

1
2
3
4
5
6
7
8
9
10
11

SUPPLEMENTARY INFORMATION

RECEPTOR MODELLING OF BOTH PARTICLE COMPOSITION AND SIZE DISTRIBUTION FROM A BACKGROUND SITE IN LONDON, UK – THE TWO STEP APPROACH

David C.S. Beddows and Roy M. Harrison

12

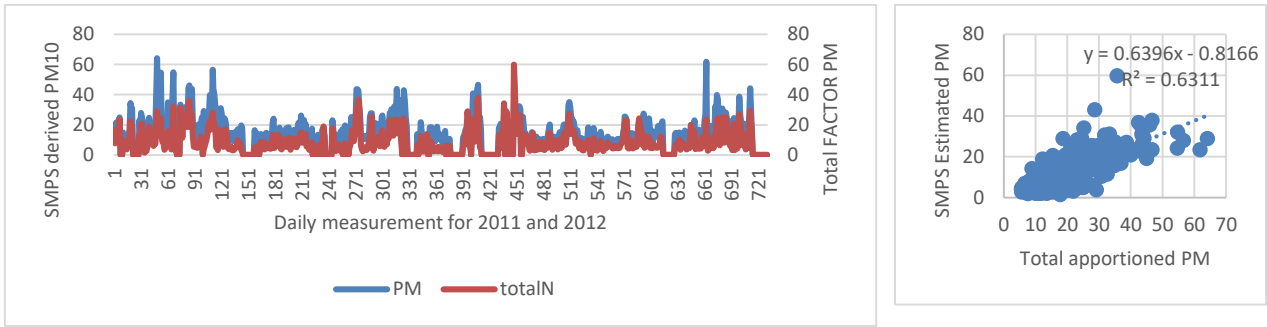
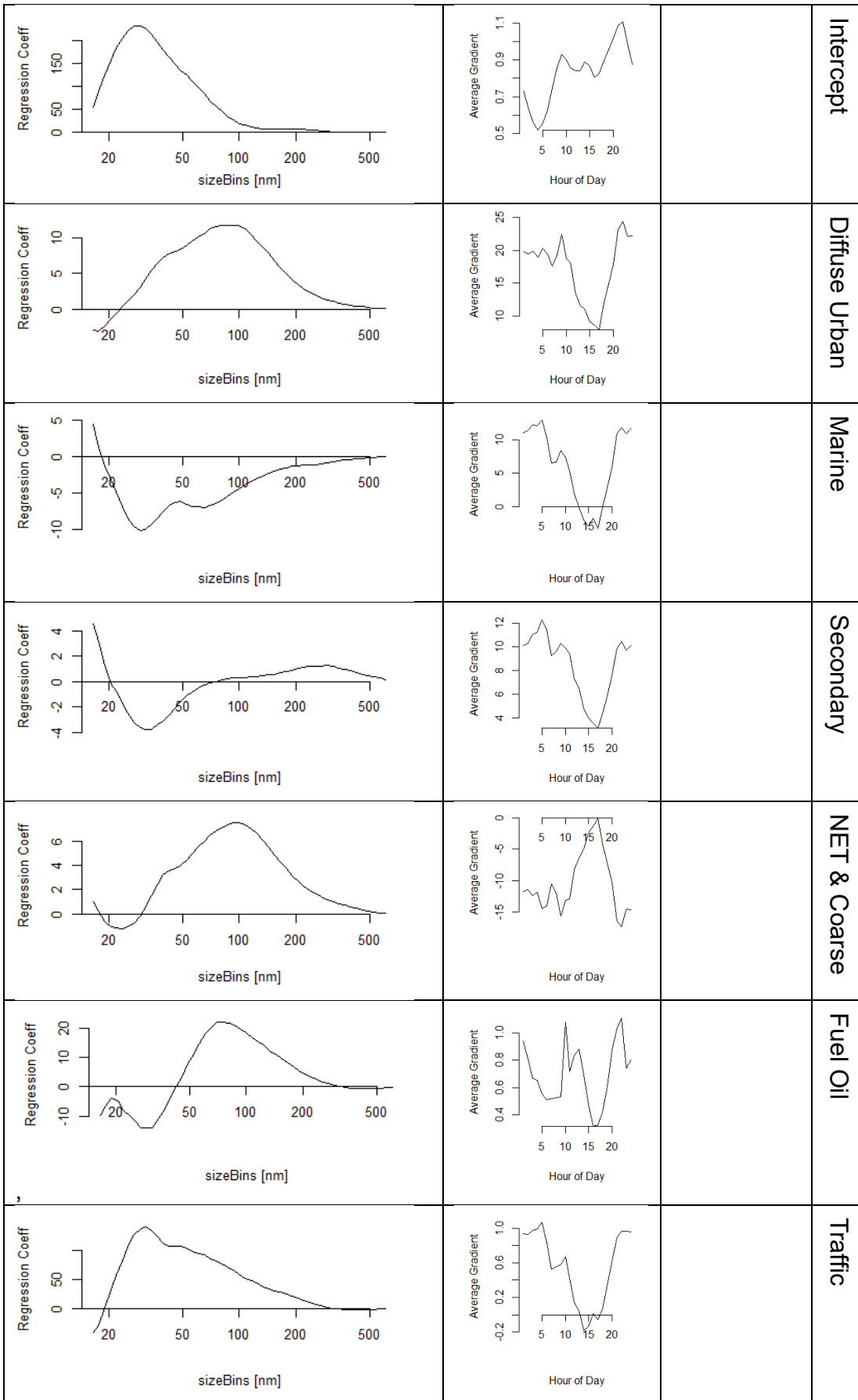
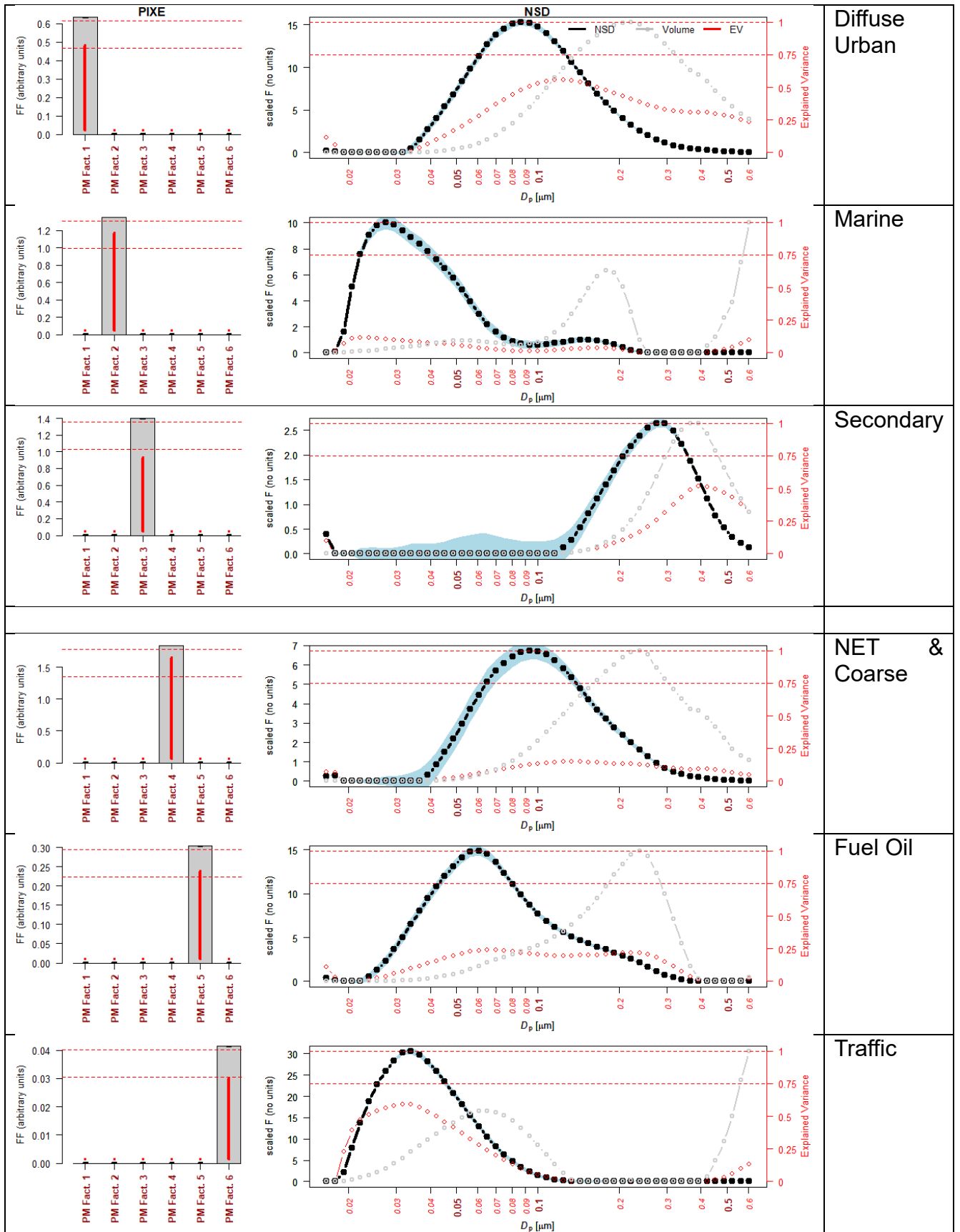


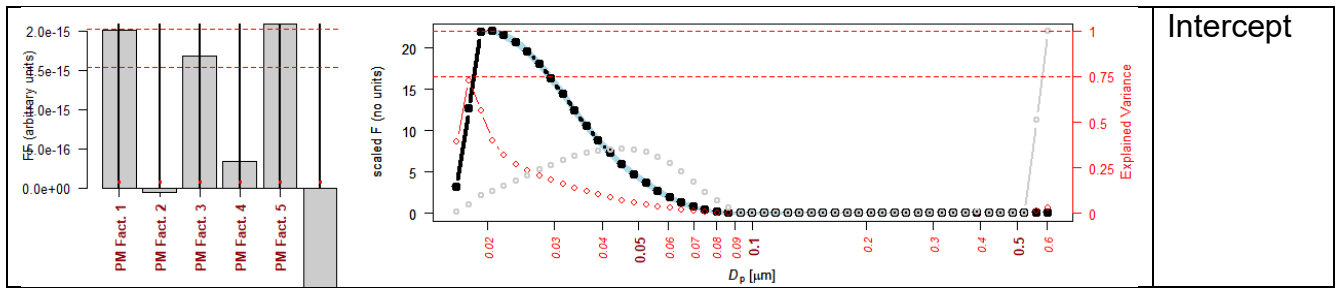
Figure S1. Plot of total apportioned PM₁₀ mass against PM_{0.6} mass estimated using the NSD data.

13
14
15



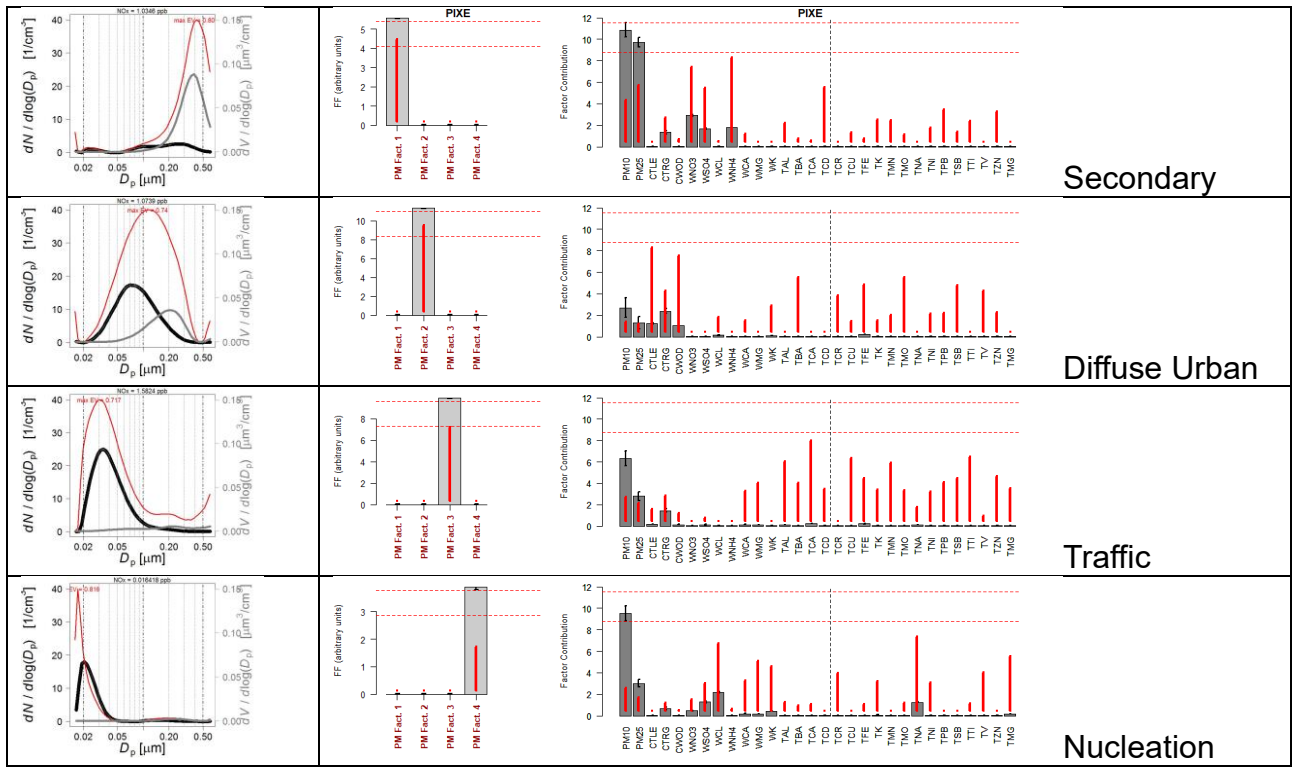
17 **Figure S2.** Regression of PN size bins against PM₁₀ G scores.





19
20
21
22
23
24
25
26
27
28
29
30
31
32
33
34
35
36
37
38
39
40
41
42
43
44
45
46
47
48
49
50
51
52
53
54
55
56
57
58
59

Figure S3. Second stage PMF result. 7 factors. PM10 G score driven PMF with quadruple NSD uncertainties. Also Fkey applied to G score part of F factors to pull off-diagonal elements to zero.



60

61

Figure S4. PMF-PMF analysis of NSD data followed by PM₁₀.