**Create 2 Schematron files 1) MDQ [3 tests]; and DQM [IF list created: 2 tests; ELSE 0 texts]**

**MeasureReference MDQ**

Simple enough

(count(measureIdentification) > 0) OR (count (nameOfMeasure) AND count (measureDescription)>0)

**QualityEvaluationReportInformation MDQ**

Constraint dropped

count(reportReference) + count(onlineResource) > 0

***EvaluationMethod MDQ***

Able to be done

evaluationMethodType.oclAsType(indirect) implies count(deductiveSource)>0

***QualityResult MDQ***

*Tricky – unrealistic to test as it would rely on systematic implementation of MD\_Scope X 2*

*resultScope shall be a subset of DataQuality.scope*

**QuantitativeResult MDQ**

*Tricky – unrealistic as value is a gco:Record type*

*if value is a number, valueUnit > 1*

**MDQ**

Simple enough

"resultContent" + "resultFormat" > 0

**SourceReference DQM**

*Note: not able to test*

*sourceReference shall be provided if external source exists*

**QualityMeasure DQM**

*Note: not able to test*

*description shall be provided if the definition is not sufficient to understand the measure*

*Note (assume typeName drawn from registry) - unrealistic*

*elementName shall be the TypeName of a data quality element*

*Note: not able to test*

*parameter shall be provided if required*

*Note (as value in dqm:Abstract\_QualityResult is gco:Record type)*

*valueStructure shall be provided if the result includes more than one value*

*Not able to test OR refer to Footnote*

valueType shall be one of the data types defined in ISO 19103

**BasicMeasure DQM**

*Not able to test OR refer to Footnote*

valueType shall be one of the data types defined in ISO 19103

**MeasureParameter DQM**

*Not able to test OR refer to Footnote*

valueType shall be one of the data types defined in ISO 19103

?Create list of allowable valueTypes (from 19103)?