



Abstract Title: *Evidence of declining dietary diversity among children aged 1-5 years between 2005 and 2017 in lower-income countries*

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Abstract:

Objectives: We sought to estimate trends in dietary diversity in children aged 1-5 years living in lower-income countries. We hypothesized that dietary diversity is increasing over time in this population, independent of changes in wealth.

Methods: We utilized 89 Demographic and Health Surveys conducted in 59 countries to cross-sectionally measure two separate outcomes, 1) the number of different types of food the child ate in the previous 24 hours (dietary diversity) and 2) the proportion of children who only ate one type of food in the previous 24 hours. We then estimated change over time across the years 2005-2017 in both a child-level analysis using negative binomial regression and logistic regression models, respectively. We also conducted a country-level analysis using a meta-analysis approach. In the

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Publications: Salmon KS

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[29th World Congress on Diet, Nutrition and Obesity" April 13-14, 2020 at Auckland, New Zealand.](#)

Abstract Citation Salmon KS

, [Evidence of declining dietary diversity among children aged 1-5 years between 2005 and 2017 in lower-income countries, 29th World Congress on Diet, Nutrition and Obesity" April 13-14, 2020 at Auckland, New Zealand.](#)