# **Supplementary Material**

Figure S1: Counties, provinces, and regions of China



Figure S2: LISA maps of harvested areas of crops



Figure S2a: LISA maps of harvested area for all five crops combined



Figure S2b: LISA maps of harvested area for wheat



Figure S2c: LISA maps of harvested area for rice



Figure S2d: LISA maps of harvested area for soybean



Figure S2e: LISA maps of harvested area for potato

Figure S3: Generalized entropy index and the harvested area changes from 1980 to 2011

    

Figure S4: Moran’s I of cropland with different neighbourhood matrices