**Relationship between maternal dietary habits and breast milk composition: a cross-sectional study**

**DATA:** csv dataset including 260 subjects (rows) and 454 variables (columns)

(this dataset has been simulated)

**RESEARCH QUESTION:**

Several studies expect/assume an association between maternal diet and breast milk composition, but the reported information is still inconclusive.

*One-to-one relationships* have been reported.

**Statistical methodologies should be improved**, in order to consider overall diet and milk as a whole.

Is there a relationship between *overall* maternal diet and breast milk composition?

How can we handle the complexity of diet and the complexity of milk components and their relationship?

**FOCUS:** key elements to mimicking

* represent maternal diet as an overall exposure
* represent milk composition in a novel way
* relate diet as a whole with breast milk composition
* adjust effect estimates of diet with confounding factors:

**PROGRESS REPORT**: December, 20

**ADDITIONAL FILES**: food-frequency questionnaire and codebook