

parameter_cv	Parameter Control Variables: KEYWORDS			
Variable type	Variable name	Defaults	Description	
integer	ndim	-	Spatial dimensions for parameters (1 if temporal only)	
Q_compression_cv	Prior Covariance Compression Control Variables: TABLE			
Variable type	Variable name	Defaults	Description	
integer	BetaAssoc	-	Integer identifiers of beta associations	
integer	Toep_flag	-	Using Toeplitz matrix for Qss. [0] No, [1] Yes	
integer	Nrow	-	Number of model rows	
integer	Ncol	-	Number of model columns	
integer	Nlay	-	Number of model layers	
parameter_groups	Parameter Groups: TABLE			
Variable type	Variable name	Defaults	Description	
character (len=50)	groupname	-	Name of the parameter groups	
parameter_data	Parameter Data: TABLE			
Variable type	Variable name	Defaults	Description	
character (len=50)	GroupName	-	Name of group	
double precision	StartValue	-	Starting values of parameters	
character (len=50)	ParamName	-	Name of parameter	
double precision	x1	-	Location in first dimension (time if a time series)	
double precision	x2	-	Location in second dimension (read if ndim >= 2)	
double precision	x3	-	Location in third dimension (read if ndim >= 3)	
integer	SenMethod	-	Sensitivity calculation method	
integer	BetaAssoc	-	Beta association	
observation_groups	Observation Groups: TABLE			
Variable type	Variable name	Defaults	Description	
character (len=50)	groupname	-	Name of the observation groups	
observation_data	Observation Data: TABLE			
Variable type	Variable name	Defaults	Description	
character (len=50)	GroupName	-	Name of groups	
double precision	ObsValue	-	Vector of observations	
character (len=50)	ObsName	-	names of observations	
double precision	Weight	-	Weight for R matrix	
model_command_lines	Model Command Lines: KEYWORDS			
Variable type	Variable name	Defaults	Description	
character (len=50)	Command	-	Command line	
character (len=50)	DerivCommand	-	derivative Command line	
model_input_files	Model Input Files: TABLE			
Variable type	Variable name	Defaults	Description	
character(len=100)	TemplateFile	-	Template file	
character(len=100)	ModInFile	-	Input file	
model_output_files	Model Input Files: TABLE			
Variable type	Variable name	Defaults	Description	
character(len=100)	InstructionFile	-	Instruction file	
character(len=100)	ModOutFile	-	Output file	
parameter_anisotropy	Parameter Anisotropy: TABLE		This block is optional if parameter anisotropy is not used	
Variable type	Variable name	Defaults	Description	
integer	BetaAssoc	-	Integer identifiers of beta associations	
double precision	horiz_angle	-	angle, in degrees, of principal anisotropy direction	
double precision	horiz_ratio	-	Ratio of maximum to minimum principal property values in the horizontal plane	
double precision	vertical_ratio	-	Ratio of maximum to minimum principal property values in the vertical direction (read only if ndim=3)	