Outline of model files for:

**Synergies between climate mitigation and rural poverty alleviation through the Tanzanian dairy roadmap**

**Description**

Folder contents include excel sheets (.xlsx) used in income accounting module. The herd populations at production system level for the four studied districts are calibrated within the python module and loaded into the sheet scenario\_parameters\_LSA.xlsx. From these herd populations, the income accounting procedure calculates imputed household income for the three household types across districts. These results are then tallied to each household type, district and region in Income\_aggregation.xlsx.

**Contents**

* **District summary data (District\_data.xlsx)**

Basic household data sources derived from GLS (2019) used in income accounting module

* **Scenario Parameters (Scenario\_parameters.xlsx)**

Data sheet linking raw output data from python to sector level herd population parameters for each scenario

* **Income per household by district (Income\_accounting\_#Mufindi, Mvomero, Njombe, Rungwe. xlsx)**

Used to link district herd populations (from Scenario Parameters LSA) to household level following equation (1) of article

- Used to conduct dairy NPV calculations, household income, and population level income across scenarios

* **Aggregation of income across districts (Income\_aggregation.xlsx)**

Aggregates income results from district specific sheets