As we discussed during our last call, it would be useful to expand our list of searchable variables based on information that is already present in the existing database. Below is a list of useful variables and the necessary information needed to derive them. These variables are simple whether or not criteria were met for a particular clinical phenotype.

All of these clinical phenotypes have to do with malaria (disease) or asymptomatic parasitemia

All of these variables can be derived from the cohort study all clinic visits database

|  |  |  |
| --- | --- | --- |
| **Variable name (existing or proposed)** | **Proposed ontology term** | **How the variable is derived** |
| anymalaria | Diagnosis of malaria (unspecified) | Already exists in database |
| uncomplicatedmalaria | Diagnosis of uncomplicated malaria | Already exists in database |
| complicatedmalaria | Diagnosis of complicated malaria (danger signs or severe malaria) | Already exists in database |
| dangersigns | Diagnoses of complicated malaria with danger signs | cmcategory = 3 |
| severemalaria\* | Diagnosis of severe malaria | cmcategory = 4 |
| malariapreg | Diagnosis of uncomplicated malaria in the 1st trimester of pregnancy | malaria = 6 |
| asymparasitemia | Asymptomatic parasitemia (positive blood smear in the absence of fever) | malariacat = 2 |

\* additional information on the criteria met for severe malaria can be found in the categorical variable “sevmalcat”

I would suggest “hiding” the following variables from the database (i.e. not including them in the list of searchable terms) as these are just used to derive the variables above: “malaria”, “malariacat”, “cmcategory”