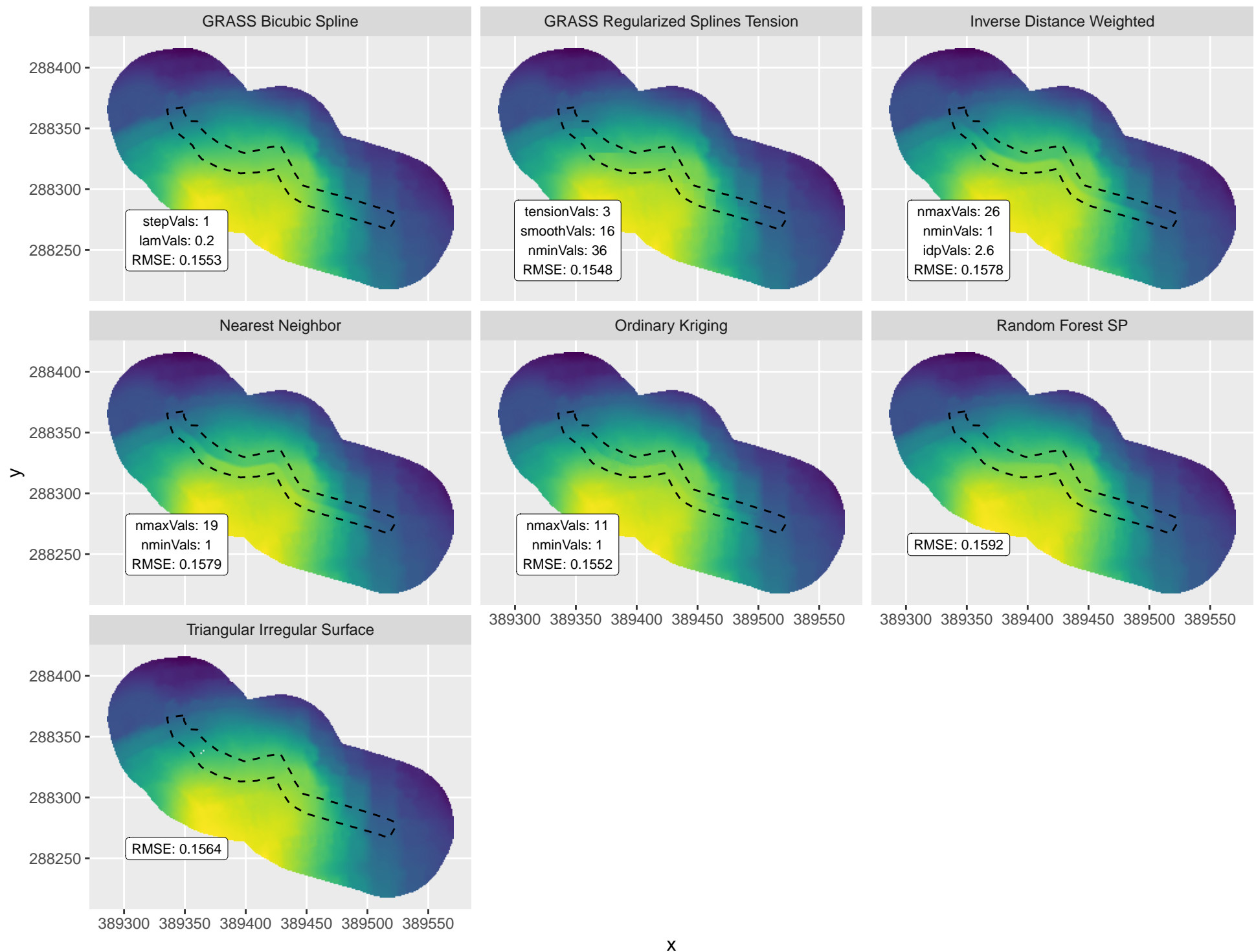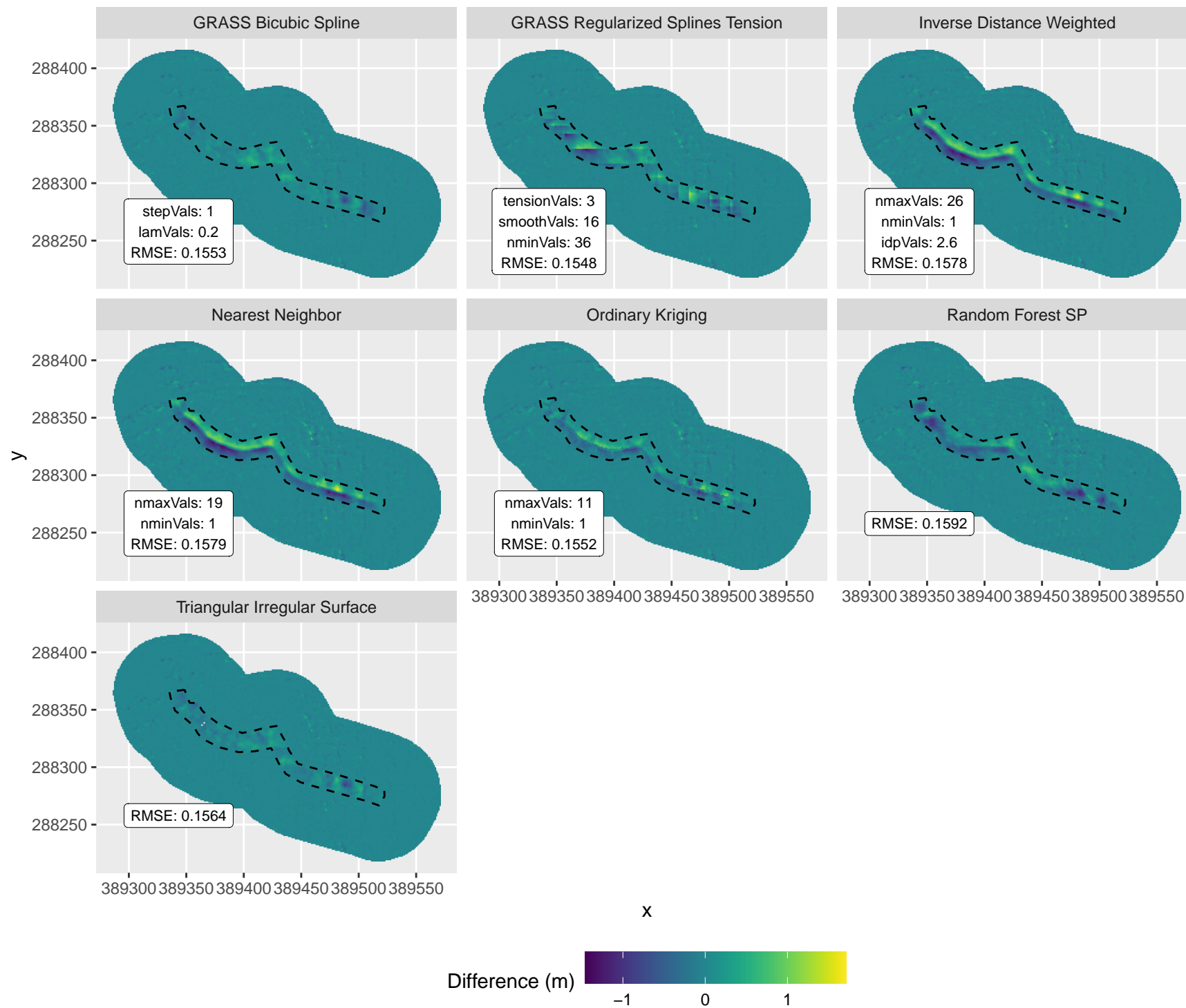Interpolated surfaces for site: 2

Lowest error maps for compareDiff.ex.r
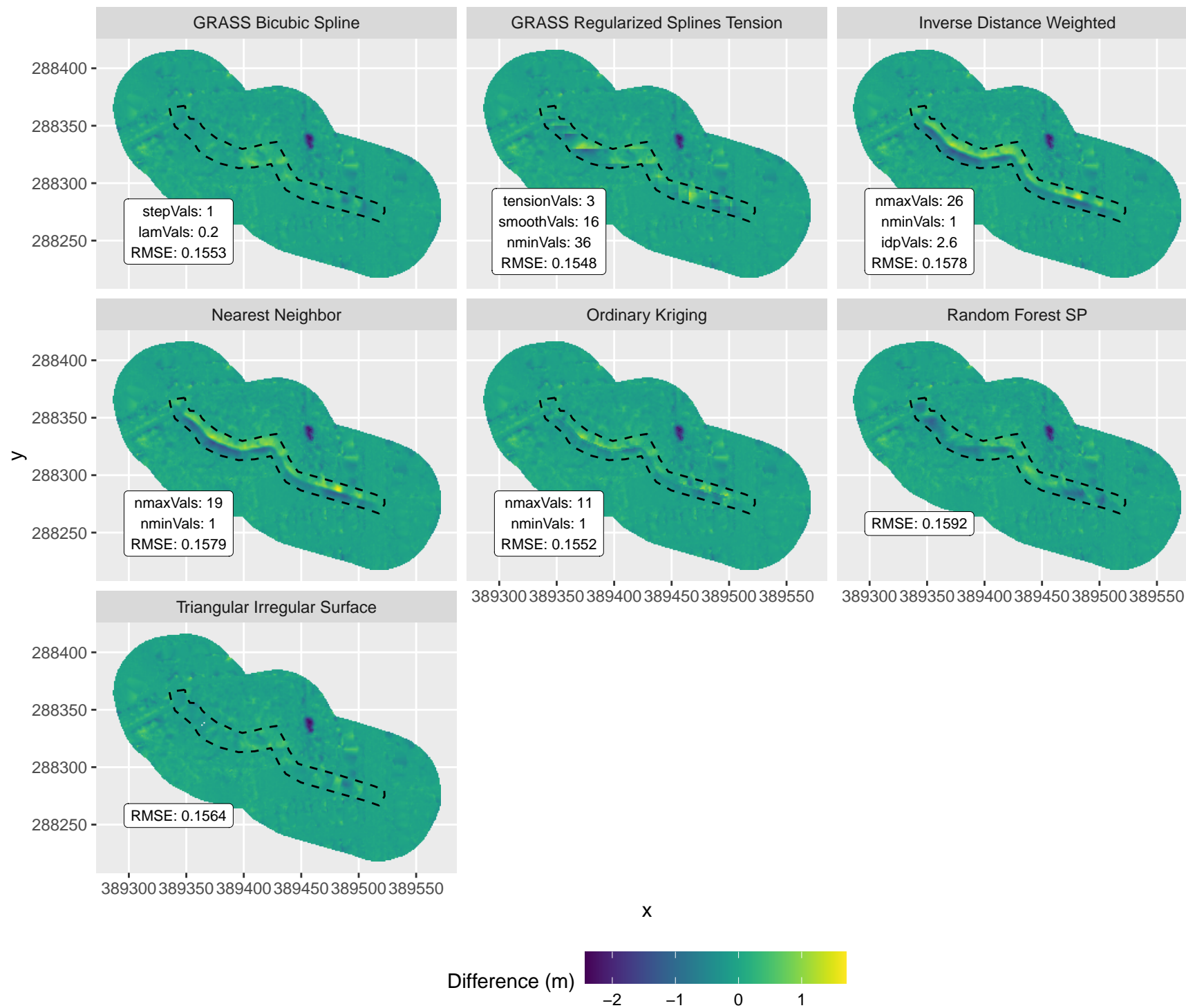
Difference maps for site: 2
Lowest error maps for compareDiff.ex.r

GRASS Bicubic Spline

stepVals: 1
lamVals: 0.2
RMSE: 0.1553

GRASS Regularized Splines Tension

tensionVals: 3
smoothVals: 16
nminVals: 36
RMSE: 0.1548

Inverse Distance Weighted

nmaxVals: 26
nminVals: 1
idpVals: 2.6
RMSE: 0.1578

Nearest Neighbor

nmaxVals: 19
nminVals: 1
RMSE: 0.1579

Ordinary Kriging

nmaxVals: 11
nminVals: 1
RMSE: 0.1552

Random Forest SP

RMSE: 0.1592

Triangular Irregular Surface

RMSE: 0.1564

x

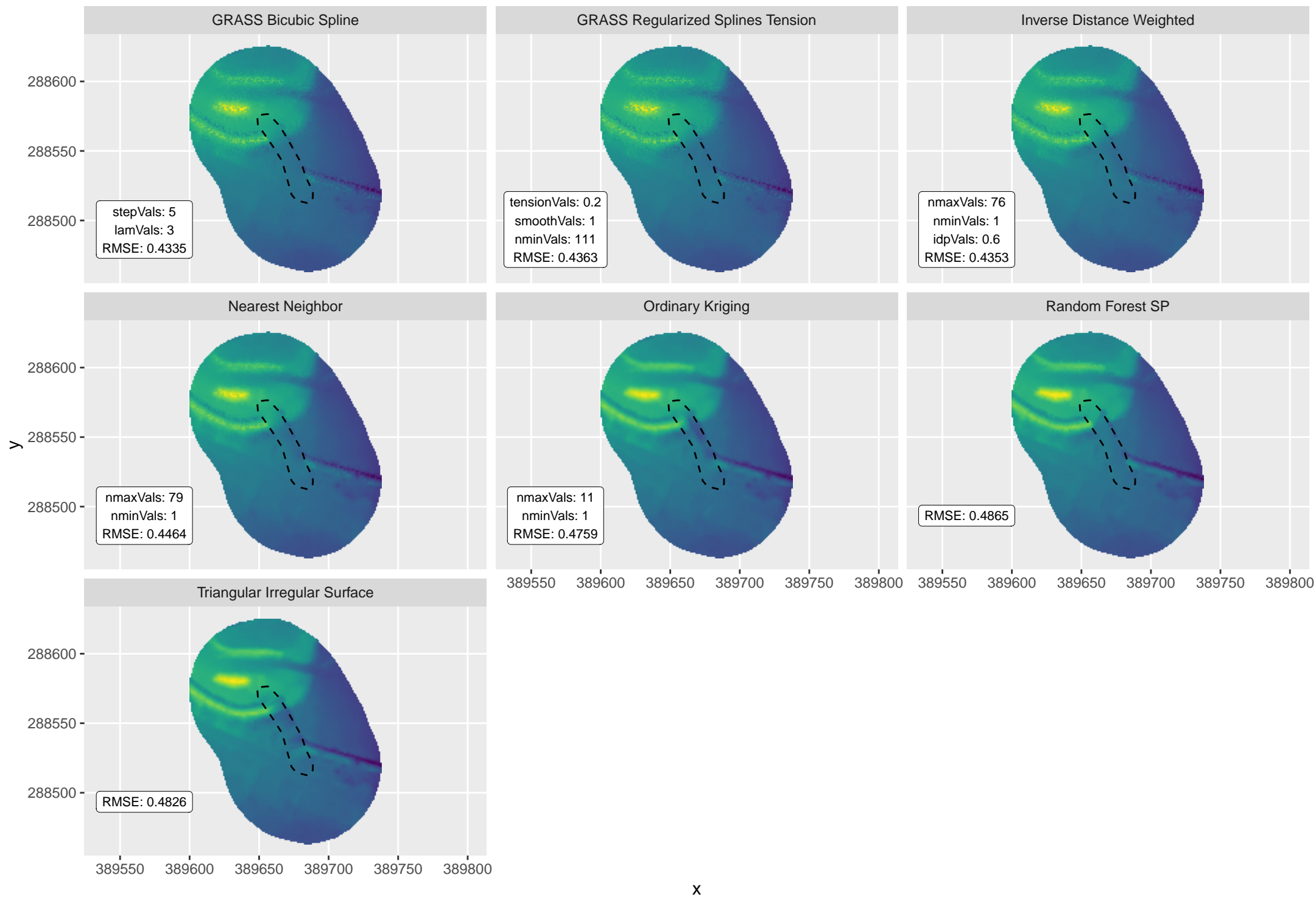Difference (m)

−1   0   1

Difference maps for site: 2

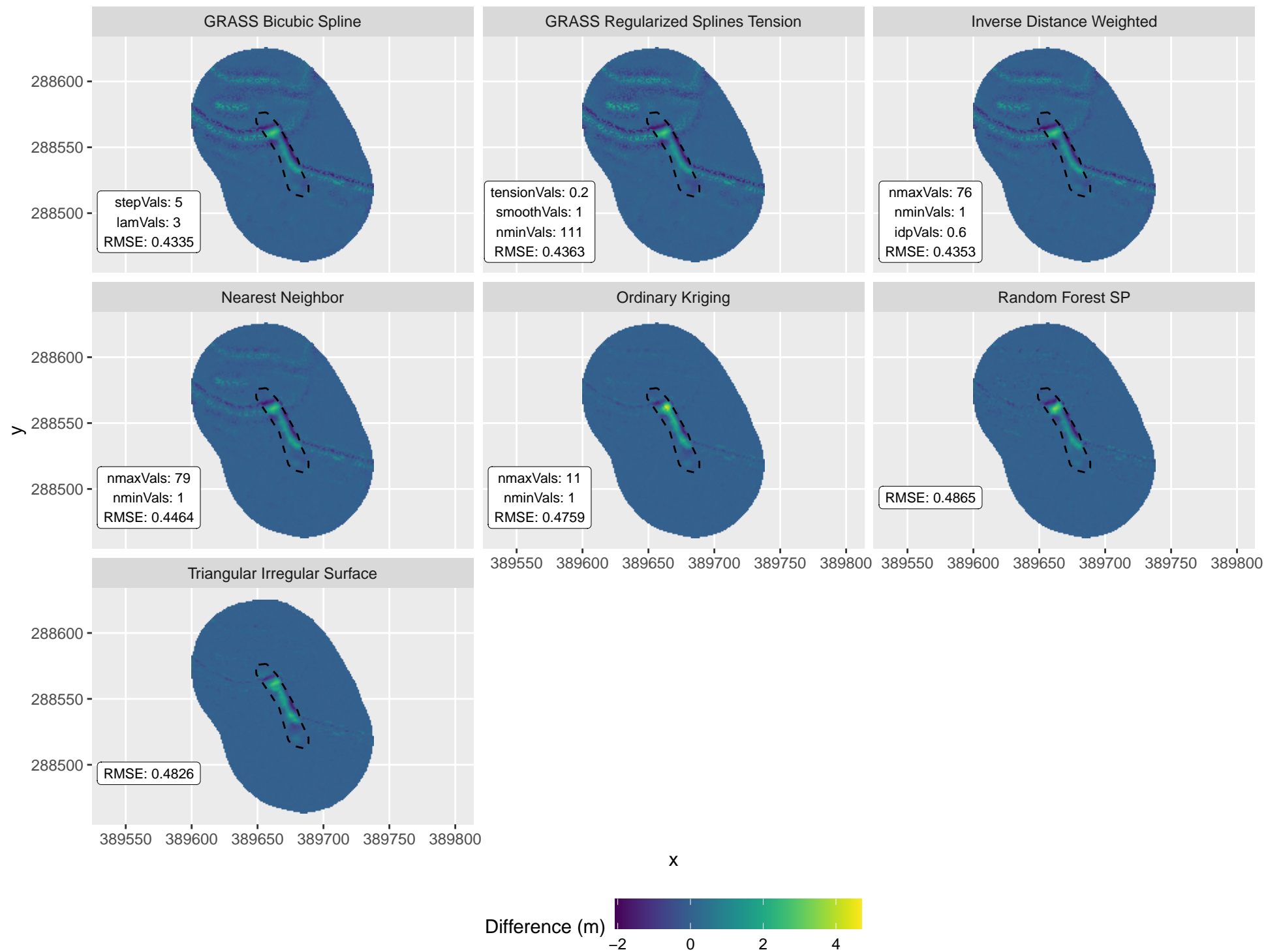Lowest error maps for compareDiff.ex.r

Interpolated surfaces for site: 3
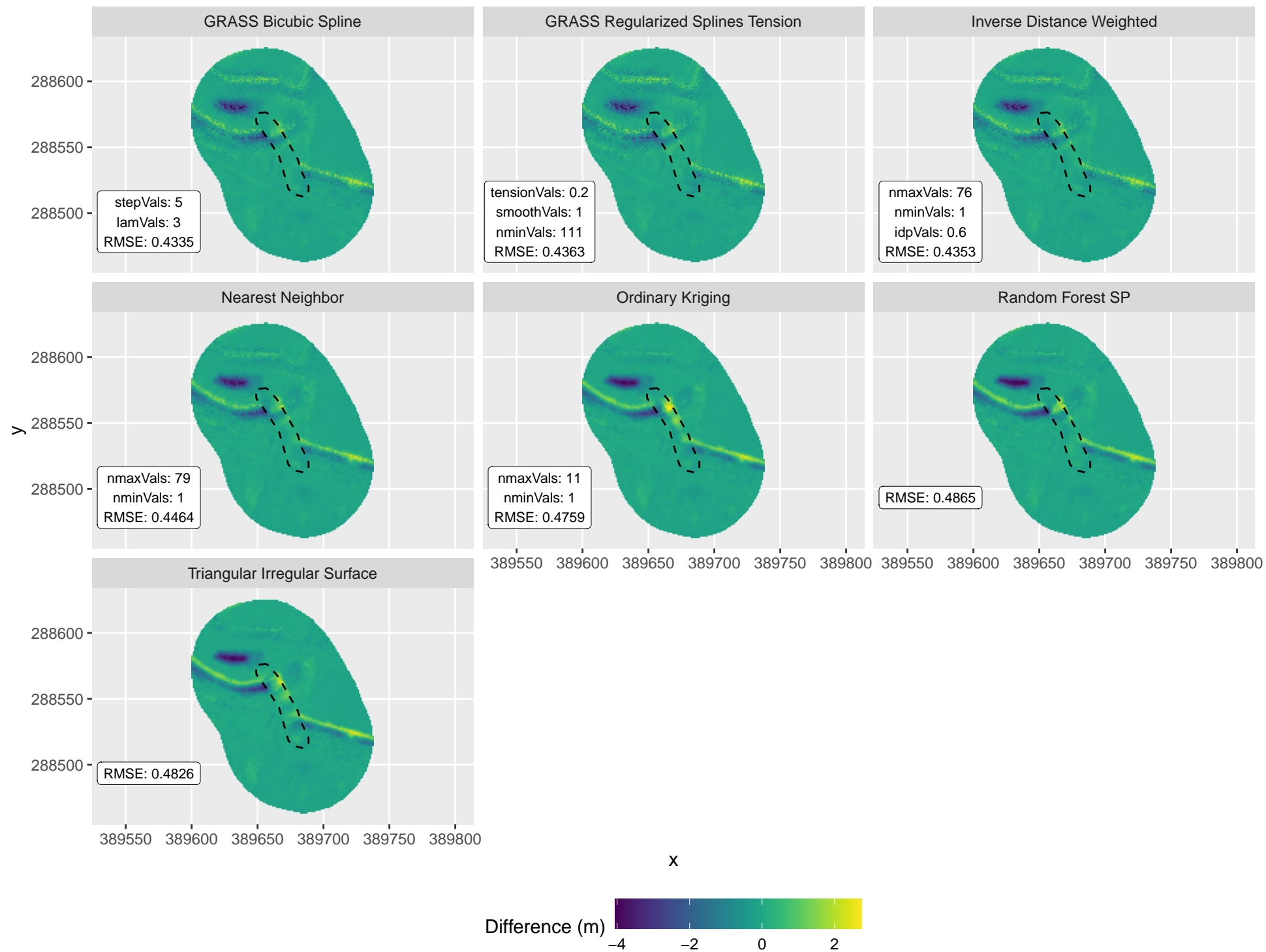
Lowest error maps for compareDiff.ex.r

Difference maps for site: 3

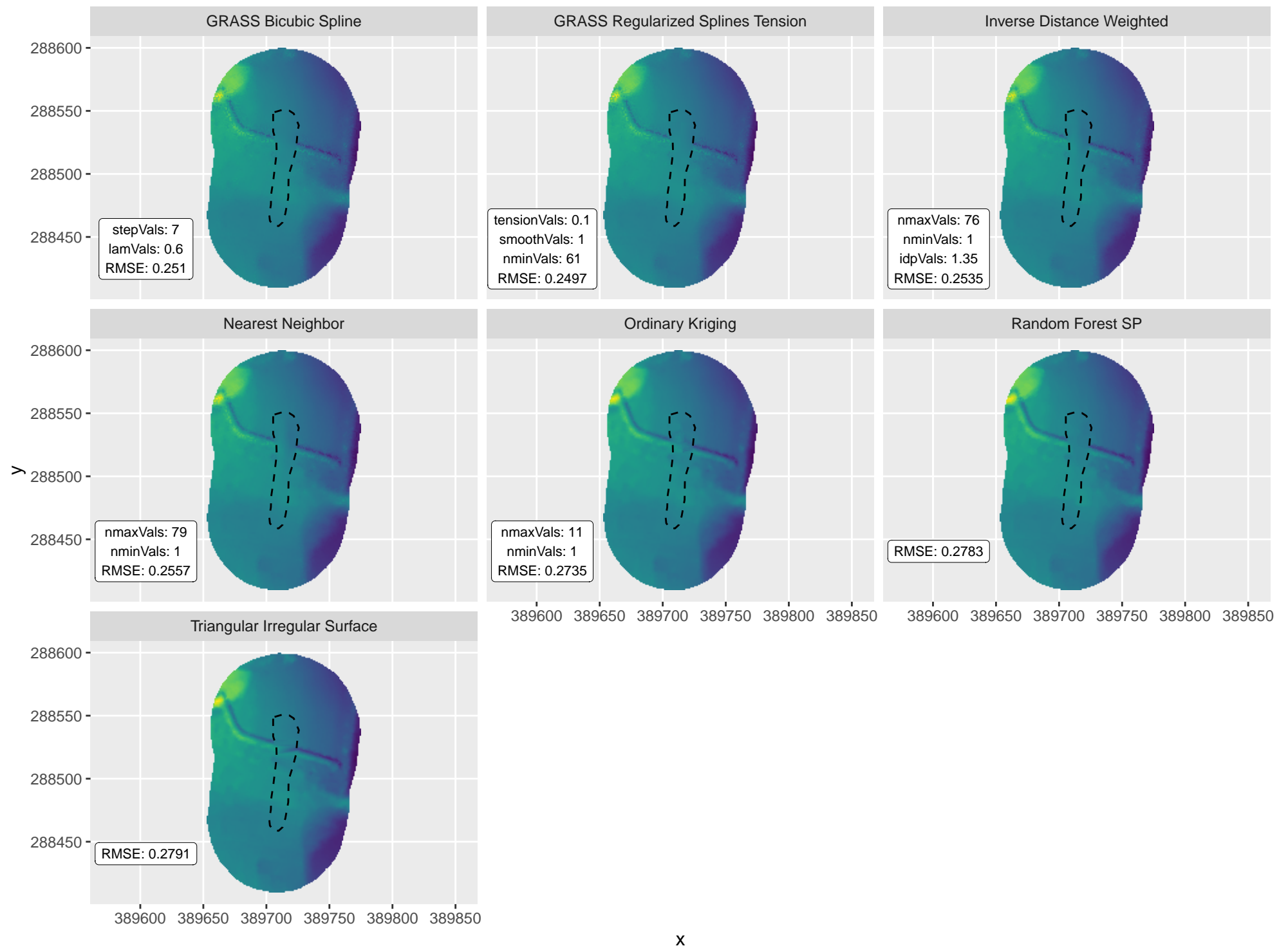Lowest error maps for compareDiff.ex.r

Difference maps for site: 3
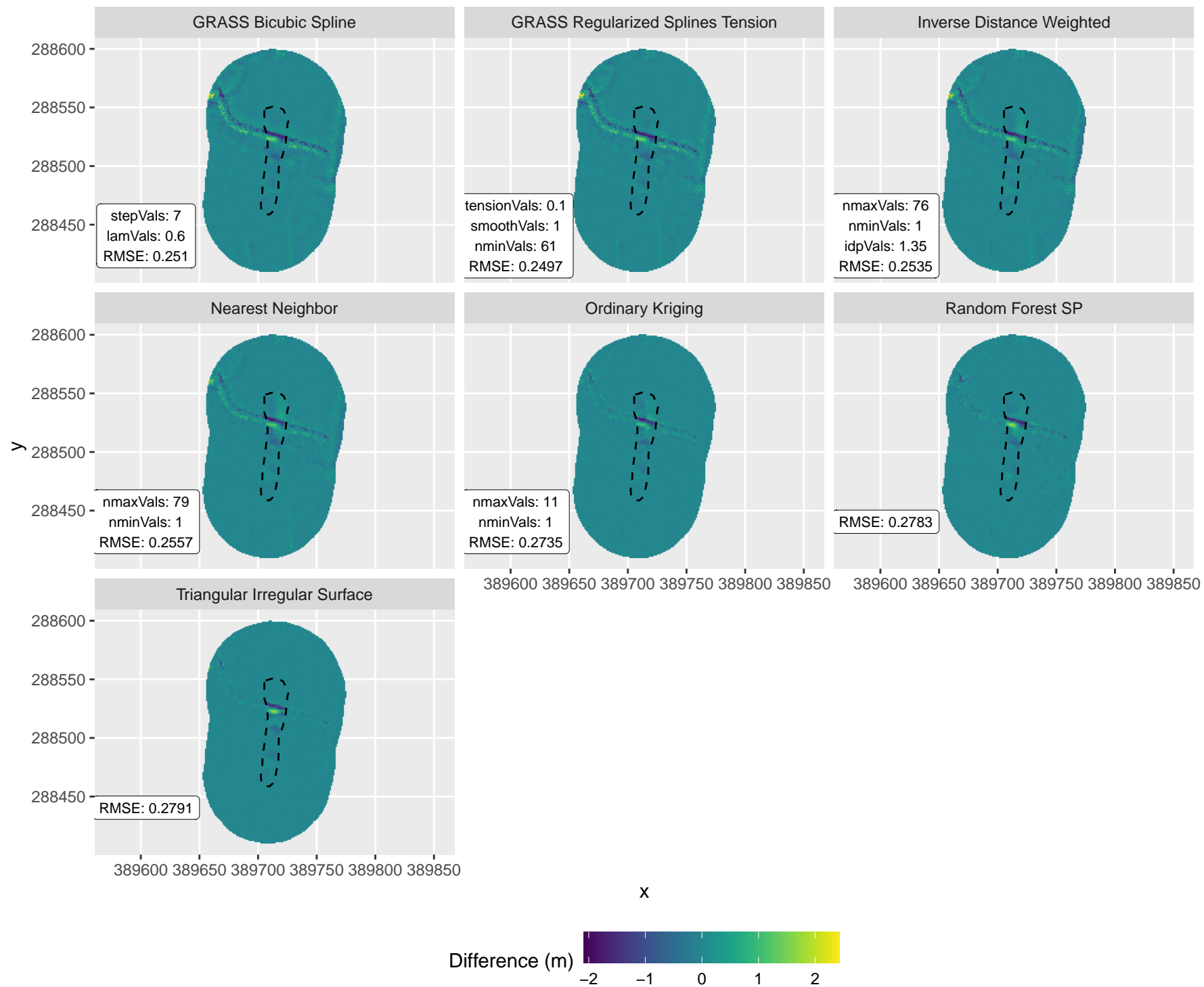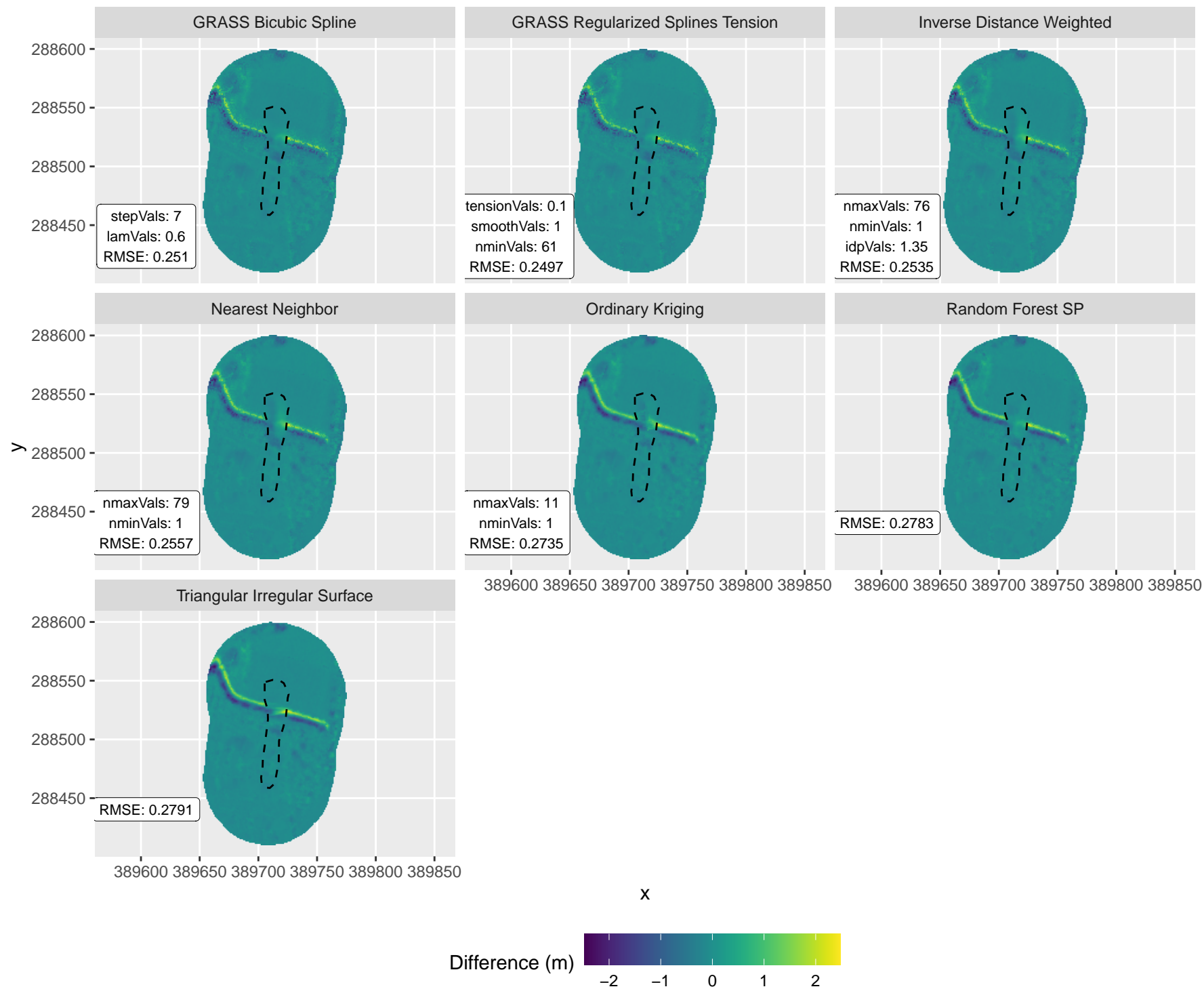
Lowest error maps for compareDiff.ex.r

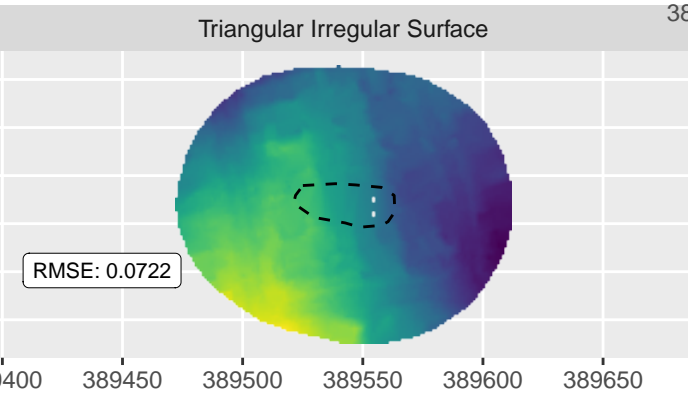Interpolated surfaces for site: 4

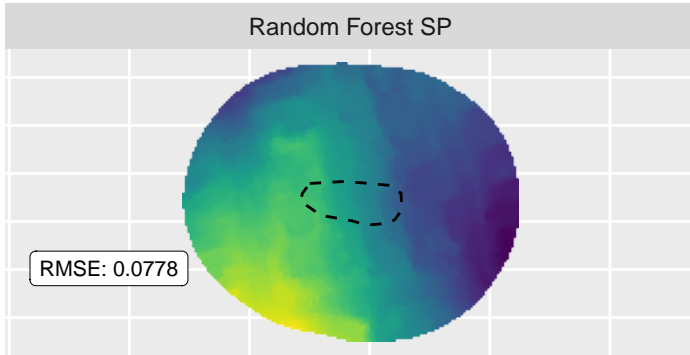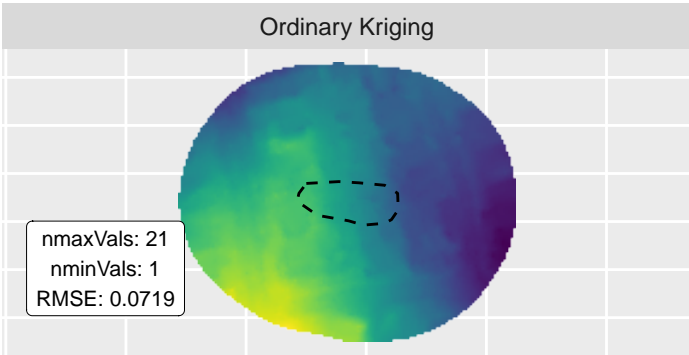Lowest error maps for compareDiff.ex.r

GRASS Bicubic Spline
stepVals: 7
lamVals: 0.6
RMSE: 0.251

GRASS Regularized Splines Tension
tensionVals: 0.1
smoothVals: 1
nminVals: 61
RMSE: 0.2497

Inverse Distance Weighted
nmaxVals: 76
nminVals: 1
idpVals: 1.35
RMSE: 0.2535

Nearest Neighbor
nmaxVals: 79
nminVals: 1
RMSE: 0.2557

Ordinary Kriging
nmaxVals: 11
nminVals: 1
RMSE: 0.2735

Random Forest SP
RMSE: 0.2783
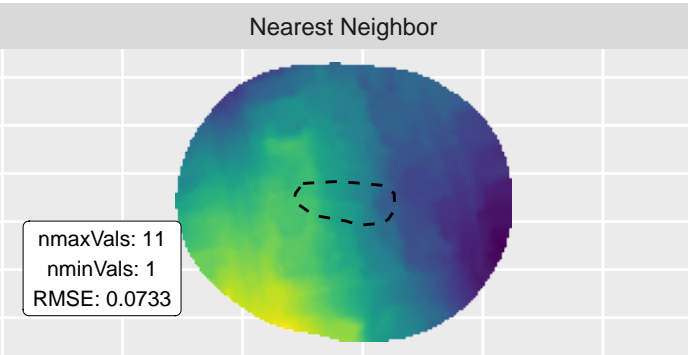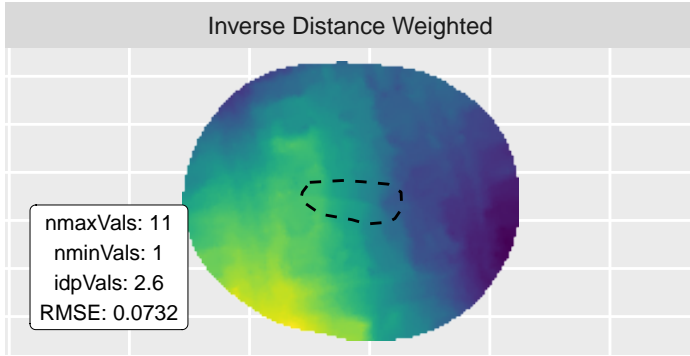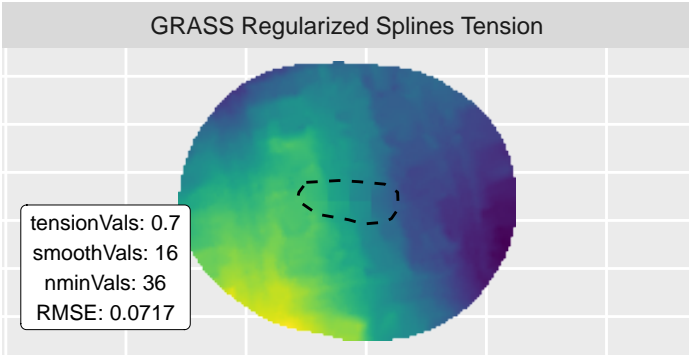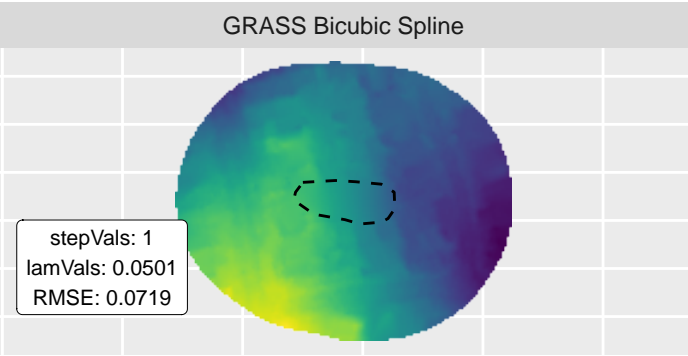
Triangular Irregular Surface
RMSE: 0.2791

y

x

Difference maps for site: 4

Lowest error maps for compareDiff.ex.r

Difference maps for site: 4

Lowest error maps for compareDiff.ex.r

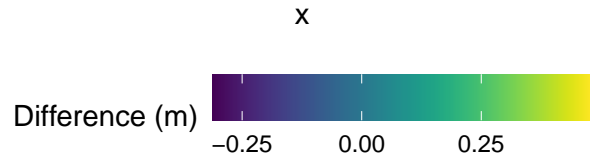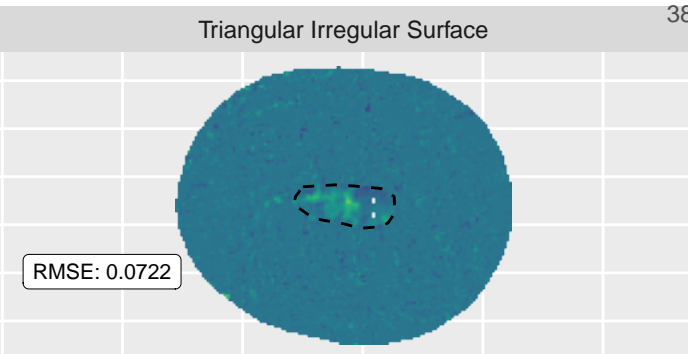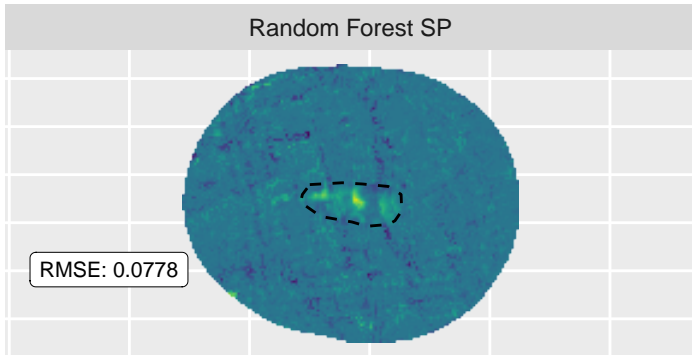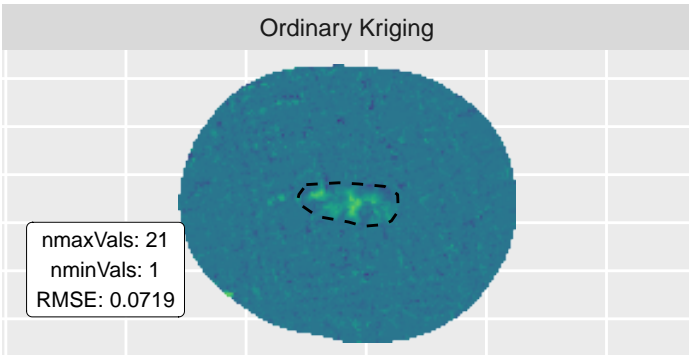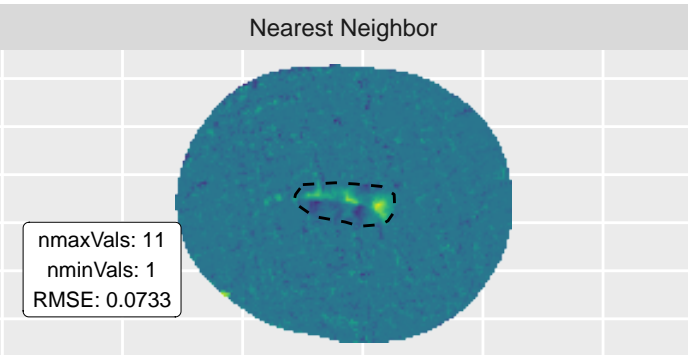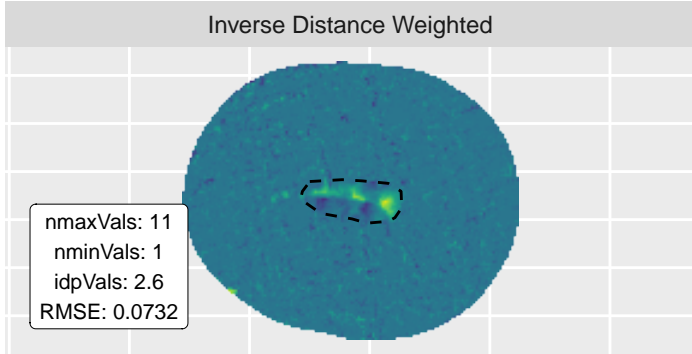## Interpolated surfaces for site: 5
Lowest error maps for compareDiff.ex.r

GRASS Bicubic Spline

stepVals: 1
lamVals: 0.0501
RMSE: 0.0719

GRASS Regularized Splines Tension

tensionVals: 0.7
smoothVals: 16
nminVals: 36
RMSE: 0.0717

Inverse Distance Weighted

nmaxVals: 11
nminVals: 1
idpVals: 2.6
RMSE: 0.0732

Nearest Neighbor

nmaxVals: 11
nminVals: 1
RMSE: 0.0733

Ordinary Kriging

nmaxVals: 21
nminVals: 1
RMSE: 0.0719

Random Forest SP
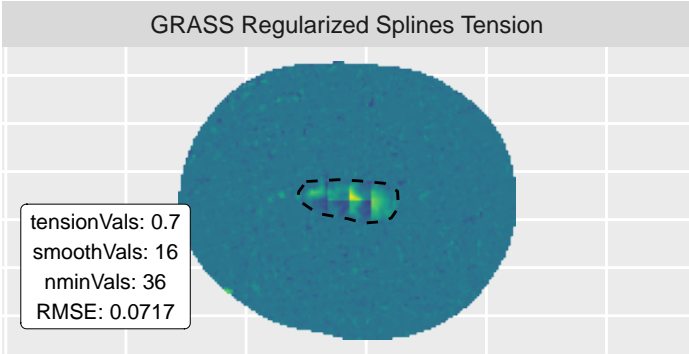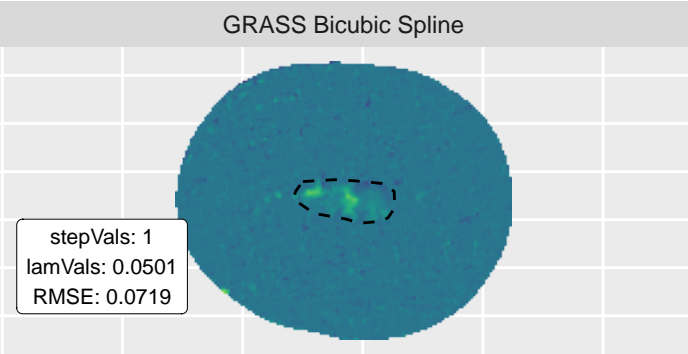
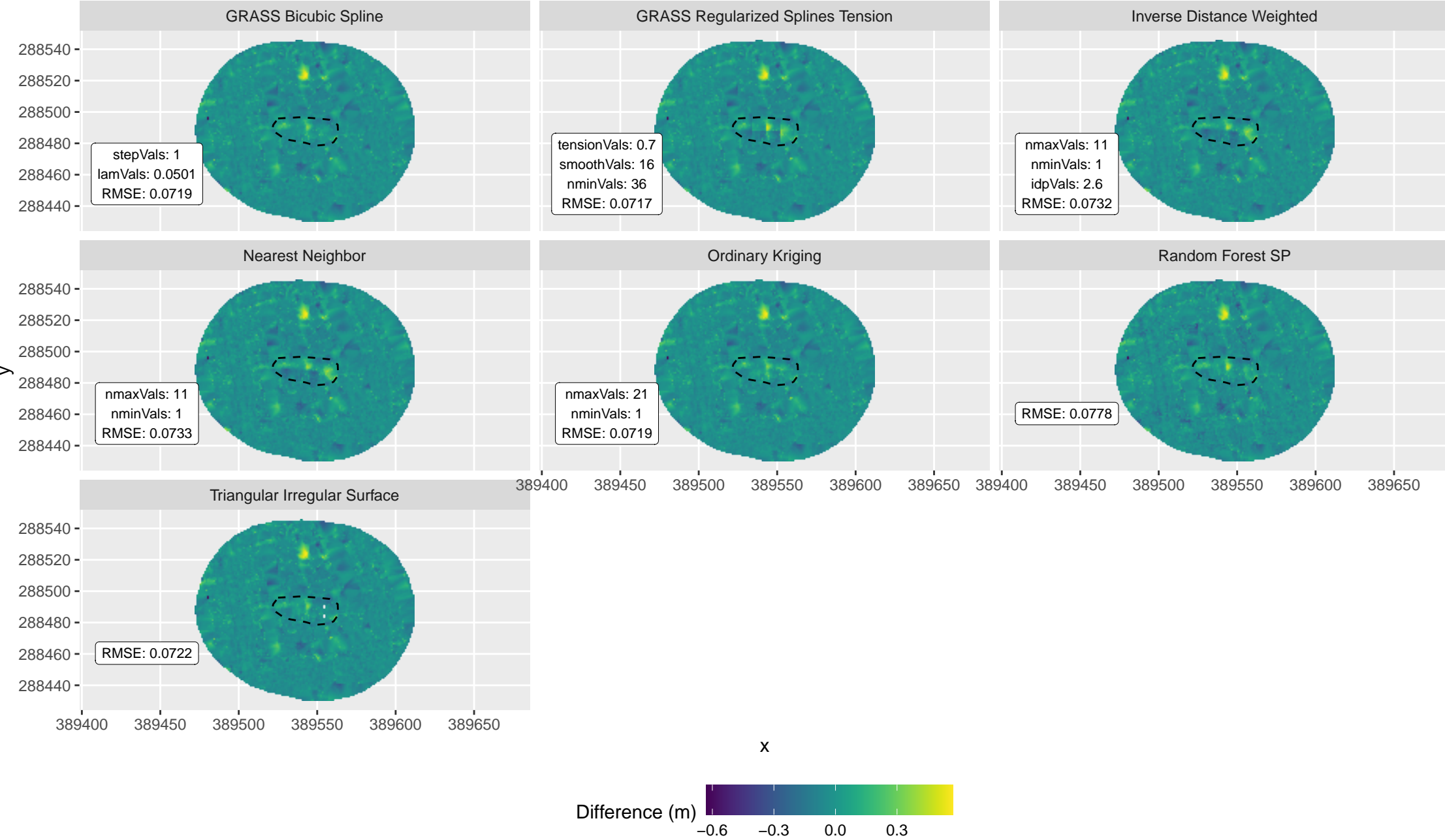RMSE: 0.0778

Triangular Irregular Surface

RMSE: 0.0722

Difference maps for site: 5
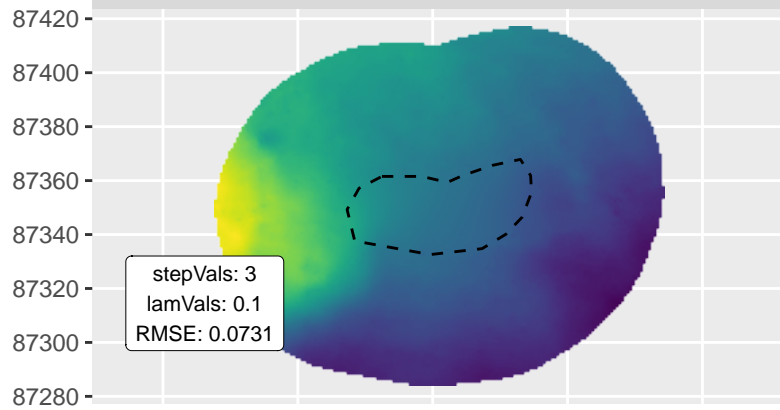
Lowest error maps for compareDiff.ex.r

Difference maps for site: 5

Lowest error maps for compareDiff.ex.r

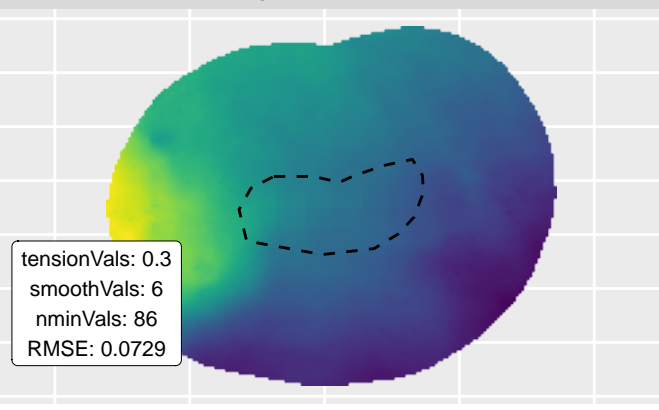Interpolated surfaces for site: 6
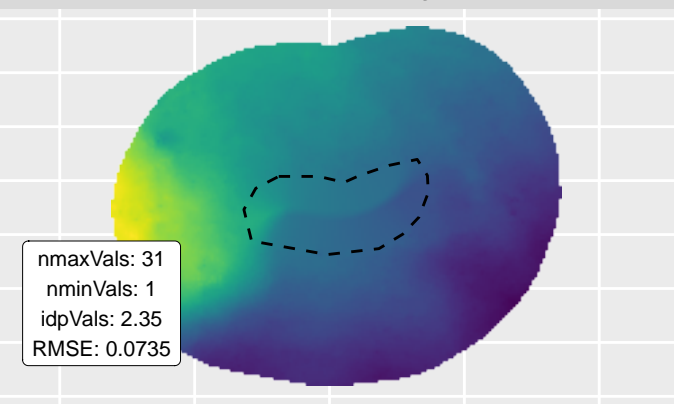
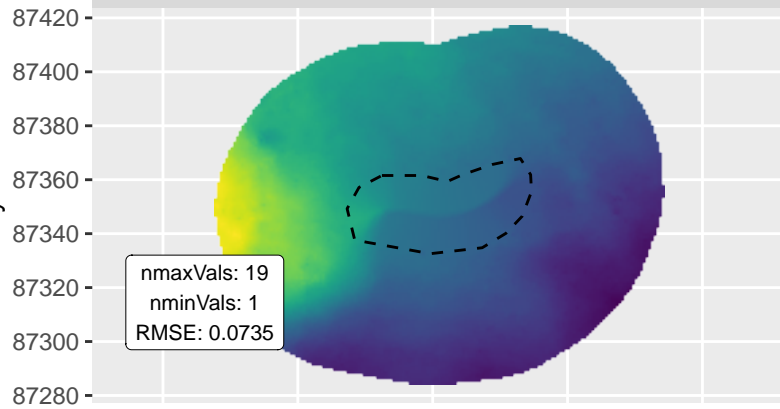Lowest error maps for compareDiff.ex.r

GRASS Bicubic Spline
stepVals: 3
lamVals: 0.1
RMSE: 0.0731

GRASS Regularized Splines Tension
tensionVals: 0.3
smoothVals: 6
nminVals: 86
RMSE: 0.0729

Inverse Distance Weighted
nmaxVals: 31
nminVals: 1
idpVals: 2.35
RMSE: 0.0735

Nearest Neighbor
nmaxVals: 19
nminVals: 1
RMSE: 0.0735

Ordinary Kriging
nmaxVals: 76
nminVals: 1
RMSE: 0.073

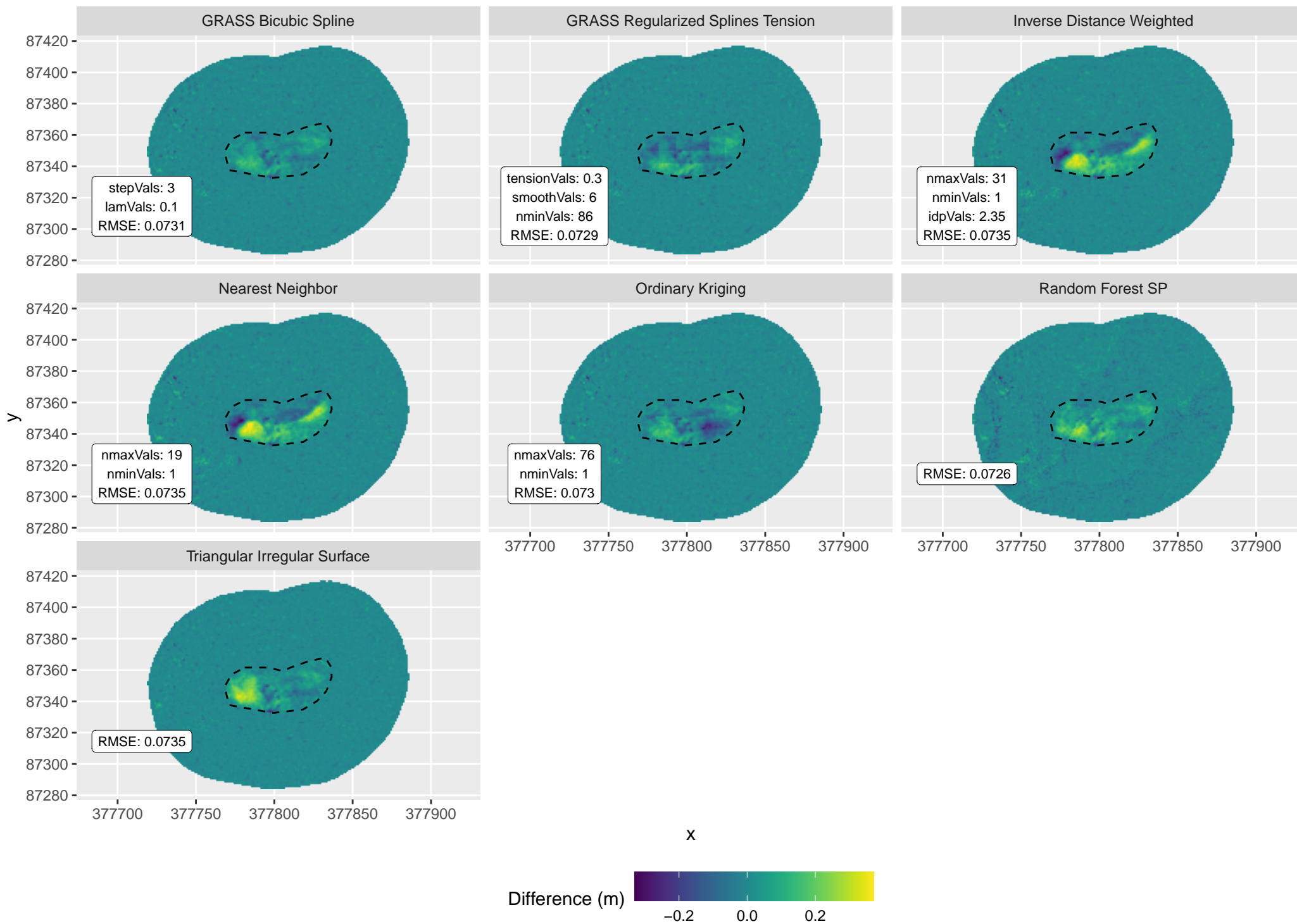**Random Forest SP**
RMSE: 0.0726

Triangular Irregular Surface
RMSE: 0.0735

Difference maps for site: 6

Lowest error maps for compareDiff.ex.r

Difference maps for site: 6

Lowest error maps for compareDiff.ex.r