

Supplementary Information

Title: Association between cesarean delivery and childhood allergic diseases: a longitudinal, population-based study in Japan

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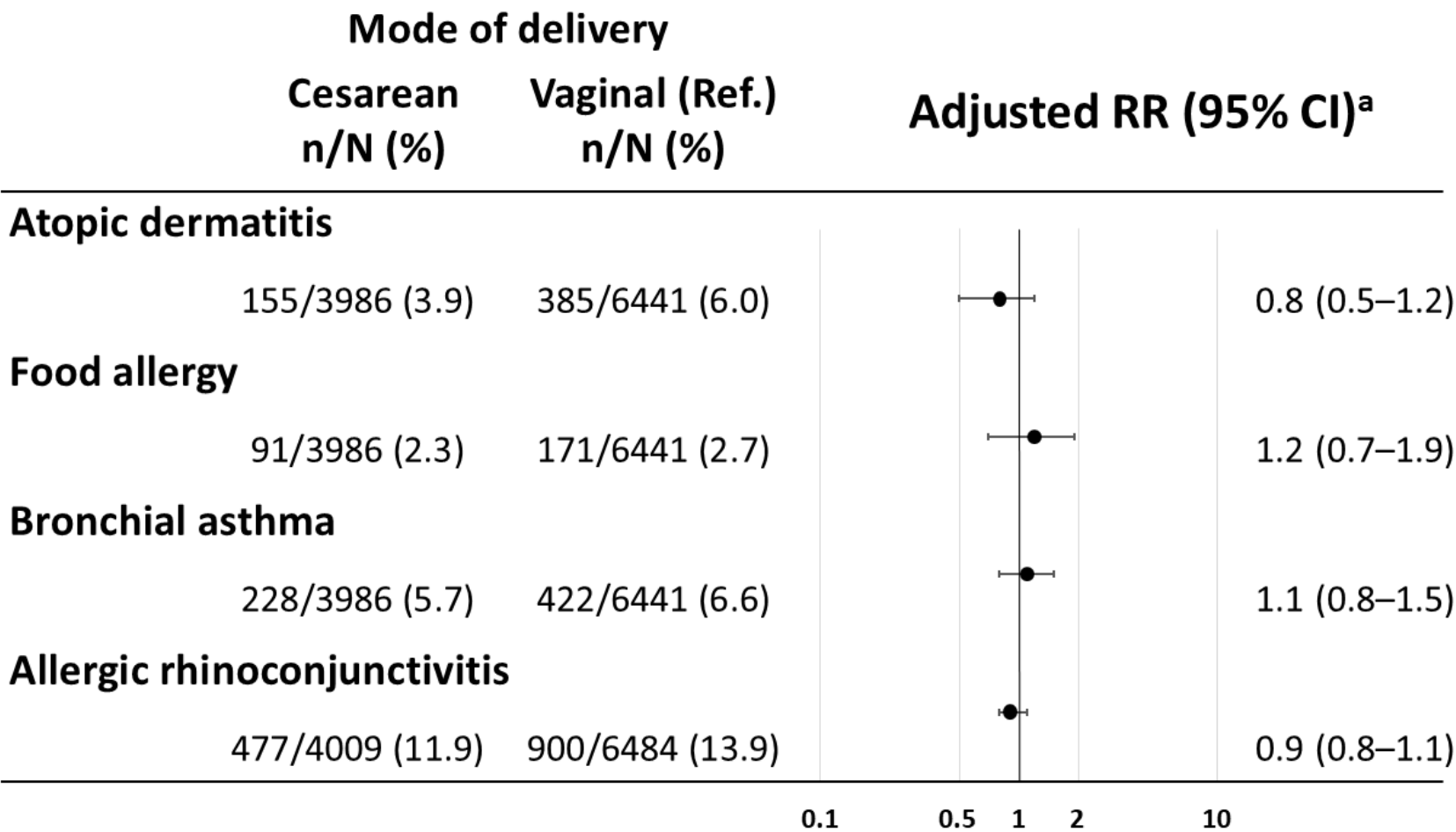
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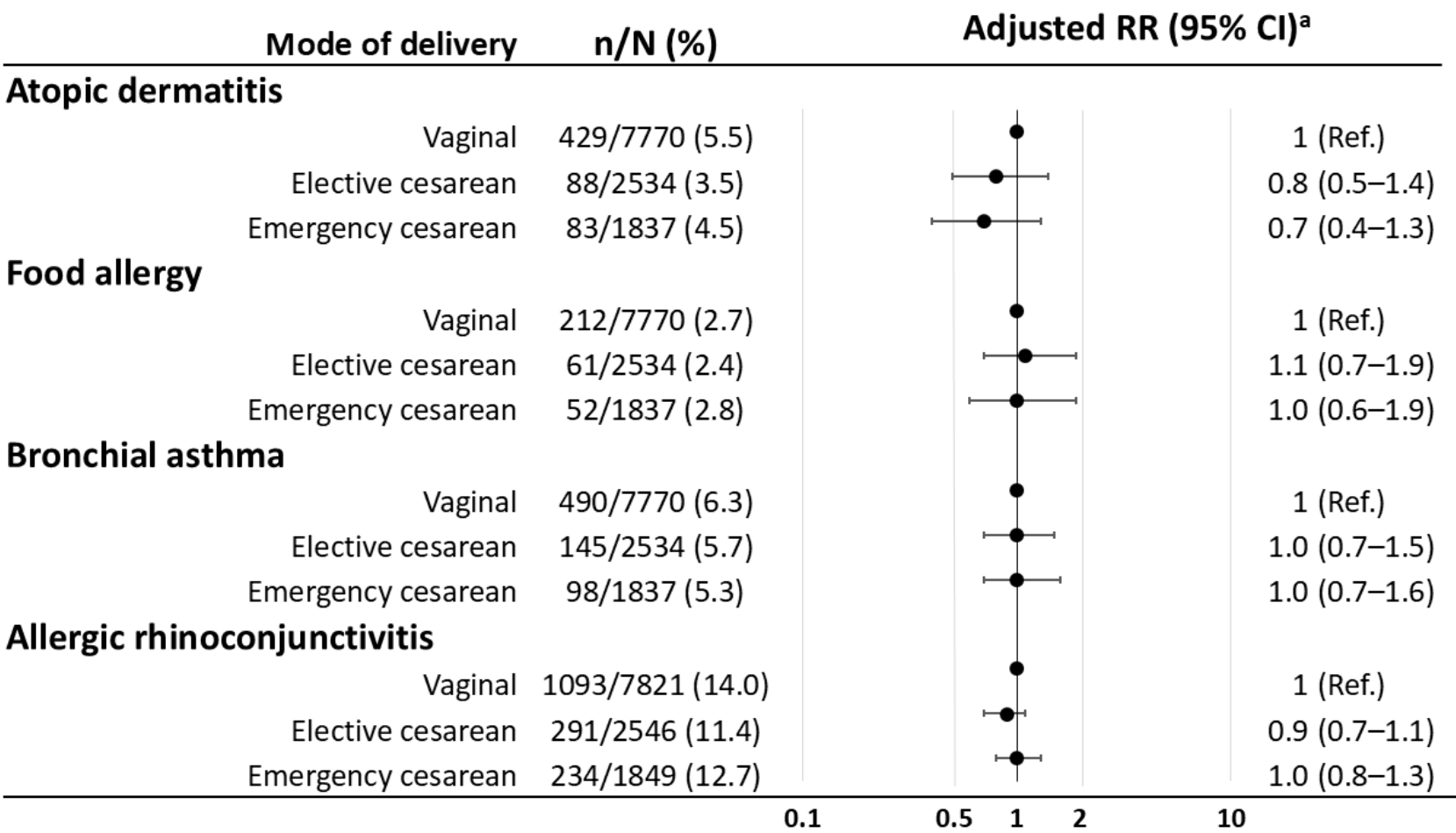
- Supplementary Figure S1: Adjusted RRs for associations between cesarean delivery and childhood allergic diseases using GEE analysis, excluding PROM cases.
- Supplementary Figure S2: Adjusted RRs for associations between cesarean delivery and childhood allergic diseases using GEE analysis, with the cesarean deliveries as elective or emergency.

Supplementary Figure S1. Adjusted RRs for associations between cesarean delivery and childhood allergic diseases using GEE analysis, excluding PROM cases.



CI, confidence interval; GEE, generalized estimating equation; PROM, premature rupture of membranes; Ref, reference; RR, risk ratio.
^aAdjusted for sex, parity, multiple pregnancies, *in vitro* fertilization, maternal smoking, maternal alcohol consumption, maternal age at delivery, paternal age at delivery, maternal education attainment, paternal education attainment, place of birth and residence, and maternal complications.

Supplementary Figure S2. Adjusted RRs for associations between cesarean delivery and childhood allergic diseases using GEE analysis, with the cesarean deliveries as elective or emergency.



CI, confidence interval; GEE, generalized estimating equation; Ref, reference; RR, risk ratio.

^aAdjusted for sex, parity, multiple pregnancies, *in vitro* fertilization, maternal smoking, maternal alcohol consumption, maternal age at delivery, paternal age at delivery, maternal education attainment, paternal education attainment, place of birth and residence, and maternal complications