QGIS Application - Bug report #14226
Processing Ordinary Kriging not generating Target Grid

2016-02-03 08:47 AM - Tomasz Nycz

Status:	Closed		
Priority:	Normal		
Assignee:	Victor Olaya		
Category:	Processing/SAGA		
Affected QGIS version:	2.12.2	**Regression?:**	No
Operating System:		**Easy fix?:**	No
Pull Request or Patch supplied:	No	**Resolution:**	invalid
Crashes QGIS or corrupts data:	No	**Copied to github as #:**	22224

Description

Processing algorithm Ordinary Kriging (SAGA) is not generating Target Grid, only Quality Measure and Prediction.

Processing log:

ALGORITHM|2016-02-03 17:30:44|processing.runalg("saga:ordinarykriging","/home/mechanik/dev/qgis_process/swd_points_ksrg.shp","cost",0,True,True,100,-1,100,1,"a00,1,"a + b * x",0,1000,0,4,20,0,"428448.438463,490264.553558,219769.747907,260299.978267",30,0,None,None)

SAGA 2.2.0, QGIS 2.12.3, Xubuntu 15.10

History

#1 - 2016-02-04 11:28 AM - Giovanni Manghi

- Resolution set to invalid

- Status changed from Open to Closed

There are no other outputs in (since?) SAGA 2.2.0

SAGA Version: 2.2.0 (64 bit)

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library path: C:\\saga\\saga_2.2.0_x64\\modules\\
library name: statistics_kriging
library : Kriging
tool : Ordinary Kriging
author : O.Conrad (c) 2008
processors : 1 [1]

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Usage: saga_cmd statistics_kriging 0 -POINTS <str> [-FIELD <str>] [-TQUALITY <str>] [-LOG <str>] [-BLOCK <str>] [-DBLOCK <str>] [-VAR_MAXDIST <str>] [-VAR_NCLASSES <num>] [-VAR_NSKIP <num>] [-VAR_MODEL <str>] [-SEARCH_RANGE <str>] [-SEARCH_RADIUS <str>] [-SEARCH_POINTS_ALL <str>] [-SEARCH_POINTS_MIN <num>] [-SEARCH_POINTS_MAX <num>] [-SEARCH_DIRECTION <str>] [-TARGET_DEFINITION <str>] [-TARGET_USER_XMIN <str>] [-TARGET_USER_XMAX <str>] [-TARGET_USER_YMIN <str>] [-TARGET_USER_YMAX <str>] [-TARGET_USER_SIZE <str>] [-TARGET_USER_FITS <str>] [-TARGET_TEMPLATE <str>] [-TARGET_PREDICTION <str>] [-TARGET_VARIANCE <str>]
-POINTS:<str> Points
Shapes (input)
-FIELD:<str> Attribute

Table field
-TQUALITY:<str> Type of Quality Measure
Choice
Available Choices:
[0] standard deviation
[1] variance
Default: 0
-LOG:<str> Logarithmic Transformation
Boolean
Default: 0
-BLOCK:<str> Block Kriging
Boolean
Default: 0
-DBLOCK:<str> Block Size
Floating point
Minimum: 0.000000
Default: 100.000000
-VAR_MAXDIST:<str> Maximum Distance
Floating point
Default: -1.000000
-VAR_NCLASSES:<num> Lag Distance Classes
Integer
Minimum: 1
Default: 100
-VAR_NSKIP:<num> Skip
Integer
Minimum: 1
Default: 1
-VAR_MODEL:<str> Model
Text
Default: a + b * x
-SEARCH_RANGE:<str> Search Range
Choice
Available Choices:
[0] local
[1] global
Default: 0
-SEARCH_RADIUS:<str> Maximum Search Distance
Floating point
Minimum: 0.000000
Default: 1000.000000
-SEARCH_POINTS_ALL:<str> Number of Points
Choice
Available Choices:
[0] maximum number of nearest points
[1] all points within search distance
Default: 0
-SEARCH_POINTS_MIN:<num> Minimum
Integer
Minimum: 1
Default: 16
-SEARCH_POINTS_MAX:<num> Maximum
Integer

Minimum: 1
Default: 20
-SEARCH_DIRECTION:<str> Direction
Choice
Available Choices:
[0] all directions
[1] quadrants
Default: 0
-TARGET_DEFINITION:<str> Target Grid System
Choice
Available Choices:
[0] user defined
[1] grid or grid system
Default: 0
-TARGET_USER_XMIN:<str> Left
Floating point
Default: 0.000000
-TARGET_USER_XMAX:<str> Right
Floating point
Default: 100.000000
-TARGET_USER_YMIN:<str> Bottom
Floating point
Default: 0.000000
-TARGET_USER_YMAX:<str> Top
Floating point
Default: 100.000000
-TARGET_USER_SIZE:<str> Cellsize
Floating point
Minimum: 0.000000
Default: 1.000000
-TARGET_USER_FITS:<str> Fit
Choice
Available Choices:
[0] nodes
[1] cells
Default: 0
-TARGET_TEMPLATE:<str> Target System
Grid (optional input)
-TARGET_PREDICTION:<str> Prediction
Grid (**output**)
-TARGET_VARIANCE:<str> Quality Measure
Grid (optional **output**)