**Table 4**

**BMI Classification Interacted with Sex and Race**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | **Female** | **Male** | **White** | **Hispanic** | **Black** |
| **Normal BMI** | -0.0972\*\* | REF | REF | 0.0352 | 0.2376\*\*\* |
|  | (0.0300) | (0.0416) | (0.0370) |
| **Overweight BMI** | -0.0535 | 0.0283 | 0.0770\* | 0.0682 | 0.2198\*\*\* |
|  | (0.0344) | (0.0272) | (0.0300) | (0.0446) | (0.0395) |
| **Obese BMI** | 0.0284 | 0.1015\*\* | 0.1393\*\*\* | 0.1323\*\* | 0.3272\*\*\* |
|  | (0.0357) | (0.0356) | (0.0376) | (0.0485) | (0.0418) |

\*\*\* denotes significance at 0.1%, \*\* denotes significance at 1%, and \* denotes significance at 5%. Columns one and two are part of one estimate while columns three, four, and five are part of a separate estimate. Other coefficients are available upon request.

**Table 3**

**Duration model with job and labor market factors**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | **Parametric** | **Parametric – Lagged** | **Cox PH** | **Parametric** | **Parametric - Lagged** |
| Overweight | 0.0340 | 0.0557\*\* | -0.0398 | 0.0354 | 0.0498\* |
|  | (0.0206) | (0.0204) | (0.0226) | (0.0204) | (0.0202) |
| Obese | 0.1195\*\*\* | 0.1000\*\*\* | -0.1031\*\*\* | 0.1142\*\*\* | 0.0932\*\*\* |
|  | (0.0250) | (0.0250) | (0.0253) | (0.0248) | (0.0248) |
| Female | -0.0829\*\*\* | -0.0779\*\*\* | 0.0666\*\* | -0.0874\*\*\* | -0.0819\*\*\* |
|  | (0.0233) | (0.0234) | (0.0221) | (0.0235) | (0.0236) |
| Age | 0.0247\*\*\* | 0.0305\*\*\* | -0.0411\*\*\* | 0.0271\*\*\* | 0.0335\*\*\* |
|  | (0.0043) | (0.0044) | (0.0048) | (0.0043) | (0.0044) |
| Married | -0.0405 | -0.0424 | 0.0504 | -0.0388 | -0.0416 |
|  | (0.0278) | (0.0278) | (0.0306) | (0.0276) | (0.0276) |
| Separated | 0.0734 | 0.0589 | -0.0409 | 0.0644 | 0.0471 |
|  | (0.0493) | (0.0492) | (0.0544) | (0.0492) | (0.0490) |
| Black | 0.2053\*\*\* | 0.2026\*\*\* | -0.1748\*\*\* | 0.2005\*\*\* | 0.1983\*\*\* |
|  | (0.0304) | (0.0305) | (0.0279) | (0.0302) | (0.0303) |
| Hispanic | 0.0155 | 0.0146 | -0.0182 | 0.0137 | 0.0132 |
|  | (0.0323) | (0.0324) | (0.0299) | (0.0321) | (0.0321) |
| Child6 | 0.0053 | 0.0076 | -0.0062 | 0.0070 | 0.0095 |
|  | (0.0116) | (0.0116) | (0.0132) | (0.0115) | (0.0115) |
| GFinc | -0.0109\*\*\* | -0.0118\*\*\* | 0.0141\*\*\* | -0.0121\*\*\* | -0.0132\*\*\* |
|  | (0.0032) | (0.0032) | (0.0038) | (0.0032) | (0.0032) |
| HS | -0.0849\*\* | -0.0704\* | 0.0757\* | -0.0870\*\* | -0.0729\* |
|  | (0.0293) | (0.0294) | (0.0301) | (0.0290) | (0.0292) |
| SomeCol | -0.1300\*\*\* | -0.1412\*\*\* | 0.1447\*\*\* | -0.1322\*\*\* | -0.1443\*\*\* |
|  | (0.0344) | (0.0346) | (0.0354) | (0.0342) | (0.0344) |
| CollegePlus | -0.1172\*\*\* | -0.1467\*\*\* | 0.1353\*\*\* | -0.1091\*\*\* | -0.1413\*\*\* |
|  | (0.0318) | (0.0324) | (0.0335) | (0.0316) | (0.0321) |
| Score | -0.0054\*\*\* | -0.0050\*\*\* | 0.0046\*\*\* | -0.0054\*\*\* | -0.0050\*\*\* |
|  | (0.0005) | (0.0005) | (0.0005) | (0.0005) | (0.0005) |
| Ten | 0.0010\*\*\* | 0.0010\*\*\* | 0.0002 | -0.0004\* | -0.0005\* |
|  | (0.0002) | (0.0002) | (0.0002) | (0.0002) | (0.0002) |
| Exp | 0.0001 | 0.0001 | 0.0004\*\*\* | 0.0000 | -0.0000 |
|  | (0.0001) | (0.0001) | (0.0001) | (0.0001) | (0.0001) |
| Average | -0.0101 | -0.0078 | -0.0071 | -0.0104 | -0.0078 |
|  | (0.0178) | (0.0179) | (0.0208) | (0.0177) | (0.0178) |
| Poor | -0.0525 | -0.0499 | 0.0054 | -0.0566\* | -0.0545\* |
|  | (0.0272) | (0.0273) | (0.0313) | (0.0271) | (0.0271) |
| NorCen | -0.1154\*\* | -0.1190\*\* | 0.1234\*\*\* | -0.1130\*\* | -0.1168\*\* |
|  | (0.0360) | (0.0362) | (0.0344) | (0.0357) | (0.0359) |
| South | -0.1197\*\*\* | -0.1184\*\*\* | 0.1346\*\*\* | -0.1180\*\*\* | -0.1166\*\*\* |
|  | (0.0326) | (0.0328) | (0.0312) | (0.0324) | (0.0325) |
| West | -0.1972\*\*\* | -0.1929\*\*\* | 0.2330\*\*\* | -0.1998\*\*\* | -0.1950\*\*\* |
|  | (0.0368) | (0.0370) | (0.0355) | (0.0365) | (0.0367) |
| URATE | 0.0736\*\*\* | 0.0691\*\*\* | -0.0785\*\*\* | 0.0753\*\*\* | 0.0706\*\*\* |
|  | (0.0054) | (0.0055) | (0.0066) | (0.0054) | (0.0054) |
| UNION | 0.0490 | 0.0131 | 0.0180 | -0.0087 | -0.0496 |
|  | (0.0534) | (0.0534) | (0.0663) | (0.0546) | (0.0548) |
| SearchCT | 0.0472\*\*\* | 0.0458\*\*\* | -0.0566\*\*\* | 0.0446\*\*\* | 0.0432\*\*\* |
|  | (0.0040) | (0.0040) | (0.0047) | (0.0040) | (0.0040) |
| Forced | 0.4636\*\*\* | 0.4478\*\*\* | -0.2450\* | 0.2467\*\* | 0.2278\*\* |
|  | (0.0809) | (0.0807) | (0.1038) | (0.0825) | (0.0823) |
| Ended | 0.4108\*\*\* | 0.4177\*\*\* | -0.2022\*\*\* | 0.2042\*\*\* | 0.2048\*\*\* |
|  | (0.0444) | (0.0444) | (0.0581) | (0.0474) | (0.0474) |
| Illness | 0.1187 | 0.1448 | 0.2224 | -0.1435 | -0.1287 |
|  | (0.2125) | (0.2150) | (0.2739) | (0.2109) | (0.2128) |
| Quit | 0.3093\*\*\* | 0.3086\*\*\* | -0.1273\* | 0.0936\* | 0.0916\* |
|  | (0.0436) | (0.0436) | (0.0566) | (0.0461) | (0.0461) |
| Log(scale) | -0.3270\*\*\* | -0.3318\*\*\* |  | -0.3336\*\*\* | -0.3385\*\*\* |
|  | (0.0067) | (0.0067) |  | (0.0067) | (0.0067) |
| (Intercept) | 1.6167\*\*\* | 1.5126\*\*\* |  | 1.7502\*\*\* | 1.6504\*\*\* |
|  | (0.0924) | (0.0936) |  | (0.2278) | (0.2272) |
| Industry FE | NO | NO | YES | YES | YES |
| Occupation FE | NO | NO | YES | YES | YES |
| AIC | 107644.9211 | 106140.5574 | 279300.5577 | 107505.6264 | 105994.7576 |
| BIC | 132135.5496 | 130375.5881 |  | 132088.7167 | 130300.9573 |
| Log Likelihood | -50639.1241 | -49914.4060 |  | -50557.4584 | -49832.2385 |
| Num. obs. | 16210 | 15984 | 16210 | 16210 | 15984 |

\*\*\* denotes significance at 0.1%, \*\* denotes significance at 1%, and \* denotes significance at 5%.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Table 2: Models of Unemployment Duration with only BMI Classifications** | | | | |
| Coefficient estimates for the Cox Proportional Hazard with and without frailty | | | | |
|  | (1) | (2) | (3) | (4) |
| Overweight | -0.1161\*\*\* | -0.1102\*\*\* | 0.1538\*\*\* | 0.1417\*\*\* |
|  | (0.0189) | (0.0228) | (0.0231) | (0.0281) |
| Obese | -0.2086\*\*\* | -0.1368\*\*\* | 0.2990\*\*\* | 0.2039\*\*\* |
|  | (0.0194) | (0.0233) | (0.0255) | (0.03) |
| Num. obs. | 16,210 | 11,218 | 16,210 | 11,218 |
| AIC | 281732 | 186757.70 | 280616.70 | 185932.90 |
| BIC | 281747.40 | 186772.40 | 293503.60 | 195019.60 |
| LogLik | -140864.00 | -93376.85 | -140925.50 | -93398.52 |
| Intercept SD |  |  | 0.4520 | 0.4704 |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Table 3: Models of Unemployment Duration with BMI Classifications and Controls** | | | | |
| Coefficient estimates for the Cox Proportional Hazard with and without frailty | | | | |
|  | (1) | (2) | (3) | (4) |
| Overweight | -0.0481\* | -0.0457\*\* | -0.0406 | -0.0408 |
|  | (0.0191) | (0.0228) | (0.0226) | (0.0226) |
| Obese | -0.1049\*\*\* | -0.1266\*\*\* | -0.1131\*\*\* | -0.1059\*\*\* |
|  | (0.0202) | (0.0257) | (0.0254) | (0.02532) |
| Female | 0.0541\*\* | 0.0748\*\*\* | 0.0638\*\* | 0.0672 |
|  | (0.0167) | (0.0219) | (0.0216) | (0.221) |
| Age | -0.0672\*\*\* | -0.0661\*\*\* | -0.0409\*\*\* | -0.0444 |
|  | (0.0037) | (0.0044) | (0.0049) | (0.0049) |
| Black | -0.1578\*\*\* | -0.2035\*\*\* | -0.1810\*\*\* | -0.1784 |
|  | (0.0231) | (0.0282) | (0.0279) | (0.2779) |
| Hispanic | -0.0128 | -0.0175^ | -0.0233\* | -0.0205 |
|  | (0.2306) | (0.0304) | (0.0299) | (0.0298) |
| Married | .0563\* | 0.0594^ | 0.0499 | 0.0517 |
|  | (0.0259) | (0.0309) | (0.0306) | (0.0306) |
| Separated | -0.0548 | -0.0820 | -0.0514\* | -0.0388 |
|  | (0.0456) | (0.0547) | (0.0544) | (0.0544) |
| Child6 | -0.0025 | -0.0001 | -0.0044 | -0.0058 |
|  | (0.0112) | (0.0132) | (0.0132) | (0.0131) |
| FamIncome | 0.0094\*\* | 0.0107\* | 0.0116\*\*\* | 0.0133 |
|  | (0.0034) | (0.0038) | (0.0038) | (0.0038) |
| HS | 0.0067\*\* | 0.0889\* | 0.0869\*\* | 0.0985 |
|  | (0.0228) | (0.0285) | (0.0283) | (0.0282) |
| SomeCol | 0.1701\*\*\* | 0.2001\*\*\* | 0.2035\*\* | 0.2136 |
|  | (0.0248) | (0.0314) | (0.0311) | (0.0310) |
| CollegeGrad | 0.1136\*\* | 0.1140\* | 0.1151\* | 0.1447 |
|  | (0.0383) | (0.0465) | (0.0461) | (0.0466) |
| CollegePlus | 0.0137 | -0.0046 | 0.0054 | 0.0012 |
|  | (0.0613) | (0.0726) | (07212) | (0.0729) |
| Score | 0.0036\*\*\* | 0.0043\*\*\* | 0.0045\*\*\* | 0.0044 |
|  | (0.0004) | (0.0005) | (0.0038) | (0.0005) |
| Tenure | -0.0012\*\*\* | -0.0012\*\*\* | -0.0013\*\*\* | 0.0002 |
|  | (0.0002) | (0.0002) | (0.0002) | (0.0002) |
| Experience | 0.0004\*\*\* | 0.0001 | 0.0003\*\* | 0.0004 |
|  | (.00009) | (0.0001) | (0.0001) | (0.0001) |
| AvgHealth | -0.0256 | -0.0156 | -0.0086 | -0.0089 |
|  | (0.0181) | (0.0209) | (0.0207) | (0.0207) |
| PoorHealth | -0.0334 | -0.0086 | 0.0026 | 0.0035 |
|  | (0.0268) | (0.0315)  0) | (0.0312) | (0.0312) |
| NorthCentral | -0.0604\* | -0.0591 | -0.0990\*\* | -0.1044 |
|  | (0.0251) | (0.3263) | (0.0324) | (0.0322) |
| NorthEast | -0.1224\*\*\* | -0.1475\*\*\* | -0.2209\*\*\* | -0.2241 |
|  | (0.0274) | (0.0356) | (0.0356) | (0.0355) |
| South | -0.0254 | -0.0341 | -0.0888\*\* | (-0.0933) |
|  | (0.0275) | (.0295) | (0.0295) | (0.02943) |
| UnempRate |  |  | -0.0740\*\*\* | -0.0762 |
|  |  |  | (0.0066) | (0.0066) |
| SearchCount |  |  | -0.0591\*\*\* | -0.0564 |
|  |  |  | (0.0047) | (0.0047) |
| Forced |  |  | -0.4774\*\*\* | -0.2478 |
|  |  |  | (0.1010) | (0.0582) |
| Ended |  |  | -0.4172\*\*\* | -0.2042 |
|  |  |  | (0.0545) | (0.0582) |
| Illness |  |  | -0.0430 | 0.2122 |
|  |  |  | (0.2734) | (0.2753) |
| Quit |  |  | -0.3432\*\*\* | -0.1223 |
|  |  |  | (0.0533) | (0.0565) |
| Union |  |  |  |  |
|  |  |  |  |  |
| Occupation Fixed Effects | No | No | No | Yes |
| Industry Fixed Effects | No | No | No | Yes |
| Num. obs. | 16,210 | 16,210 | 16,210 | 16,210 |
| AIC | 280525.50 | 279727.70 | 279379.30 | 279276.20 |
| BIC | 280694.70 | 291123.30 | 290285.70 | 290173.60 |
| LogLik | -140240.70 | -140925.50 | -140925.50 | -138221.70 |
| Intercept SD |  | 0.4011 | 0.3852 | 0.3776 |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Table 3: Models of Unemployment Duration with BMI Classifications and Controls** | | | | |
| Coefficient estimates for the Cox Proportional Hazard by sex with and without ineractions | | | | |
|  | Without Racial Interactions | | With Racial Interactions | |
|  | Female | Male | Female | Male |
| Overweight |  |  |  |  |
|  |  |  |  |  |
| Obese |  |  |  |  |
|  |  |  |  |  |
| Female |  |  |  |  |
|  |  |  |  |  |
| Age |  |  |  |  |
|  |  |  |  |  |
| Black |  |  |  |  |
|  |  |  |  |  |
| Black X Overweight | X | X |  |  |
|  |  |  |
| Black X Obese | X | X |  |  |
|  |  |  |
| Hispanic |  |  |  |  |
|  |  |  |  |  |
| Hispanic X Overweight | X | X |  |  |
|  |  |  |
| Hispanic X Obese | X | X |  |  |
|  |  |  |
| Married |  |  |  |  |
|  |  |  |  |  |
| Separated |  |  |  |  |
|  |  |  |  |  |
| Child6 |  |  |  |  |
|  |  |  |  |  |
| FamIncome |  |  |  |  |
|  |  |  |  |  |
| HS |  |  |  |  |
|  |  |  |  |  |
| SomeCol |  |  |  |  |
|  |  |  |  |  |
| CollegeGrad |  |  |  |  |
|  |  |  |  |  |
| CollegePlus |  |  |  |  |
|  |  |  |  |  |
| Score |  |  |  |  |
|  |  |  |  |  |
| Tenure |  |  |  |  |
|  |  |  |  |  |
| Experience |  |  |  |  |
|  |  |  |  |  |
| AvgHealth |  |  |  |  |
|  |  |  |  |  |
| PoorHealth |  |  |  |  |
|  |  |  |  |  |
| NorthCentral |  |  |  |  |
|  |  |  |  |  |
| NorthEast |  |  |  |  |
|  |  |  |  |  |
| South |  |  |  |  |
|  |  |  |  |  |
| UnempRate |  |  |  |  |
|  |  |  |  |  |
| SearchCount |  |  |  |  |
|  |  |  |  |  |
| Forced |  |  |  |  |
|  |  |  |  |  |
| Ended |  |  |  |  |
|  |  |  |  |  |
| Illness |  |  |  |  |
|  |  |  |  |  |
| Quit |  |  |  |  |
|  |  |  |  |  |
| Union |  |  |  |  |
|  |  |  |  |  |
| Occupation Fixed Effects |  |  |  |  |
| Industry Fixed Effects |  |  |  |  |
| Num. obs. |  |  |  |  |
| AIC |  |  |  |  |
| BIC |  |  |  |  |
| LogLik |  |  |  |  |
| Intercept SD |  |  |  |  |