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| *Table 2.* |
| *Aerosol fraction based on the CAMS analysis product for the afternoon of 16/10/2017 for the four different aerosol types.* |
|  | *Aerosol fraction [%]* |
| *City* | *Latitude (oN)* | *Longitude (oW)* | *Biomass burning* | *Dust* | Sea salt | Sulphate |
| London | 51.5074 | 0.1278 | 42 | 33 | 4 | 21 |
| Birmingham | 52.4862 | 1.8904 | 39 | 29 | 13 | 19 |
| Liverpool | 53.4084 | 2.9916 | 38 | 27 | 16 | 19 |
| Nottingham | 52.9548 | 1.1581 | 45 | 31 | 5 | 19 |
| Sheffield | 53.3811 | 1.4701 | 43 | 30 | 5 | 22 |
| Bristol | 51.4545 | 2.5879 | 31 | 25 | 32 | 12 |
| Glasgow | 55.8642 | 4.2518 | 37 | 26 | 7 | 30 |
| Leicester | 52.6369 | 1.1398 | 46 | 30 | 6 | 18 |
| Edinburgh | 55.9533 | 3.1883 | 33 | 29 | 4 | 34 |
| Leeds | 53.8008 | 1.6491 | 41 | 29 | 4 | 26 |
| Cardiff | 51.4816 | 3.1791 | 27 | 20 | 43 | 10 |
| Manchester | 53.4808 | 2.2426 | 40 | 30 | 9 | 21 |