**Supplemental Figure 1.** Unadjusted and adjusted vaccine effectiveness of various vaccination histories against H3N2 virus infection associated MAARI, age ≥9 years, 2007-08.

aAdjusted for age, gender, high-risk conditions, season, interval (days) from onset to sample collection, influenza diagnosis code in prior seasons

bAmong persons with ≥5 years of continuous residency

Abbreviations: VE, vaccine effectiveness; MAARI, medically attended acute respiratory illness



**Supplemental Figure 2.** Unadjusted and adjusted vaccine effectiveness of various vaccination histories against H3N2 virus infection associated MAARI, age ≥9 years, 2012-13.

aAdjusted for age, gender, high-risk conditions, season, interval (days) from onset to sample collection, influenza diagnosis code in prior seasons

bAmong persons with ≥5 years of continuous residency

Abbreviations: VE, vaccine effectiveness; MAARI, medically attended acute respiratory illness