



# LIM variables

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# Background

- The Generic Statistical Information Model (GSIM)  
Concepts most established and elaborated
- Other models can be implemented in different ways
- May happen to GSIM unless there is a common understanding on how to interpret and use the model
- Risk for use in CSPA





# What is a variable?

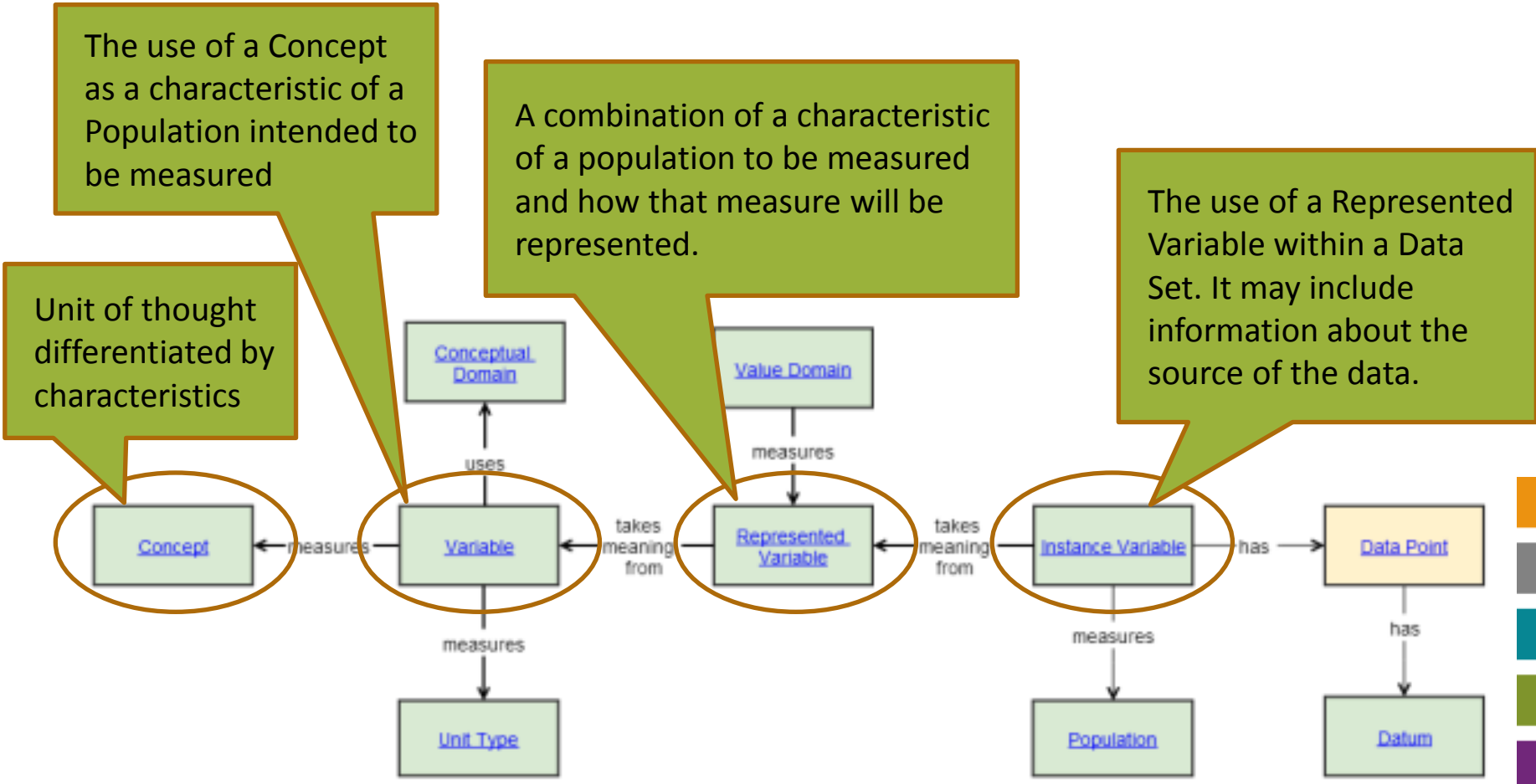


**GSIM**





# Definitions





# Example

## Variable

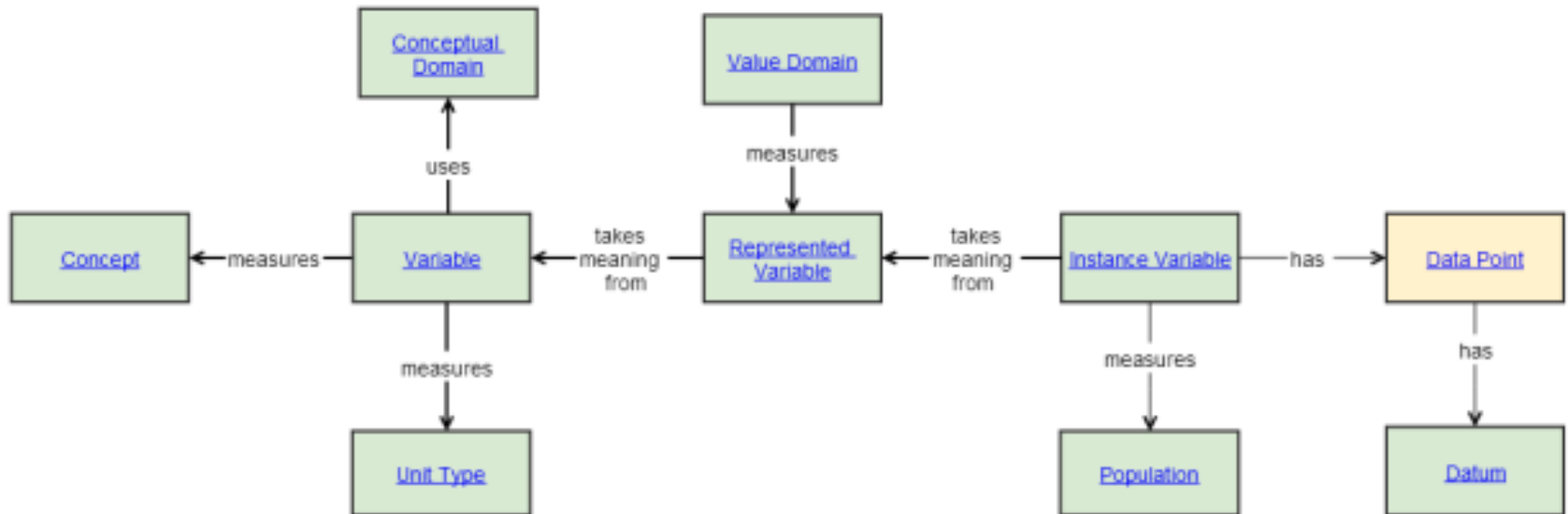
Sex of person

## Represented variable

Gender m, male - f, female

## Instance variable

Gender: Dan Gillman  
has gender <m, male>,  
Arofan Gregory has  
gender<m, male>, etc.

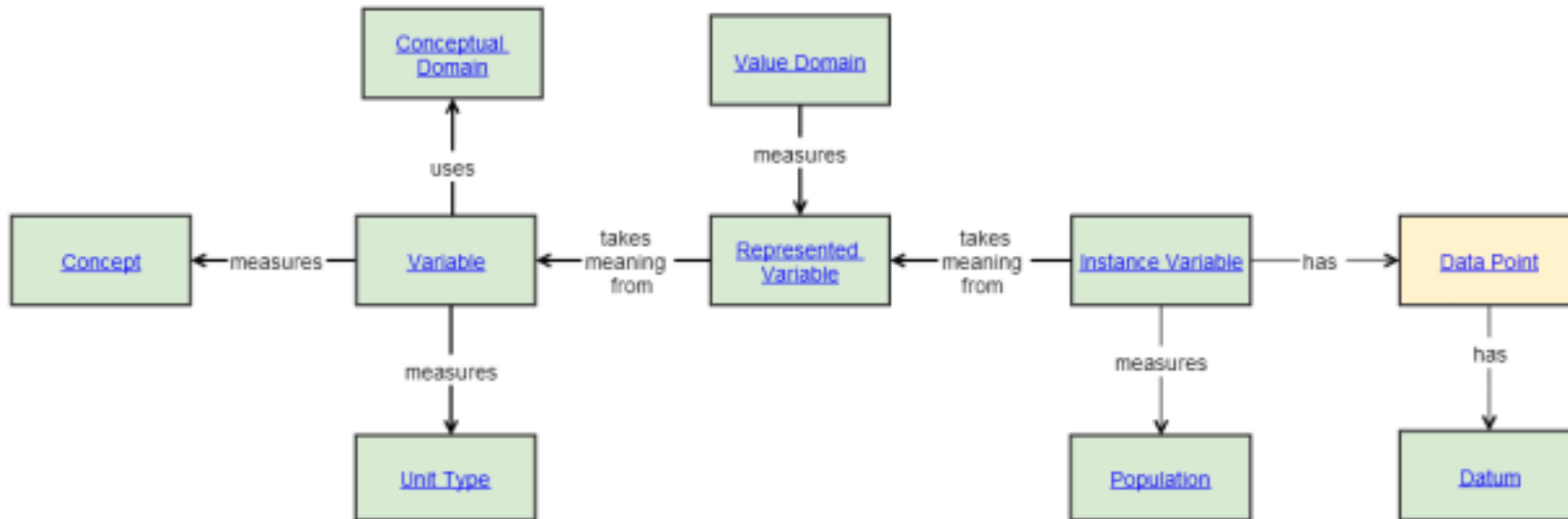




# How do we handle...

Sex of Mother - Concept, variable, represented variable? Combination of unit type and variable?

Micro – macro (link to GSBPM)





# Scope

- Clarify the use of statistical variables and their roles within CSPA LIM, based upon the experiences already gained from GSIM implementations and DDI 4 development.
- Facilitate collaborations using CSPA and within other modernization/standardization initiatives.
- Using examples from previous GSIM implementations





# Objectives

- Create UML models for set of LIM classes related to statistical variables
- Provide short, preliminary guidance document that covers only the most common use cases
- Provide recommendations to extend/amend GSBIM based on the activity findings
- Provide full, detail guidance and use cases on how to use the Variable LIM classes across the GSBPM
- Develop a Best Practices document







# Summary

- helping to underpin interoperability of CSPA components
- increasing understanding for users
- mapping to DDI and SDMX

