Subject: Re: Rotav Vaccine and nutrition
Posted by Janet-DHS on Tue, 17 Oct 2023 16:30:04 GMT
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Following is a response from DHS staff member, Tom Pullum:

Sorry--I don't use R. Basically I recommend that you think in terms of variables rather than sub-populations. Children can be classified according to a nutrition variable (for example, with categories for exclusive breastfeeding, partial breastfeeding, not being breastfed at all) and diarrhea in the past two weeks (yes / no). You can cross-tabulate these two variables, or you can do a logit regression of the diarrhea variable on the nutrition variable, to see whether there is an association. You need to include controls for age, etc., which is much easier with a multivariate method such as regression than with tabulation. You should be able to find many examples of this type of analysis if you search the literature on child health and nutrition.

If you restrict your analysis to children who have diarrhea, then you can only describe that group, and can't get at how they differ from children who do not have diarrhea.