Subject: Re: Rotav Vaccine and nutrition
Posted by backclac on Sat, 14 Oct 2023 10:25:16 GMT
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Thank you for the response.
I thought my project should focus only on children under 5 years old who had diarrhoea but I understand you. It should be a Kind of "case" and "control" group.

By standardization or uniformity; I meant using the same target group that had diarrhoea for calculating my indicators. After determining those who had diarrhoea and those who did not.

However, I will use both populations in the calculation as advised.

I am just wondering about the effect of this indicator variable "ch_diar==1" in my syntax below, adopted from CH_DIA.R. on github.

My understanding is to generate only children who answered yes to "Diarrhea in the 2 weeks before the survey" and were exclusively breastfed or breastfeeding. This will be the same for estimating other indicators.

Please how do I submit the cross-tabulation generated from my R syntax for verification? I believe it will help me explain my confusion better.

Example

//Diarrhea symptoms

```{r}
cgkr <- cgkr %>%
  mutate(ch_diar =
           case_when(
             (h11==1 | h11==2) & b5==1 ~ 1,
             b5==1 ~ 0  )) %>%
  set_value_labels(ch_diar = c("Yes" = 1, "No"=0)) %>%
  set_variable_labels(ch_diar = "Diarrhea in the 2 weeks before the survey")

```
#// # //Diarrhea treatment
```{r}
cgkr <- cgkr %>%
  mutate(ch_diar_care =
           case_when(
             ch_diar==1 &
               (h12a == 1 | h12b == 1 | h12c == 1 | h12d == 1 | h12e == 1 | h12f == 1 |
                h12g == 1 | h12h == 1 | h12i == 1 | h12j == 1 | h12k == 1 | h12l == 1 |
                h12m == 1 | h12n == 1 | h12o == 1 | h12p == 1 | h12q == 1 | h12r == 1 |
                h12s == 1 |           h12u == 1 | h12v == 1 | h12w == 1 | h12x == 1 )  ~ 1 ,
```

```
          ch_diar==1 ~ 0)) %>%
  set_value_labels(ch_diar_care = c("Yes" = 1, "No"=0)) %>%
  set_variable_labels(ch_diar_care = "Advice or treatment sought for diarrhea")

```

ch_diar==1 & nt_ebf: "Diarrhea in the 2 weeks before the survey" and were/are exclusively breastfed/ breastfeeding???

```{r}
cgkr <- cgkr %>%
mutate(nt_ebf =
case_when(ch_diar==1 &
age<6 & nt_bf_status==1 ~ 1 ,
age<6 & nt_bf_status!=1 ~ 0,ch_diar==1 ~ 0)) %>%
set_value_labels(nt_ebf = c("Yes" = 1, "No"=0 )) %>%
set_variable_labels(nt_ebf = "Exclusively breastfed - last-born under 6 months")
```

I am grateful for your guidance.