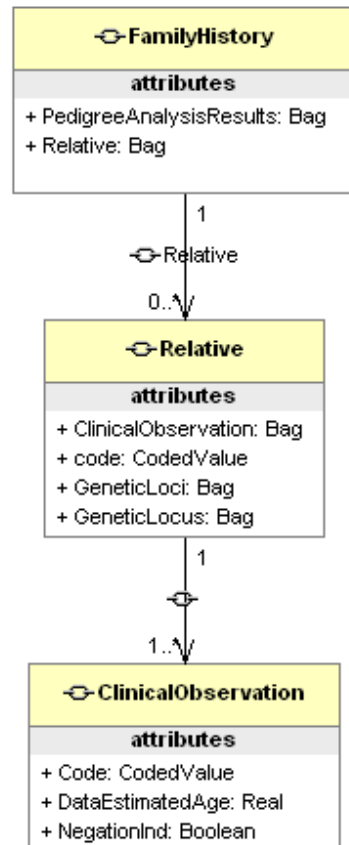


Gello Use cases

Breast cancer family History
Medical-Objects

Present a Simplified View

- Class view of RIM Model
- Allows Gello datatypes
- Avoids casting values
- Less Ambiguous
- Easier for clinicians
- Makes GELLO easy to write
- Classes shown are not complete wrt RMIM



Example GELLO

```
Let BreastCancer: CodedValue = Factory.Codedvalue('SNOMED-CT', 'xxxxxx')
```

```
Let BreastCancerRisk: Boolean =  
  not FamilyHistory.Relative -> Select( ClinicalObservation.code.implies(BreastCancer) and  
    (ClinicalObservation.DataEstimatedAge < 50)).isEmpty()
```

- Gello easy for clinicians to understand
- Declared datatypes available without casts
- Full expressive power
- Full RMIM available
- Consistent with examples
- Real usage would require check that data was entered for patient