CNCR\_32845\_e.Supporting Information\_TABLE 1. **Independent associations (Hazard Ratios, 95% Confidence) of nativity, ethnic enclave and neighborhood socioeconomic status and survival after breast cancer, CA and TX, 1996-2005**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Minimally Adjusted HR (95% CI) | | | |
|  | ***All-cause mortality*** | | ***Breast cancer-specific mortality*** | |
| CALIFORNIA |  | |  | |
| **Nativity** |  |  |  |  |
| US Born (ref) | 1.00 |  | 1.00 |  |
| Foreign Born | 1.16 | (1.11-1.22) | 1.22 | (1.15-1.30) |
| **Ethnic enclave quintile** |  |  |  |  |
| Quintile 1: Least ethnically distinct | 1.17 | (1.05-1.30) | 1.14 | (0.99-1.32) |
| Q2 | 1.22 | (1.11-1.34) | 1.21 | (1.06-1.37) |
| Q3 | 1.11 | (1.02-1.20) | 1.02 | (0.91-1.15) |
| Q4 | 1.07 | (1.00-1.14) | 1.06 | (0.97-1.15) |
| Q5: Most ethnically distinct (ref) | 1.00 |  | 1.00 |  |
| **nSES quintile** |  |  |  |  |
| Q1: Low SES | 1.64 | (1.47-1.82) | 1.53 | (1.33-1.77) |
| Q2 | 1.52 | (1.38-1.68) | 1.46 | (1.28-1.67) |
| Q3 | 1.34 | (1.22-1.47) | 1.32 | (1.16-1.49) |
| Q4 | 1.17 | (1.06-1.28) | 1.24 | (1.09-1.40) |
| Q5: High SES (ref) | 1.00 |  | 1.00 |  |
| TEXAS |  | |  | |
| **Nativity** |  |  |  |  |
| US Born (ref) | 1.00 |  | 1.00 |  |
| Foreign Born | 1.19 | (1.11-1.27) | 1.27 | (1.17-1.38) |
| **Ethnic enclave quintile** |  |  |  |  |
| Quintile 1: Least ethnically distinct | 1.29 | (1.13-1.47) | 1.19 | (1.00-1.41) |
| Q2 | 1.10 | (0.99-1.23) | 0.96 | (0.84-1.11) |
| Q3 | 1.14 | (1.04-1.24) | 1.14 | (1.03-1.28) |
| Q4 | 1.11 | (1.04-1.18) | 1.06 | (0.97-1.16) |
| Q5: Most ethnically distinct (ref) | 1.00 |  | 1.00 |  |
| **nSES quintile** |  |  |  |  |
| Q1: Low SES | 1.46 | (1.32-1.63) | 1.28 | (1.11-1.46) |
| Q2 | 1.33 | (1.20-1.48) | 1.17 | (1.02-1.33) |
| Q3 | 1.32 | (1.19-1.46) | 1.18 | (1.03-1.35) |
| Q4 | 1.14 | (1.03-1.27) | 1.06 | (0.93-1.21) |
| Q5: High SES (ref) | 1.00 |  | 1.00 |  |

Minimally adjusted models include age at diagnosis, year of diagnosis, underlying stratification by stage and clustering by census tract.CNCR\_32845\_e.Supporting Information\_**TABLE 2. Independent association of nativity and joint associations (Hazard Ratios, 95% Confidence Intervals) of neighborhood socioeconomic status/ethnic enclave and survival after breast cancer, CA and TX, 1996-2005**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Minimally Adjusted HR (95% CI) | | | |
|  | ***All-cause mortality*** | | ***Breast cancer-specific mortality*** | |
| CALIFORNIA |  | |  | |
| **Nativity** |  |  |  |  |
| US Born (ref) | 1.00 |  | 1.00 |  |
| Foreign Born | 1.15 | (1.10-1.20) | 1.21 | (1.14-1.29) |
| **Joint nSES/ enclave measure** |  |  |  |  |
| High SES, Enclave | 0.87 | (0.82-0.92) | 0.92 | (0.85-1.01) |
| High SES, Non-Enclave | 0.82 | (0.78-0.87) | 0.85 | (0.80-0.91) |
| Low SES, Enclave (ref) | 1.00 |  | 1.00 |  |
| Low SES, Non-Enclave | 1.13 | (1.04-1.24) | 1.11 | (0.98-1.25) |
| TEXAS |  | |  | |
| **Nativity** |  |  |  |  |
| US Born (ref) | 1.00 |  | 1.00 |  |
| Foreign Born | 1.17 | (1.10-1.26) | 1.26 | (1.16-1.37) |
| **Joint nSES/ enclave measure** |  |  |  |  |
| High SES, Enclave | 0.89 | (0.84-0.95) | 0.92 | (0.85-1.01) |
| High SES, Non-Enclave | 0.89 | (0.83-0.94) | 0.92 | (0.85-0.99) |
| Low SES, Enclave (ref) | 1.00 |  | 1.00 |  |
| Low SES, Non-Enclave | 1.08 | (0.96-1.21) | 1.06 | (0.92-1.22) |

Minimally adjusted models include age at diagnosis, year of diagnosis, underlying stratification by stage and clustering by census tract.