

Figure S1. Monthly average of water flow in flood season and non-flood season in five hydrological stations of Songhua river from 1956 to 2015.

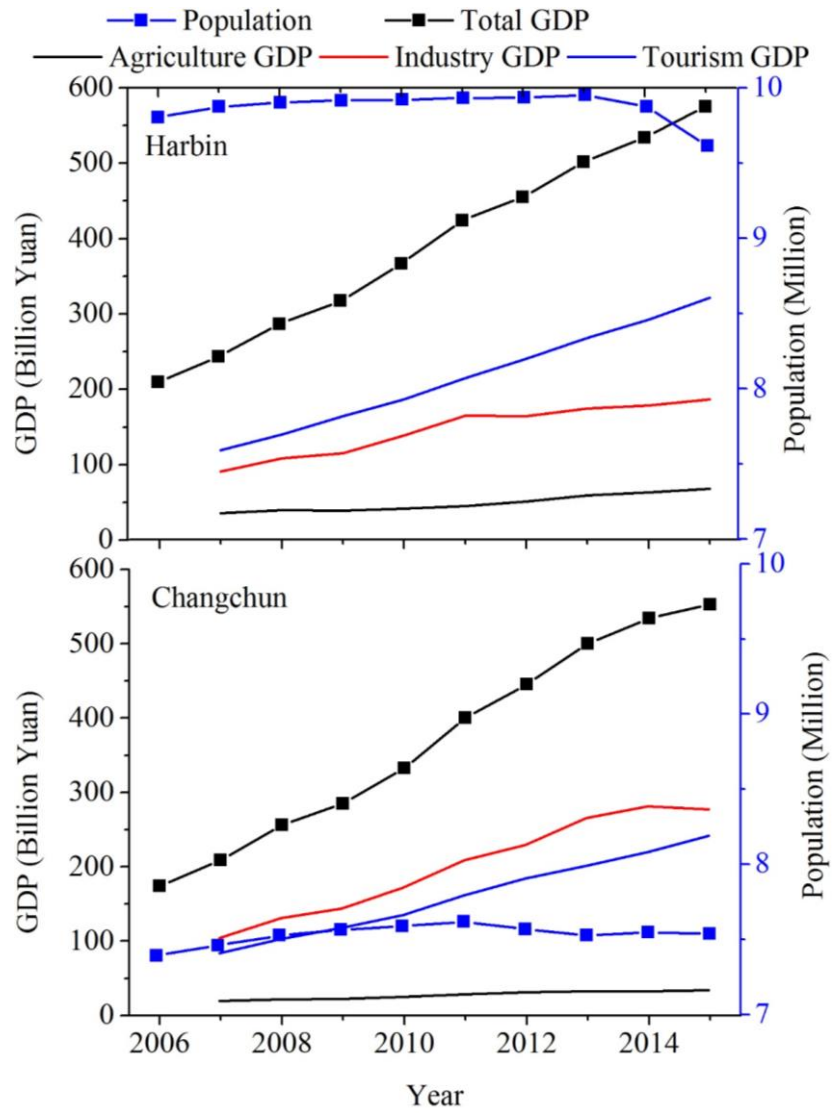


Figure S2. Population, gross domestic product (GDP) of agriculture, industry, tourism and total GDP in Harbin and Changchun which are two major cities along the Songhua river.