



Fig. 5. Effect of substrate types on substrate C mineralization parameters: size of fast pool (a), mineralization rate of fast pool (b), size of slow pool (c), mineralization rate of slow pool (d), size of intermediate pool (e) and mineralization rate of intermediate pool (f). Pool sizes of glucose-C and starch-C respiration (fast, intermediate and slow pools) and their associated mineralization rates (k_1 , k_2 and k_3) were best modeled by a triple pool model, and pool sizes of cinnamic acid-C and stearic acid-C respiration (fast and slow pools) and their associated mineralization rates (k_1 and k_2) were best modeled by a double pool model. Bars are mean \pm standard error ($n=3$).