**Table, Supplemental Digital Content 5.** Effect of rotavirus vaccination on child (< 5 years) clinic visits for diarrhea, by poverty level, provinces of Peru (N=194), 2005-2015

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| **Main effect model** | **Diarrhea IRR (95% CI)** |
| ongoing rotavirus vaccination (2010-2015; ref: 2005-2009) | 0.93 (0.90, 0.96) |
|  |  |
| povertya quartile 2 (ref: quartile 1) | 1.04 (0.95, 1.14) |
| poverty quartile 3 (ref: quartile 1) | 0.96 (0.86, 1.07) |
| poverty quartile 4 (ref: quartile 1) | 0.91 (0.81, 1.02) |
|  |  |
| moderate/strong El Niño period (ref: no El Niño/weak El Niño)b | 1.06 (1.04, 1.08) |
| year | 0.96 (0.96, 0.97) |
| IRR = incidence rate ratio; CI = confidence interval; ref = referent group  In an interaction model (not presented), the effect modification term between poverty quartile and ongoing rotavirus vaccination was not significant at *p* < 0.05 (*p* = 0.73).  a. Defined by the percentage of households in a province below the poverty line.  b. Refers to a three-month period classified as having a moderate or strong El Niño event. | |