

Defining Balance Equalities in Practice Using FMR Validation Schemes

Validation Scheme Wizard

BIS:VS1(1.0)

- 1. Details
- 2. Attachment
- 3. CSV Import
- 4. Expression builder

This step is optional. Use this step to import custom validation expressions. The CSV may include quotes for each value, example "AN_ID","A Name","A description". Any CSV rules will be added in addition to any rules which may exist for this Validation Scheme.

Each validation expression can contain 'meta' information such as an Id, Name, and Dimension Id.

The rules' expression is then broken down into: **Dimension Id** on which the rule is operating, e.g REF_AREA; **Output**, either numerical, or Code Id in square brackets e.g [EUROPE]; **Equality Operator**, valid values are =,<>,<,<=,>,>=; and **Expression**, where each Code Id in the expression must be placed in square brackets, for example [UK]+[FR]+[DE]. Valid operators are +,-,/,* and brackets '()' are supported.

Rule Details	Column Index	Rule Expression	Column Index
Rule Id	<input type="text" value="1"/>	Dimension Id	<input type="text" value="3"/>
Rule Name	<input type="text" value="2"/>	Output	<input type="text" value="4"/>
Rule Description	<input type="text"/>	Equality Operator	<input type="text" value="5"/>
		Expression	<input type="text" value="6"/>

REF_AREA_BALANCE_Europe balance check REF_AREA [EUR],=",[DE]+[FR]+[ES]+[IT]"

Equalities are defined for specific dimensions in a DSD - REF_AREA in this example.

An expression defines the balance calculation – standard arithmetic operators are allowed (+ - / *).

Balances of the following form are also allowed:
 $0 = [EUR] - ([DE]+[FR]+[ES]+[IT])$