56 1.573 | 1.611 | 1.027 2.526 | 1.763 | 1.816 2.177 | 0.902 | 0.598 1.359 | | | | | | |
| TRAFFIC ACCIDENT MORTALITY (2 vs, 3) | 1.129 | 0.826 1.544 | 1.139 | 0.78 1.664 | 0.916 | 0.623 1.346 | 0.957 | 0.685 1.338 | 0.958 | 0.687 1.337 | 0.942 | 0.684 1.298 | | | | | | |
| POPULATION (2 vs, 1) | 1.346 | 0.582 3.112 | 0.63 | 0.212 1.869 | 1.388 | 0.427 4.51 | 0.327 | 0.12 0.895 | 0.917 | 0.339 2.479 | 0.372 | 0.134 1.031 | | | | | | |
| POPULATION (3 vs, 1) | 1.955 | 0.826 4.629 | 0.706 | 0.238 2.096 | 1.376 | 0.442 4.289 | 0.332 | 0.12 0.918 | 1.126 | 0.412 3.08 | 0.724 | 0.27 1.946 | | | | | | |
| FEMALE PROPORTION (2 vs, 1) | 0.776 | 0.419 1.437 | 1.736 | 0.787 3.828 | 1.034 | 0.445 2.404 | 1.875 | 0.921 3.815 | 0.955 | 0.473 1.928 | 1.679 | 0.829 3.401 | | | | | | |
| FEMALE PROPORTION (2 vs, 1) | 0.857 | 0.434 1.694 | 1.484 | 0.63 3.496 | 1.131 | 0.461 2.775 | 2.145 | 0.997 4.614 | 1.304 | 0.621 2.738 | 1.467 | 0.717 3.001 | | | | | | |
| VEHICLE FLEET [1/100,000] (2 vs, 1) | 1.009 | 0.332 3.069 | 2.576 | 0.662 10.032 | 0.427 | 0.105 1.737 | 1.401 | 0.384 5.117 | 0.795 | 0.238 2.651 | 1.948 | 0.565 6.719 | | | | | | |
| VEHICLE FLEET [1/100,000] (3 vs, 1) | 0.409 | 0.121 1.386 | 1.939 | 0.446 8.426 | 0.195 | 0.042 0.914 | 1.045 | 0.259 4.215 | 0.78 | 0.209 2.907 | 1.577 | 0.423 5.88 | | | | | | |
| CAR FLEET [1/100,000] (2 vs, 1) | 1.121 | 0.399 3.147 | 0.492 | 0.144 1.683 | 2.987 | 0.832 10.723 | 1.121 | 0.349 3.596 | 1.832 | 0.621 5.406 | 0.592 | 0.194 1.812 | | | | | | |
| CAR FLEET [1/100,000] (3 vs, 1) | 1.314 | 0.456 3.789 | 0.535 | 0.154 1.859 | 3.594 | 0.981 13.161 | 1.045 | 0.324 3.374 | 1.114 | 0.37 3.361 | 0.597 | 0.199 1.791 | | | | | | |
| BUS FLEET [1/100,000] (2 vs, 1) | 1.306 | 0.798 2.138 | 0.896 | 0.474 1.697 | 1.503 | 0.771 2.929 | 1.328 | 0.746 2.363 | 1.018 | 0.568 1.824 | 0.918 | 0.529 1.592 | | | | | | |
| BUS FLEET [1/100,000] (3 vs, 1) | 1.441 | 0.753 2.757 | 1.053 | 0.467 2.376 | 1.078 | 0.446 2.603 | 0.834 | 0.399 1.742 | 0.867 | 0.409 1.837 | 0.761 | 0.365 1.586 | | | | | | |
| GINI (2 vs, 1) | 1.158 | 0.817 1.642 | 0.949 | 0.622 1.447 | 1.073 | 0.689 1.673 | 0.967 | 0.667 1.402 | 1.306 | 0.899 1.898 | 1.092 | 0.764 1.562 | | | | | | |
| GINI (3 vs, 1) | 1.12 | 0.79 1.59 | 0.864 | 0.553 1.35 | 0.702 | 0.439 1.12 | 0.627 | 0.421 0.933 | 0.694 | 0.474 1.017 | 0.681 | 0.462 1.005 | | | | | | |
| PRIVATE HEALTH INSURANCE [1/100,000] (2 vs, 1) | 0.557 | 0.273 1.135 | 0.914 | 0.379 2.205 | 1.146 | 0.435 3.021 | 1.221 | 0.541 2.756 | 1.285 | 0.571 2.891 | 3.701 | 1.577 8.687 | | | | | | |
| PRIVATE HEALTH INSURANCE [1/100,000] (3 vs, 1) | 0.455 | 0.243 0.853 | 0.619 | 0.286 1.343 | 0.63 | 0.272 1.461 | 0.962 | 0.474 1.955 | 0.686 | 0.343 1.372 | 1.903 | 0.928 3.903 | | | | | | |
| GDP PERCAPITA [BR\$] (2 vs, 1) | 1.632 | 0.757 3.52 | 0.869 | 0.345 2.192 | 1.015 | 0.367 2.808 | 1.109 | 0.487 2.523 | 1.151 | 0.507 2.61 | 0.64 | 0.279 1.468 | | | | | | |
| GDP PERCAPITA [BR\$] (3 vs, 1) | 1.541 | 0.541 4.391 | 0.831 | 0.236 2.928 | 1.303 | 0.34 4.997 | 0.977 | 0.319 2.994 | 1.371 | 0.451 4.169 | 0.374 | 0.126 1.112 | | | | | | |
| EMPLOYEES PHYSICAL ACTIVITY [inhabit rate] (2 vs, 1) | 0.802 | 0.49 1.311 | 1.164 | 0.606 2.236 | 0.672 | 0.351 1.285 | 1.488 | 0.863 2.567 | 0.805 | 0.461 1.405 | 0.973 | 0.578 1.637 | | | | | | |
| EMPLOYEES PHYSICAL ACTIVITY [inhabit rate] (3 vs, 1) | 0.921 | 0.512 1.657 | 1.691 | 0.787 3.635 | 1.437 | 0.642 3.217 | 1.672 | 0.855 3.27 | 1.371 | 0.702 2.676 | 2.011 | 1.031 3.921 | | | | | | |
| COMPANY PHYSICAL ACTIVITY [inhabit rate] (2 vs, 1) | 1.418 | 0.795 2.53 | 1.262 | 0.641 2.483 | 1.385 | 0.688 2.789 | 0.807 | 0.438 1.488 | 1.607 | 0.902 2.863 | 0.879 | 0.49 1.577 | | | | | | |
| COMPANY PHYSICAL ACTIVITY [inhabit rate] (3 vs, 1) | 1.787 | 0.773 4.131 | 2.166 | 0.817 5.743 | 1.92 | 0.68 5.425 | 1.331 | 0.545 3.253 | 1.586 | 0.661 3.803 | 0.619 | 0.259 1.478 | | | | | | |

| | | | | | | | | | | | | | | | | | | |
|---|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| INSOLATION [hours] (2 vs, 1) | 0.849 | 0.599 | 1.204 | 1.197 | 0.773 | 1.854 | 1.275 | 0.837 | 1.941 | 0.846 | 0.567 | 1.261 | 1.077 | 0.746 | 1.554 | 1.122 | 0.781 | 1.611 |
| INSOLATION [hours] (3 vs, 1) | 0.818 | 0.609 | 1.098 | 1.079 | 0.756 | 1.54 | 1.035 | 0.733 | 1.461 | 0.793 | 0.57 | 1.104 | 1.006 | 0.74 | 1.368 | 1.016 | 0.756 | 1.365 |
| RAINFALL [mm3] (1 vs, 3) | 1.021 | 0.751 | 1.387 | 1.032 | 0.717 | 1.487 | 1.331 | 0.922 | 1.923 | 0.925 | 0.661 | 1.294 | 1.071 | 0.772 | 1.485 | 1.141 | 0.849 | 1.534 |
| RAINFALL [mm3] (1 vs, 2) | 0.944 | 0.76 | 1.173 | 1.199 | 0.921 | 1.561 | 1.028 | 0.789 | 1.34 | 1.279 | 1.006 | 1.626 | 0.772 | 0.61 | 0.978 | 1.113 | 0.892 | 1.388 |
| MAX TEMPERATURE [Celsius] (2 vs, 1) | 1.327 | 0.82 | 2.148 | 1.488 | 0.822 | 2.693 | 1.284 | 0.717 | 2.299 | 1.266 | 0.739 | 2.168 | 1.108 | 0.649 | 1.892 | 1.033 | 0.646 | 1.652 |
| MAX TEMPERATURE [Celsius] (2 vs, 1) | 1.104 | 0.785 | 1.552 | 1.203 | 0.795 | 1.818 | 0.872 | 0.568 | 1.337 | 1.361 | 0.943 | 1.965 | 0.992 | 0.696 | 1.414 | 0.809 | 0.576 | 1.136 |
| MIN TEMPERATURE [Celsius] (2 vs, 1) | 1.101 | 0.726 | 1.67 | 1.533 | 0.924 | 2.543 | 1.72 | 1.038 | 2.851 | 0.907 | 0.57 | 1.444 | 1.088 | 0.695 | 1.703 | 1.992 | 1.313 | 3.022 |
| MIN TEMPERATURE [Celsius] (2 vs, 1) | 0.634 | 0.344 | 1.167 | 1.104 | 0.515 | 2.367 | 0.758 | 0.352 | 1.632 | 0.717 | 0.369 | 1.394 | 0.767 | 0.396 | 1.483 | 1.384 | 0.744 | 2.577 |
| AVERAGE HUMIDITY [%] (1 vs, 2) | 0.923 | 0.462 | 1.843 | 1.169 | 0.505 | 2.705 | 0.86 | 0.354 | 2.089 | 1.932 | 0.91 | 4.1 | 0.756 | 0.364 | 1.569 | 1.275 | 0.622 | 2.613 |
| AVERAGE HUMIDITY [%] (1 vs, 3) | 1.212 | 0.65 | 2.258 | 1.046 | 0.494 | 2.214 | 1.05 | 0.473 | 2.329 | 1.816 | 0.92 | 3.587 | 0.854 | 0.442 | 1.648 | 1.103 | 0.581 | 2.096 |
| MIN HUMIDITY [%] (2 vs, 1) | 0.95 | 0.695 | 1.298 | 0.978 | 0.664 | 1.439 | 0.597 | 0.413 | 0.862 | 0.925 | 0.653 | 1.311 | 0.828 | 0.59 | 1.164 | 0.688 | 0.503 | 0.942 |
| MIN HUMIDITY [%] (3 vs, 1) | 1.273 | 0.677 | 2.392 | 1.1 | 0.519 | 2.332 | 0.908 | 0.42 | 1.963 | 1.774 | 0.889 | 3.537 | 0.909 | 0.476 | 1.739 | 0.943 | 0.506 | 1.758 |
| MAX HUMIDITY [%] (2 vs, 1) | 1.27 | 0.815 | 1.979 | 1.275 | 0.72 | 2.26 | 1.832 | 1.033 | 3.248 | 0.857 | 0.518 | 1.418 | 1.167 | 0.706 | 1.93 | 1.098 | 0.678 | 1.778 |
| MAX HUMIDITY [%] (3 vs, 1) | 1.233 | 0.836 | 1.817 | 1.193 | 0.728 | 1.954 | 1.731 | 1.066 | 2.813 | 0.896 | 0.581 | 1.382 | 1.095 | 0.711 | 1.688 | 1.212 | 0.812 | 1.808 |
| LIFE EXPECTANCY [years] (2 vs, 1) | 0.789 | 0.508 | 1.226 | 1.053 | 0.603 | 1.837 | 1.097 | 0.649 | 1.857 | 0.908 | 0.563 | 1.464 | 0.845 | 0.518 | 1.379 | 0.752 | 0.478 | 1.181 |
| LIFE EXPECTANCY [years] (3 vs, 1) | 0.741 | 0.343 | 1.602 | 0.837 | 0.317 | 2.21 | 0.737 | 0.278 | 1.958 | 1.058 | 0.449 | 2.493 | 0.505 | 0.214 | 1.189 | 0.91 | 0.418 | 1.982 |
| MALE LIFE EXPECTANCY [years] (2 vs, 1) | 1.162 | 0.695 | 1.941 | 0.98 | 0.509 | 1.887 | 0.903 | 0.472 | 1.728 | 0.869 | 0.487 | 1.549 | 1.398 | 0.781 | 2.505 | 1.728 | 1.013 | 2.947 |
| MALE LIFE EXPECTANCY [years] (3 vs, 1) | 1.585 | 0.769 | 3.265 | 1.131 | 0.458 | 2.791 | 0.96 | 0.376 | 2.454 | 1.071 | 0.473 | 2.421 | 2.622 | 1.173 | 5.862 | 1.742 | 0.818 | 3.712 |
| FEMALE LIFE EXPECTANCY [years] (2 vs, 1) | 1.324 | 0.737 | 2.377 | 1.739 | 0.849 | 3.561 | 1.403 | 0.678 | 2.904 | 1.76 | 0.925 | 3.349 | 1.287 | 0.678 | 2.441 | 1.295 | 0.701 | 2.392 |
| FEMALE LIFE EXPECTANCY [years] (3 vs, 1) | 1.259 | 0.639 | 2.481 | 2.057 | 0.888 | 4.765 | 1.435 | 0.626 | 3.289 | 1.501 | 0.704 | 3.199 | 1.585 | 0.766 | 3.281 | 1.165 | 0.589 | 2.304 |
| FHS PUBLIC HEALTH [n] (2 vs, 1) | 1.00 | 0.635 | 1.573 | 1.061 | 0.598 | 1.882 | 0.892 | 0.509 | 1.562 | 0.816 | 0.503 | 1.322 | 0.851 | 0.52 | 1.393 | 0.905 | 0.58 | 1.412 |
| FHS PUBLIC HEALTH [n] (3 vs, 1) | 0.489 | 0.225 | 1.064 | 0.798 | 0.309 | 2.063 | 0.379 | 0.145 | 0.991 | 0.868 | 0.37 | 2.034 | 0.406 | 0.175 | 0.939 | 0.53 | 0.238 | 1.182 |
| PRIMARY CARE COVERAGE [%] (2 vs, 1) | 1.033 | 0.733 | 1.456 | 1.159 | 0.759 | 1.768 | 0.879 | 0.578 | 1.336 | 1.042 | 0.708 | 1.533 | 1.161 | 0.797 | 1.691 | 1.06 | 0.744 | 1.512 |
| PRIMARY CARE COVERAGE [%] (2 vs, 1) | 1.143 | 0.782 | 1.671 | 0.973 | 0.612 | 1.547 | 0.765 | 0.488 | 1.2 | 0.919 | 0.599 | 1.411 | 0.877 | 0.584 | 1.317 | 1.383 | 0.947 | 2.019 |
| PUBLIC INVESTMENT* IN SPORTS AND LEISURE PERCAPITA [BR\$] (2 vs, 1) | 1.115 | 0.896 | 1.387 | 0.966 | 0.744 | 1.255 | 1.107 | 0.847 | 1.448 | 1.17 | 0.932 | 1.469 | 0.95 | 0.757 | 1.192 | 1.146 | 0.92 | 1.429 |
| PUBLIC INVESTMENT* IN SPORTS AND LEISURE PERCAPITA [BR\$] (3 vs, 1) | 1.216 | 0.871 | 1.697 | 1.403 | 0.922 | 2.134 | 1.863 | 1.226 | 2.833 | 1.298 | 0.887 | 1.9 | 1.107 | 0.772 | 1.587 | 1.545 | 1.093 | 2.183 |
| PUBLIC INVESTMENT* IN HEALTH PERCAPITA [BR\$] (2 vs, 1) | 1.052 | 0.609 | 1.816 | 0.586 | 0.299 | 1.145 | 0.293 | 0.145 | 0.594 | 0.665 | 0.364 | 1.216 | 0.669 | 0.373 | 1.199 | 0.899 | 0.503 | 1.608 |
| PUBLIC INVESTMENT* IN HEALTH PERCAPITA [BR\$] (3 vs, 1) | 1.594 | 0.885 | 2.871 | 0.758 | 0.371 | 1.545 | 0.58 | 0.281 | 1.2 | 0.784 | 0.411 | 1.494 | 0.765 | 0.405 | 1.445 | 1.259 | 0.685 | 2.312 |
| DRINKING WATER DISTRIBUTIUITON [%] (2 vs, 1) | 1.159 | 0.683 | 1.968 | 1.027 | 0.547 | 1.926 | 1.643 | 0.831 | 3.25 | 0.859 | 0.47 | 1.57 | 1.313 | 0.726 | 2.377 | 0.798 | 0.456 | 1.396 |
| DRINKING WATER DISTRIBUTIUITON [%] (3 vs, 1) | 1.417 | 0.683 | 2.94 | 0.898 | 0.379 | 2.129 | 2.302 | 0.911 | 5.815 | 1.106 | 0.49 | 2.497 | 1.901 | 0.848 | 4.261 | 0.641 | 0.294 | 1.396 |
| BASIC GROCERY PACKAGE [BR\$] (1 vs, 3) | 1.094 | 0.524 | 2.285 | 0.665 | 0.259 | 1.708 | 0.775 | 0.285 | 2.105 | 0.611 | 0.267 | 1.398 | 0.947 | 0.419 | 2.143 | 1.425 | 0.63 | 3.223 |
| BASIC GROCERY PACKAGE [BR\$] (2 vs, 3) | 0.897 | 0.693 | 1.161 | 0.895 | 0.64 | 1.251 | 0.815 | 0.591 | 1.124 | 0.855 | 0.643 | 1.136 | 0.883 | 0.668 | 1.169 | 0.963 | 0.735 | 1.262 |
| FAMILY INCOME < 1/2 MIN WAGE [%] (1 vs, 3) | 1.138 | 0.586 | 2.209 | 0.521 | 0.227 | 1.199 | 0.513 | 0.22 | 1.196 | 0.972 | 0.45 | 2.097 | 0.96 | 0.466 | 1.977 | 0.656 | 0.323 | 1.333 |
| FAMILY INCOME < 1/2 MIN WAGE [%] (2 vs, 3) | 1.299 | 0.866 | 1.948 | 0.692 | 0.412 | 1.161 | 1.143 | 0.679 | 1.926 | 0.875 | 0.554 | 1.383 | 1.047 | 0.68 | 1.614 | 0.963 | 0.623 | 1.487 |
| FAMILY INCOME 1/2 TO 1 MIN WAGE [%] (1 vs, 3) | 0.72 | 0.482 | 1.077 | 1.634 | 0.977 | 2.732 | 1.392 | 0.84 | 2.306 | 1.106 | 0.704 | 1.738 | 1.426 | 0.918 | 2.217 | 0.917 | 0.603 | 1.395 |
| FAMILY INCOME 1/2 TO 1 MIN WAGE [%] (3 vs, 3) | 0.784 | 0.54 | 1.136 | 1.564 | 0.968 | 2.526 | 0.988 | 0.613 | 1.593 | 1.281 | 0.846 | 1.942 | 1.484 | 0.989 | 2.226 | 1.16 | 0.781 | 1.722 |
| FAMILY INCOME 1 TO 2 MIN WAGE [%] (2 vs, 1) | 1.948 | 0.909 | 4.176 | 0.942 | 0.358 | 2.481 | 1.287 | 0.448 | 3.702 | 0.962 | 0.386 | 2.395 | 0.765 | 0.307 | 1.909 | 0.847 | 0.337 | 2.127 |
| FAMILY INCOME 1 TO 2 MIN WAGE [%] (3 vs, 1) | 1.48 | 0.703 | 3.116 | 0.802 | 0.315 | 2.043 | 0.775 | 0.283 | 2.12 | 0.803 | 0.335 | 1.925 | 0.912 | 0.382 | 2.176 | 0.682 | 0.285 | 1.631 |
| FAMILY INCOME > 2 MIN WAGE [%] (2 vs, 1) | 1.447 | 0.862 | 2.431 | 1.354 | 0.736 | 2.489 | 0.749 | 0.397 | 1.413 | 1.545 | 0.867 | 2.753 | 0.663 | 0.377 | 1.163 | 1.138 | 0.675 | 1.917 |
| FAMILY INCOME > 2 MIN WAGE [%] (3 vs, 1) | 1.586 | 0.627 | 4.013 | 0.879 | 0.283 | 2.727 | 1.006 | 0.31 | 3.263 | 0.662 | 0.233 | 1.877 | 0.44 | 0.161 | 1.202 | 0.947 | 0.35 | 2.566 |
| TV > 3 HOURS/DAY (n vs, y) | 1.09 | 0.976 | 1.217 | 1.036 | 0.905 | 1.186 | 1.022 | 0.897 | 1.164 | 1.001 | 0.889 | 1.127 | 1.109 | 0.974 | 1.261 | 1.041 | 0.936 | 1.159 |

