**Online data supplement**

**Increased pulmonary artery diameter is associated with reduced FEV1 in former World Trade Center workers**

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e-Table 1. Description and comparison (***χ*2** or t-test, as appropriate) of characteristics of the subjects included vs. those excluded from the final multivariate model.

|  |  |  |  |
| --- | --- | --- | --- |
|    | Included (n=1,180) | Excluded (n=461) |   p value |
| Variable | Value | n (%) or mean (SD) | n (%) or mean (SD) |
|  |  |  |  |  |
| FEV1<LLN | Yes | 402 (34.1%) | 128 (29.8%) | 0.1043 |
| No | 778 (65.9%) | 302 (70.2%) |
| Missing |  0 |  31 |
|  |
| Increased PAAr | Yes | 337 (28.6%) |  5 (18.5%) | 0.2523 |
| No | 843 (71.4%) |  22 (81.5%) |
| Missing |   0 | 434 |
|  |
| Gender | Male | 972 (82.4%) | 383 (83.6%) | 0.5476  |
| Female | 208 (17.6%) |  75 (16.4%) |
| Missing |   0 |  3 |
|   |
| Age  | years | 46.1 (9.3) |  46.1 (9.5) | 0.9734  |
| Missing |   0 |  3 |
|  |
| Height | cm | 171.6 (9.78) | 172.4(9.68) | 0.1095  |
| Missing |   0 |  23 |
|   |
| Body mass index | kg/m2 | 29.6 (6.4) | 29.1 (5.0) | 0.1813  |
| Missing |   0 | 40 |
|   |
| Race/ethnicity | Non-Latino white | 633 (53.6%) | 235 (51.3%) | 0.2941 |
| Latino | 410 (34.8%) | 157 (34.3%) |
| Black/Other/Unknown | 137 (11.6%) |  66 (14.4%) |
| Missing |  0 |  3 |
|   |   |
| Smoking status | Lifetime nonsmoker | 627 (53.1%) | 244 (54.1%) | 0.6517 |
| Former smoker | 329 (27.9%) | 116 (25.7%) |
| Current smoker | 224 (19.0%) |  91 (20.2%) |
| Missing |   0 |  10 |
|    |
| Sleep Apnea | Yes | 479 (40.6%) | 136 (29.7%) | <0.0001 |
| No | 701 (59.4%) | 322 (70.3%) |
| Missing |  0  |  3 |
|    |
| WTC Arrival | <48 hours | 582(49.3%) | 240 (54.6%) | 0.0614 |
| >48 hours | 598 (50.7%) | 200 (45.4%) |
| Missing |   0 |  21 |
|    |
| WTC exposure duration | Days < 60 | 476 (40.3%) | 186 (42.1%) | 0.5249 |
| Days 60+ | 704 (59.7%) | 256 (57.9%) |
| Missing |   0 |  19 |
|   |
| Bronchodilator response | Yes | 286 (22.7%) | 85 (19.1%) | 0.1155 |
| No | 912 (77.3%) | 360 (80.9%) |
| Missing |   0 |  16 |
|    |
| Height | cm | 171.6 (9.78) | 172.4(9.68) | 0.1095  |
| Missing |   0 |  23 |
|    |
| BMI | kg/m2 | 29.6 (6.4) | 29.1 (5.0) | 0.1813  |
| Missing |   0 | 40 |