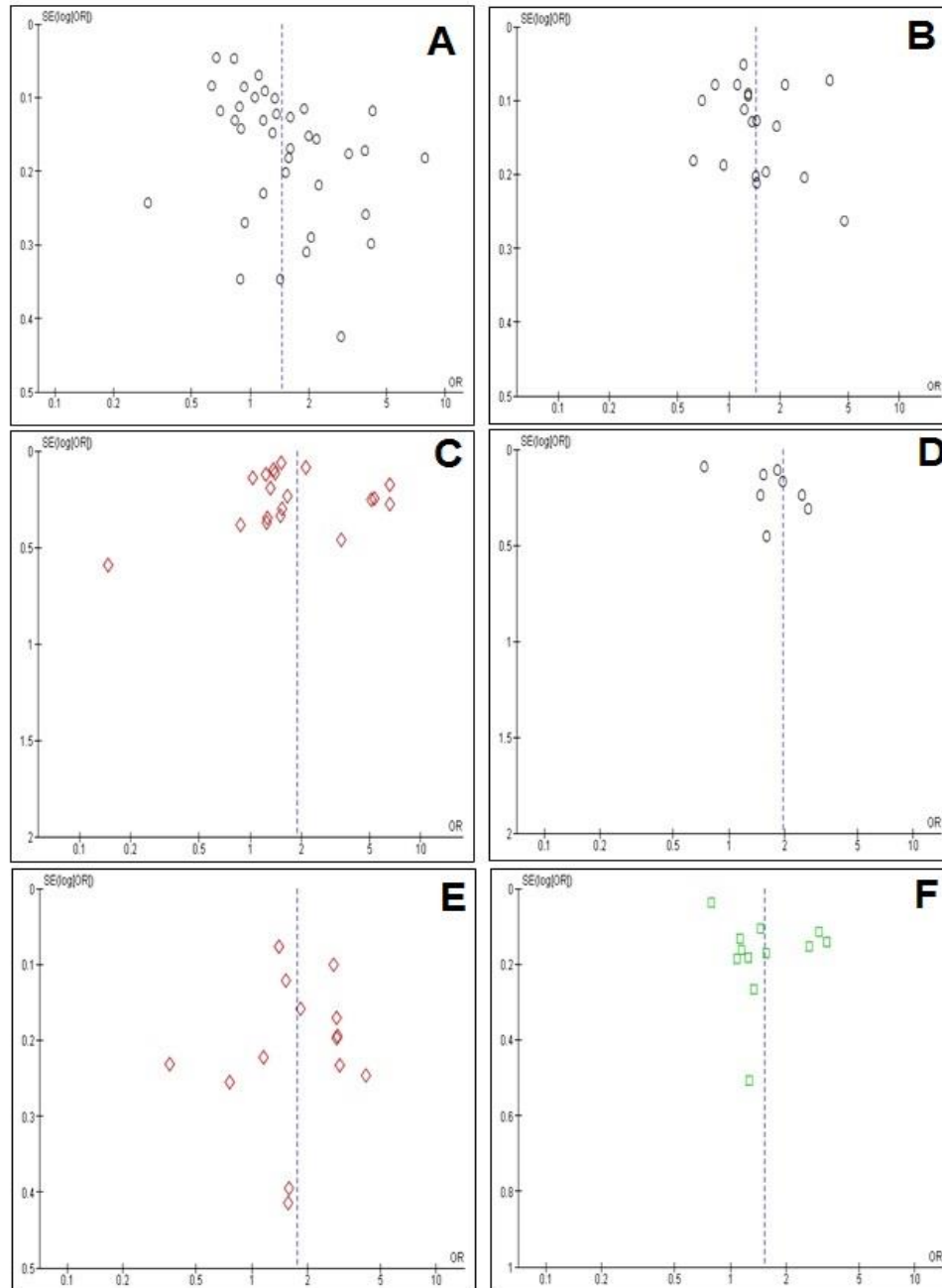


Supplementary Figures

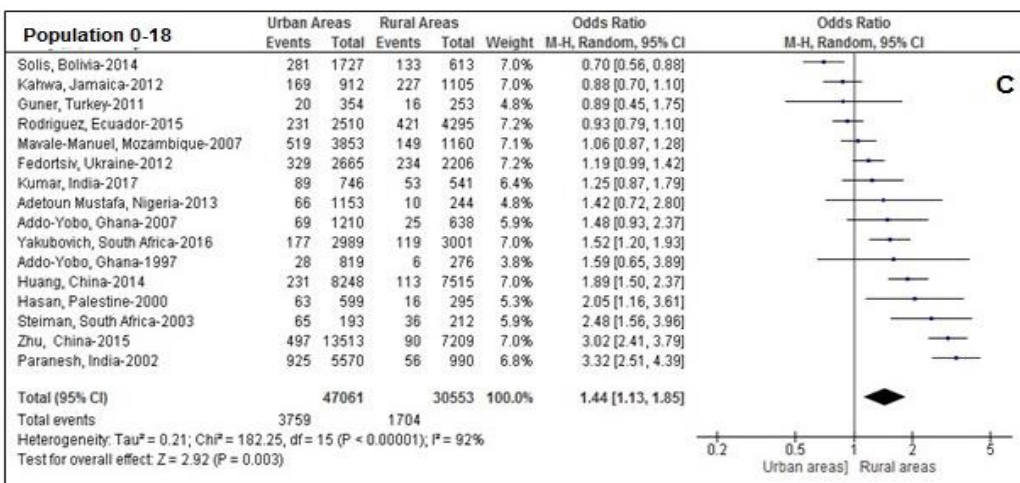
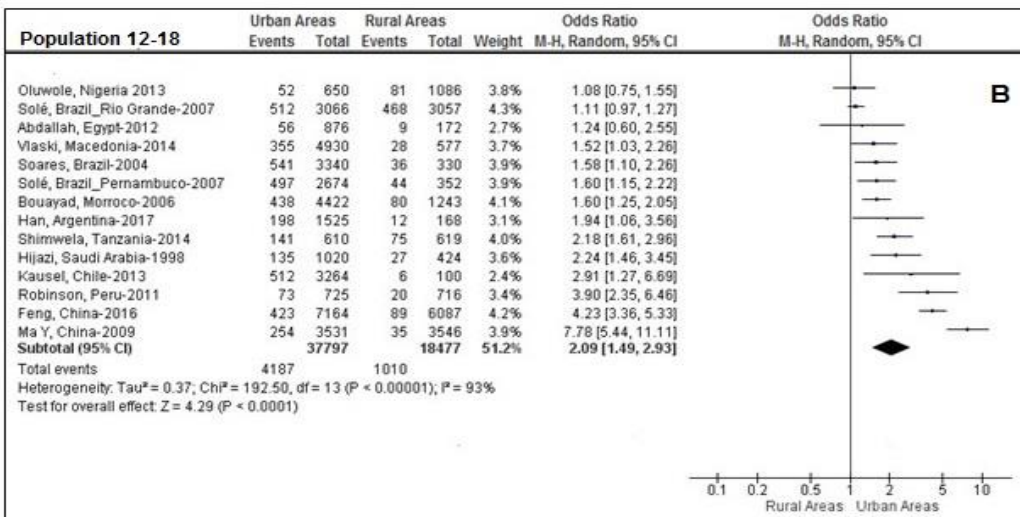
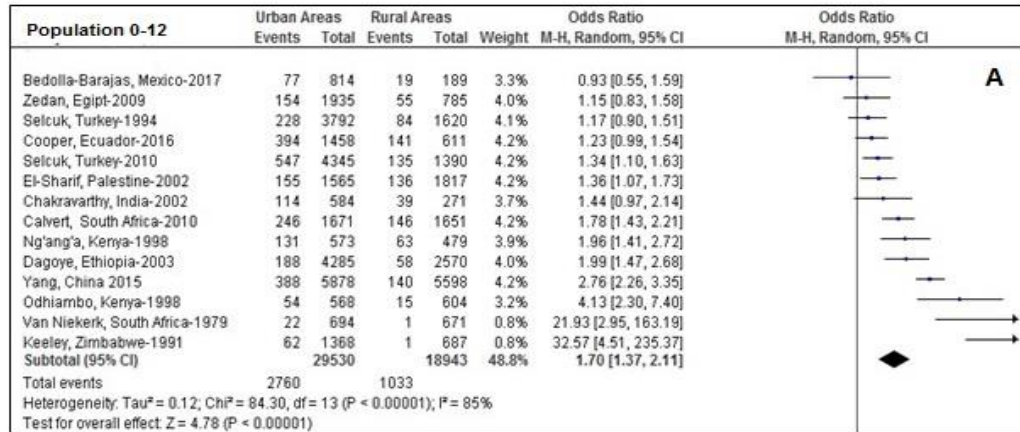
Supplementary Figure 1. Search terms and equations used for this review in PubMed, Scielo databases.

(asthma[tiab]) OR asthma prevalence*[tiab] OR wheeze*[tiab]
OR allergic diseases[tiab] OR allergic disorders[tiab] OR allerg*[tiab])
AND
(urbanization[tiab] OR urbanisation[tiab] OR urban area[tiab] OR rural area[tiab]
OR urban rural difference[tiab] OR rural urban comparison[tiab] OR urban environment
OR urban population[tiab] OR metropolitan area OR city OR inner-city[tiab]
OR municipal OR urban neighbourhood[tiab] OR country-side OR provincial
OR provincial OR rural community[Mesh]).
OR
(urban indicators[tiab] OR urban poverty OR socioeconomic status
OR urban deprivation OR socioeconomic factors
OR deprived areas OR rural poverty[Mesh])

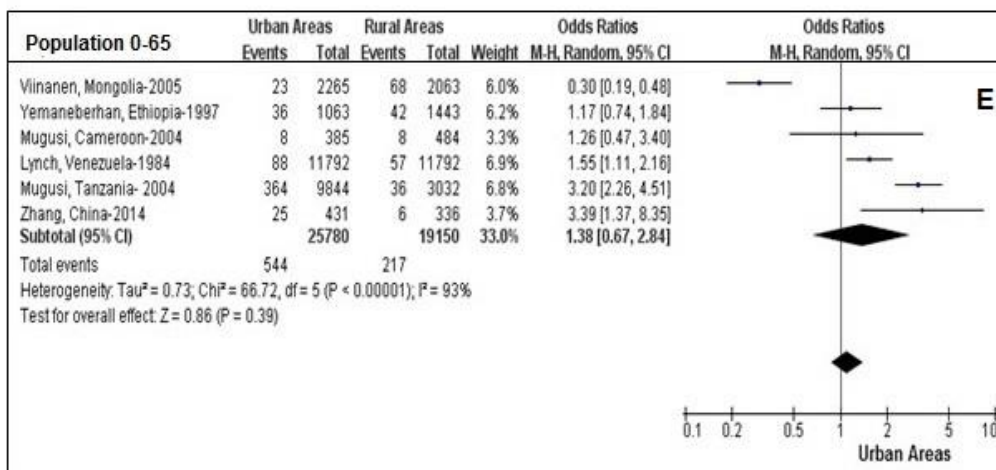
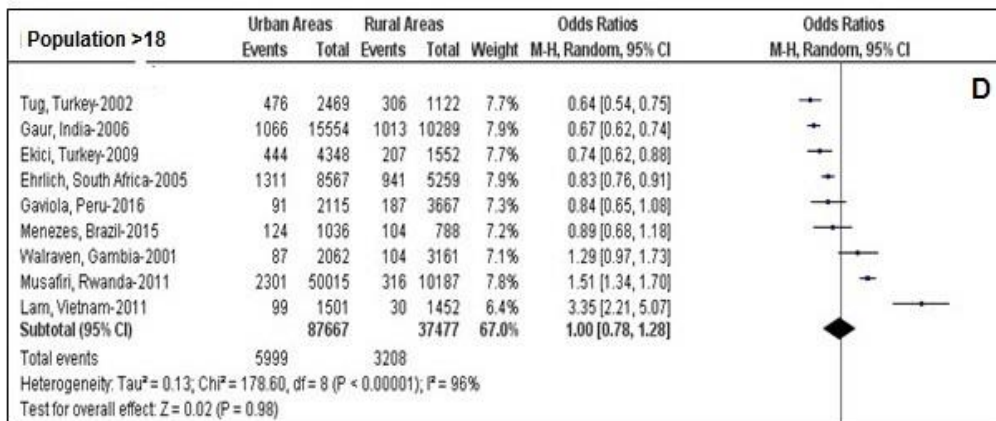
Supplementary Figure 2. Funnel Plots for asthma studies comparing populations living in urban versus rural areas by asthma definitions: (A) current wheeze, (B) wheeze ever, (C) doctor diagnosis, (D) exercise test, (E) self-reported asthma, and (F) asthma questionnaire.



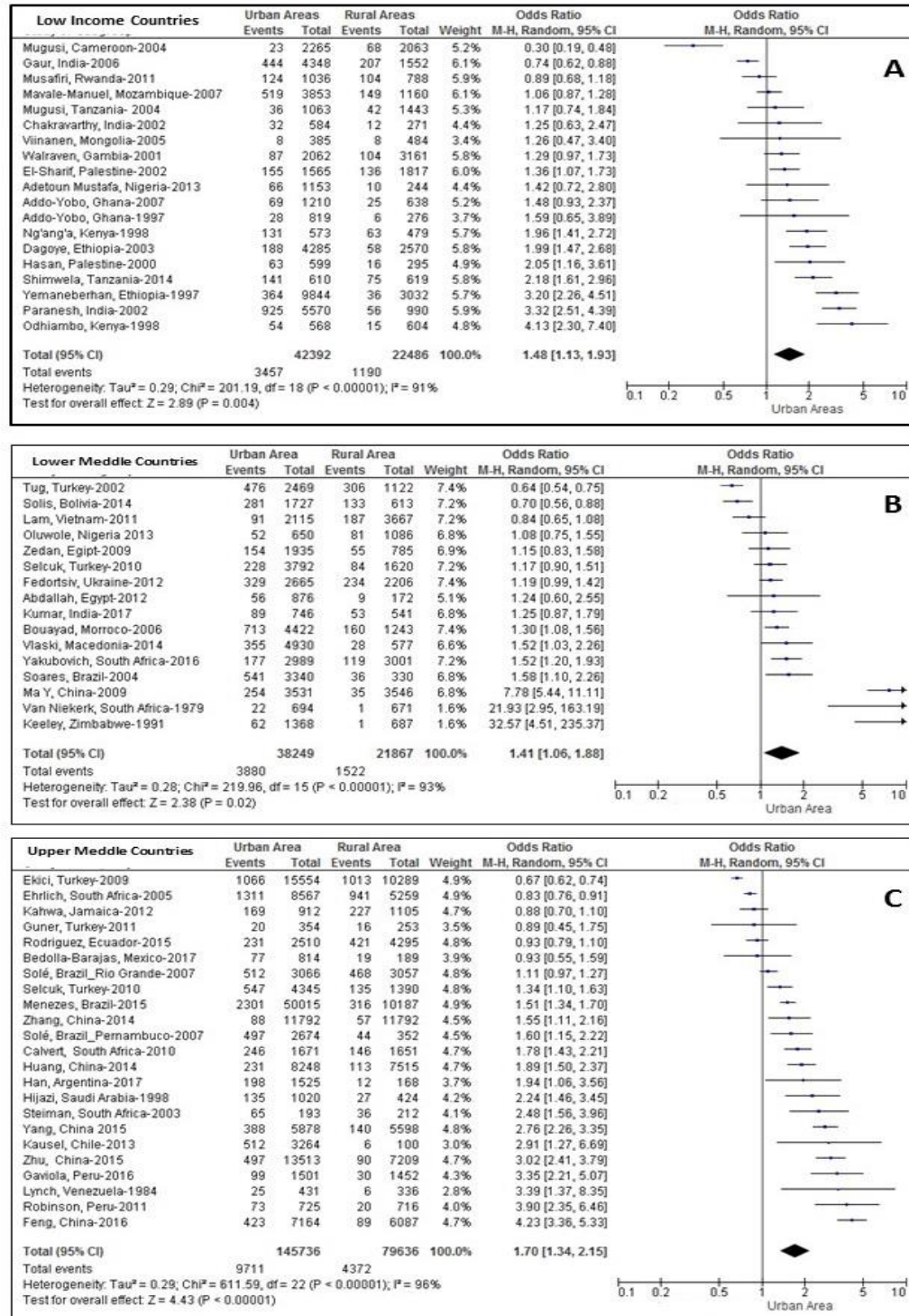
Supplementary Figures 3. Forest Plot and unadjusted Odd Ratios for asthma comparing populations living in urban versus rural areas by populations groups: (A) 0 – 12 years, (B) 12-18 years and (C) 0-18 years.



Supplementary Figures 4. Forest Plot and unadjusted Odd Ratios for asthma comparing populations living in urban versus rural areas by populations groups: (D) >18 years and (E) 0-65 years.



Supplementary Figures 5. Forest Plot and unadjusted Odd Ratios for asthma comparing populations living in urban versus rural areas by gross national income: (A) Low income countries, (B) Low middle-income countries, and (C) Upper middle-income countries.



Supplementary Figures 6. Forest Plot and unadjusted Odd Ratios for asthma comparing populations living in urban versus rural areas by region: (A) African countries, (B) Asian countries, and (C) Latin American countries.

