**Paired exposure measurements for Hyde Park and Oxford Street (119 subjects):**

|  |  |  |  |
| --- | --- | --- | --- |
|  | Hyde Park | Oxford Street | P Value |
| Black Carbon (μg/m3) | | | <0.001 |
| Median | 1.2 | 10.0 |  |
| Range | 0.3-5.2 | 3.1-21.0 |  |
| Nitrogen Dioxide (μg/m3) | | | <0.001 |
| Median | 27.2 | 185.4 |  |
| Range | 12.5-113.5 | 50.7-331.7 |  |
| PM10 (μg/m3) | | | <0.001 |
| Median | 16.1 | 24.7 |  |
| Range | 3.7-80.2 | 11.3-84.4 |  |
| PM2.5 (μg/m3) | | | <0.001 |
| Median | 7.5 | 18.1 |  |
| Range | 3.4-60.8 | 5.9-75.5 |  |
| Particle Number Total (thousands/cm3) | | | <0.001 |
| Median | 5.7 | 25.5 |  |
| Range | 1.9-16.1 | 10.2-38.6 |  |
| Particle Mean Diameter (nm) | | | <0.001 |
| Median | 66.7 | 56.5 |  |
| Range | 36.9-118.4 | 43.3-82.3 |  |
| Noise (decibels) | | | <0.001 |
| Median | 73.4 | 75.2 |  |
| Range | 58.1-79.3 | 68.7-81.2 |  |
| Relative Humidity (%) | | | 0.84 |
| Median | 48.3 | 51.2 |  |
| Range | 26.8-87.5 | 9.4-94.1 |  |
| Temperature (°C) | | | 0.10 |
| Median | 19.3 | 19.4 |  |
| Range | 0.2-29.6 | 0.5-31.4 |  |
| Distance walked (km) | | | 0.43 |
| Median | 5.0 | 4.7 |  |
| Range | 2.3-7.0 | 1.6-6.6 |  |

## Final version – December 2014, BB