

Supporting figures  
For  
**Biomass Burning Aerosols and the Low Visibility Events in Southeast Asia**

Hsiang-He Lee<sup>1@</sup>, Rotem Z Bar-Or<sup>2</sup>, and Chien Wang<sup>1,2</sup>

<sup>1</sup> Center for Environmental Sensing and Modelling, Singapore-MIT Alliance for  
Research and Technology, Singapore

<sup>2</sup> Center for Global Change Science, Massachusetts Institute of Technology,  
Cambridge, MA, U.S.A.

@Corresponding author address: Dr. Hsiang-He Lee, 1 Create Way, #09-03 CREATE  
Tower, Singapore, 138602  
E-mail: [hsiang-he@smart.mit.edu](mailto:hsiang-he@smart.mit.edu)

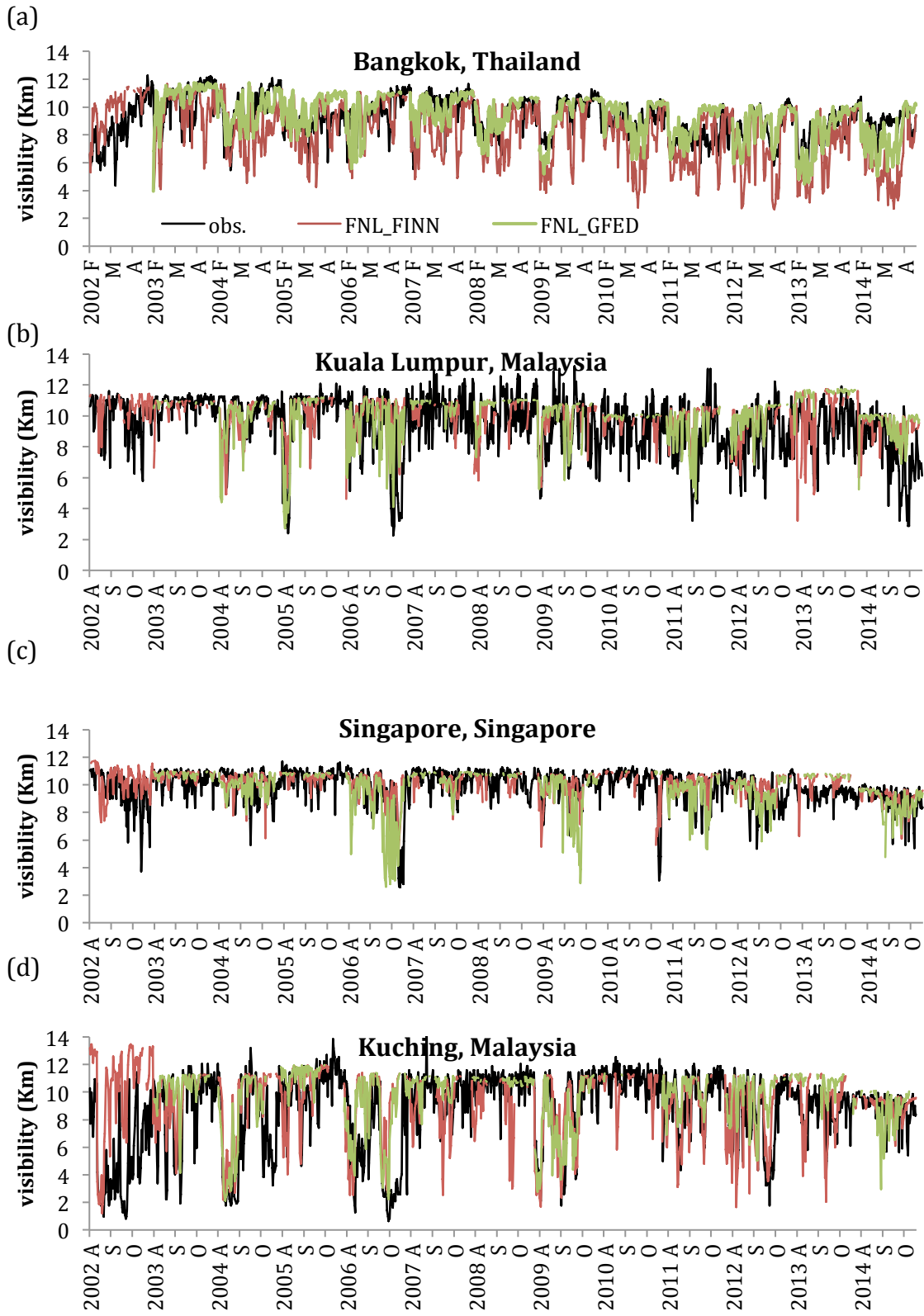


Figure S1. Comparison of daily visibility between GSOD observation (black lines), FNL\_FINN modeled result (red lines) and FNL\_GFED modeled result (green lines) in:

(a) Bangkok, (b) Kuala Lumpur, (c) Singapore, (d) Kuching during the fire seasons from 2002 to 2014.

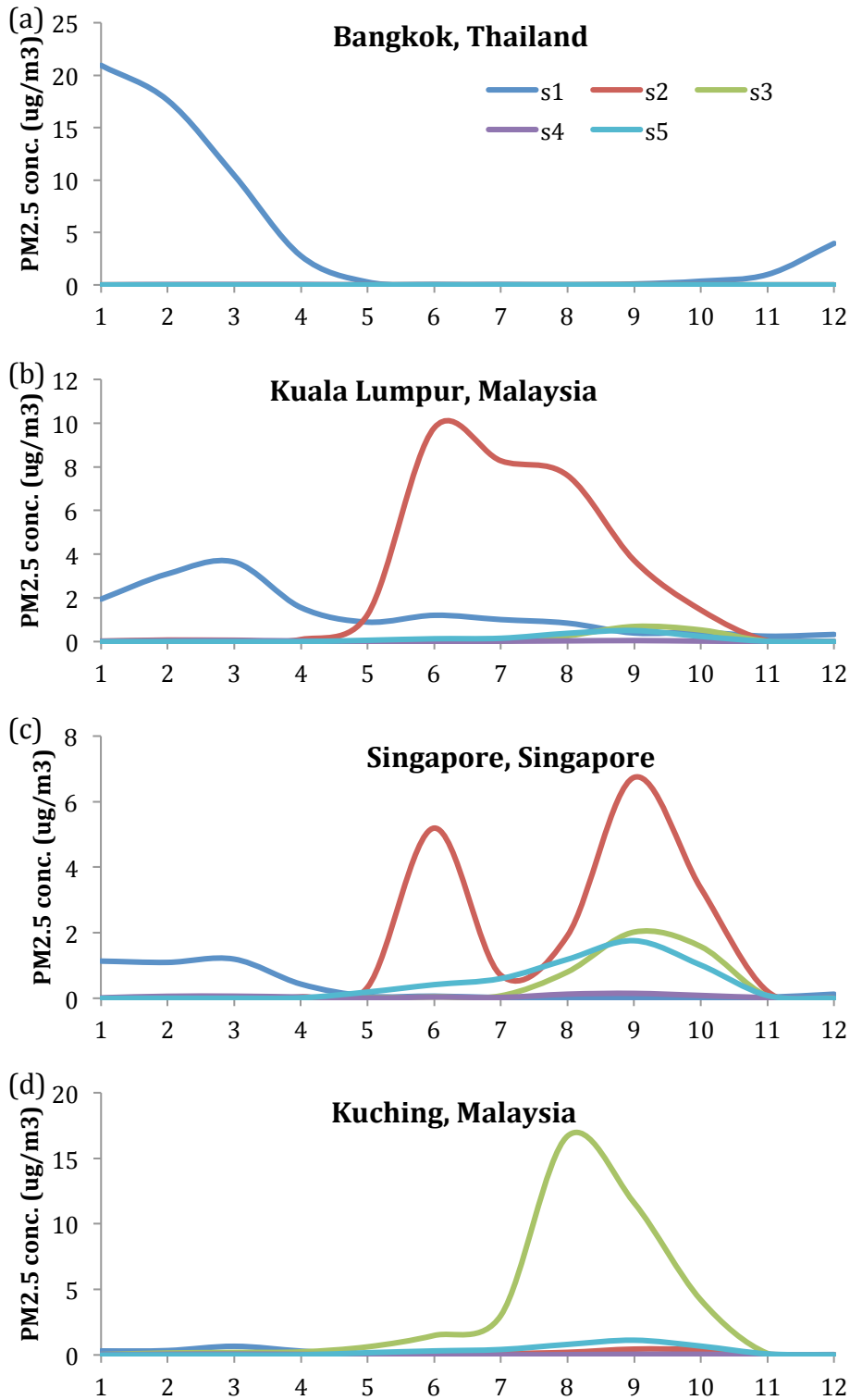


Figure S2. The monthly variation of mean PM<sub>2.5</sub> concentration from each emission regions (s1 - s5) in (a) Bangkok, (b) Kuala Lumpur, (c) Singapore and (d) Kuching derived from FNL\_GFED simulation and averaged over the period 2003-2014.