**Supplementary Materials for**

Effects of pyrolysis temperature and feedstock type on particulate matter emission characteristics during biochar combustion

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**This file includes Figs. S1 and S2.**



**Fig. S1.** Relationship between the VM and PM reduction rates.

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**Fig. S2.** Mass balance of each element in manure ash before and after heating at 650, 750, and 850 °C.