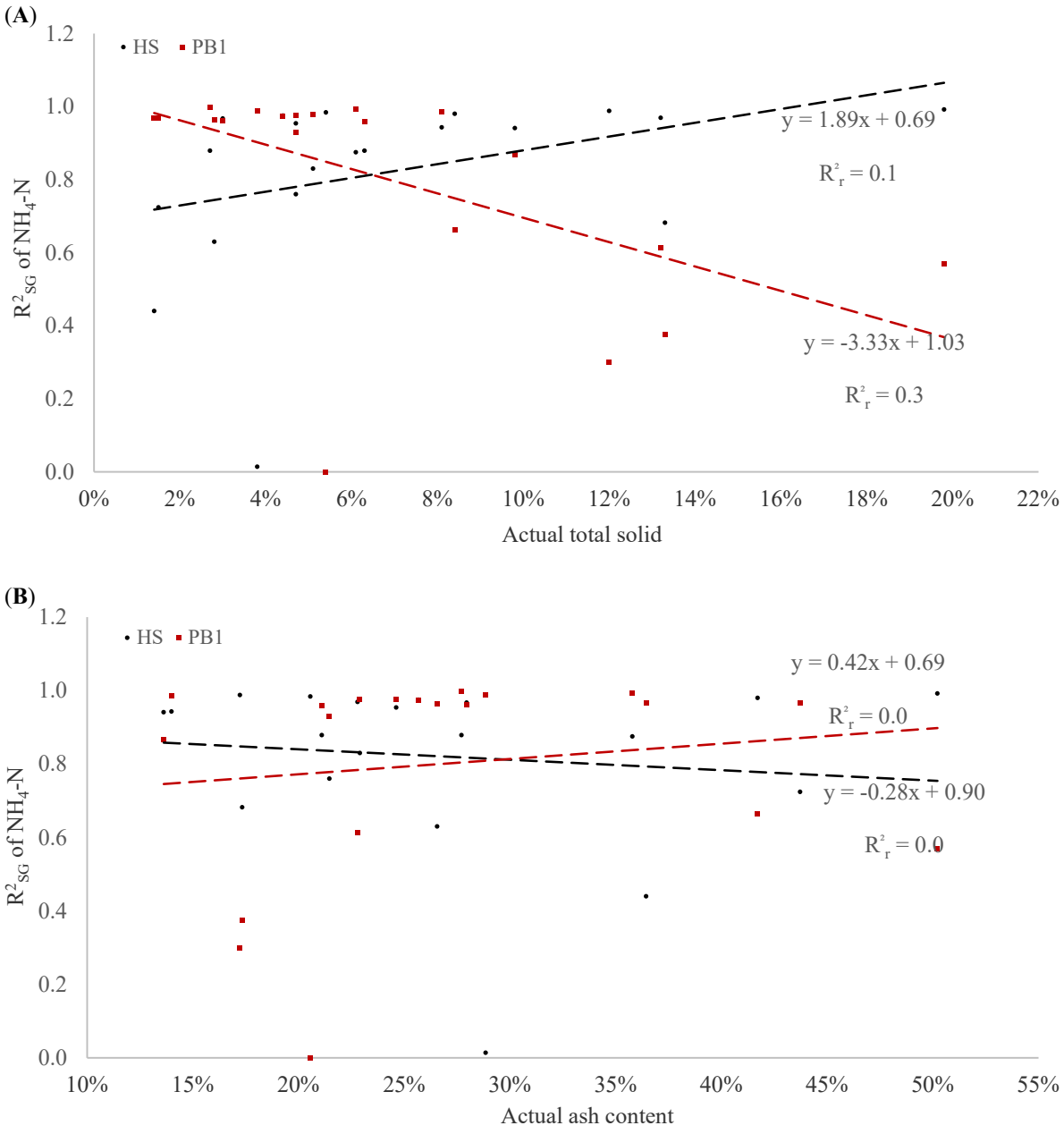
Supplementary Materials



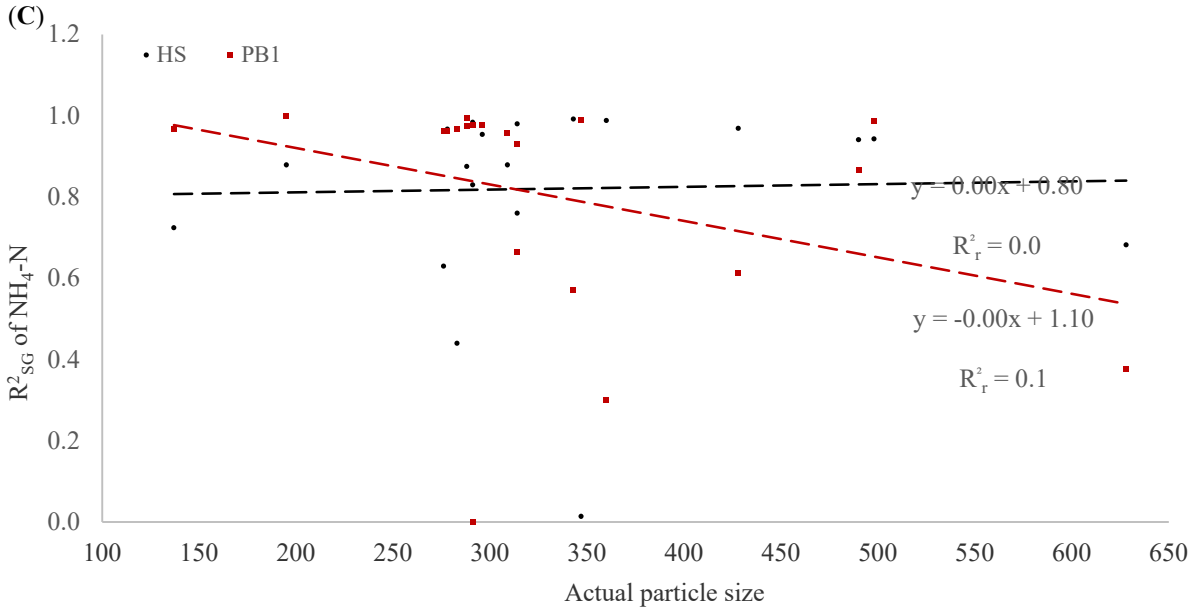
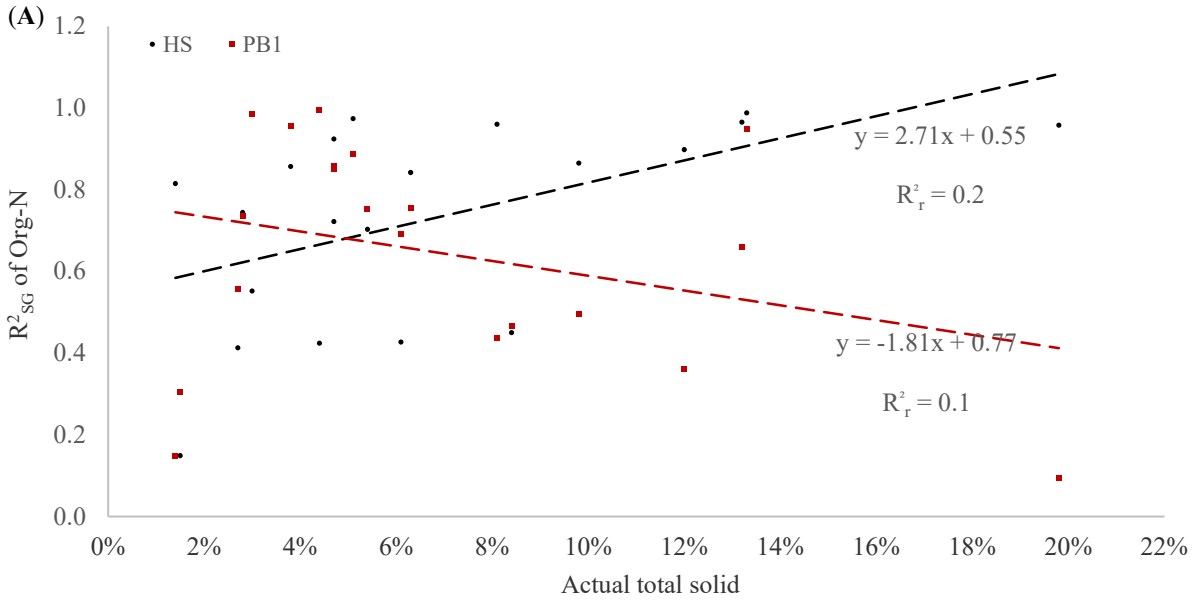


Figure S1. Linear regression of the R^2_{SG} of induvial spiking group (SG) for predicting NH_4-N vs. other manure compositions: (**A**) actual total solid; (**B**) actual ash content; (**C**) actual particle size (PS).



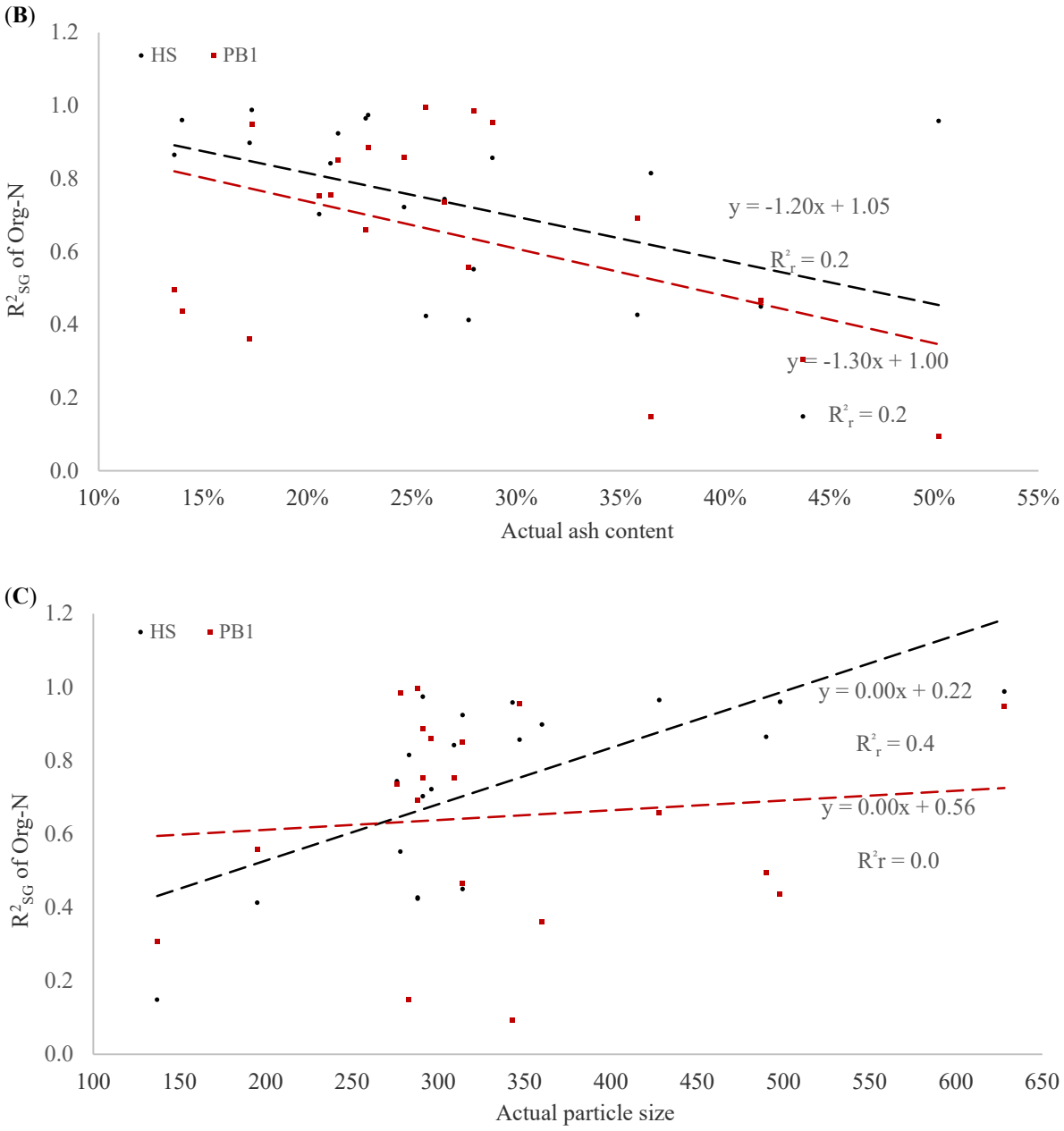


Figure S2. Linear regression of the R^2_{SG} of induvial spiking group (SG) for predicting Org-N vs. other manure compositions: (**A**) actual total solid; (**B**) actual ash content; (**C**) actual particle size (PS).