**Figure 4.** Mapping of malaria cases in Kokap Subdistrict (5 villages) and its clusters during May 2011- April 2012 outbreaks. Using Space-Time Permutation model, that considered time and locations in the analysis, three significant clusters (P-value < 0.05), shown inside the circles are identified, i.e. Kalirejo, Hargotirto and Hargomulyo clusters.