

FMR's Nine Validation Rules

Rules		Test Applied
Semantically Compliant	✓	The XML, JSON, CSV, or Excel is well-formed
Duplicate Observations	✓	Uniqueness – there is only one observation value reported for each time period
Mandatory Attributes	✓	All mandatory attributes are reported
Obs Status	✓	Obs status is consistent with the observation value
Time Period Format	✓	E.g. FREQ=M means TIME-PERIOD format must be YYYY-MM
Valid Calculations	Observation consistency	Balance equalities defined using Validation Schemes
Valid Constraint	valid universe of data D	The data is within the universe defined by Data Constraints
Valid Representation		Each component complies with representation defined in the DSD
Valid Structure	✓	The dimensions and attributes are consistent with the DSD