

Table A1.1 Definition of the Data Fields Associated with DICTIONARY

Field Name	Data Type / [Value]	Definition
Parameter	PString	The name of this parameter
Dimensionality	[1 2 3 4 5 6]	The number of dimensions for this parameter
Data Type	["String" "Integer"]	The data type of this parameter
Primary Key	[T F]	Flag specifying if this parameter is a primary key for the retrieval of data from databases
Scalar	[T F]	Flag specifying if only one value is associated with each set of indices. See Appendix B for a complete explanation.
Minimum	Integer	If 'Data Type' equal "String" the minimum inclusive length of the string
	Integer	If 'Data Type' equal "Integer" the lowest inclusive integer value
	Float	If 'Data Type' equal "Float" the lowest inclusive float value
	String	If 'Data Type' equal "Logical" the string to represent false
Maximum	Integer	If 'Data Type' equal "String" the maximum inclusive length of the string
	Integer	If 'Data Type' equal "Integer" the highest inclusive integer value
	Float	If 'Data Type' equal "Float" the highest inclusive float value
	String	If 'Data Type' equal "Logical" the string to represent true
Fill Value	Same as Maximum	Value to use when no value is given
Unit of measure	String[32]	The unit of measure for this parameter
Description	String	A short description of the parameter
Stochastic flag	[T F]	Flag specifying if this parameter can be varied in a stochastic analysis
Preposition	[at for from ...]	Used to precede this parameter's values when generating a description
Key1 or Label1	PString String	A parameter name or label that describes the corresponding indice
Key2 or Label2	PString String	A parameter name or label that describes the corresponding indice
Key3 or Label3	PString String	A parameter name or label that describes the corresponding indice
Key4 or Label4	PString String	A parameter name or label that describes the corresponding indice
Key5 or Label5	PString String	A parameter name or label that describes the corresponding indice
Key6 or Label6	PString String	A parameter name or label that describes the corresponding indice