Supplementary Figure 1: Risk of bias of the observational studies included in the effectiveness analysis (n=41)

a. Representativeness based on the description of the source population, the representativeness of the eligible population, the inclusion criteria and the percentage of participation.

b. Selection of the compared groups from the same source and the response rate.

c. Comparability of administered vaccine, time since vaccination, risk of exposure to measles, malnutrition and exposure to control measures between groups.

d. Exposure assessment based on the method to ascertain vaccination status for all groups and the demonstration of no history of measles among no-cases.

e. Outcome assessment based on the case definition and the completeness of case reporting.