

NG-CHM BUILDER HEAT MAP CREATION LOG

MATRIX SCREEN ENTRIES:

Heat Map Name: *matrix_11_2000_2000_samples_samples*
Heat Map Description:
Matrix File Name: *matrix_11_2000_2000_samples_samples.tsv*
Pixel Summary Method: *sample*

MATRIX GRID SELECTIONS:

Matrix Beginning: Row - 1 Column - 1
Matrix Data Start: *Row - 3 Column - 3*
Embedded Row Covariate: *Row - 2 TCGA-06-0125-01A-01D-A45W-051 (continuous)*
Embedded Col Covariate: *Column - 2 TCGA-06-0125-01A-01D-A45W-05 (continuous)*

TRANSFORM SCREEN ENTRIES:

Matrix Transformation 1: *Transform->Log - Log10 to all values*
Matrix Transformation 2: *Correction->ReplaceInvalid - Fill invalid values with row mean*
Matrix Transformation 3: *Correlation->Transpose - Transpose matrix*

CLUSTER SCREEN ENTRIES:

ROW OPTIONS:

Order: *Hierarchical*
Agglomeration: *ward*
Distance: *euclidean*
Cluster-Based Covariate: *true*
Cluster Covariate Name: *Clusters*
Clusters: *4*

COLUMN OPTIONS:

Order: *Hierarchical*
Agglomeration: *ward*
Distance: *euclidean*
Cluster-Based Covariate: *true*
Cluster Covariate Name: *Clusters*
Clusters: *5*

COVARIATE SCREEN ENTRIES:

Bar Name: *top_2_discrete*
File Name: *matrix_11_2000_2000_samples_samples_cov_top_2_discrete.tsv*
Bar Type: *color_plot*
Bar Position: *column*
Show: *Y*
Height: *15*
Color Type: *discrete*
Color Map:
Category 1: A Color: Blue (rgb: 31,119,180)
Category 2: B Color: LightBlue (rgb: 174,199,232)
Category 3: C Color: Orange (rgb: 255,127,14)
Category 4: D Color: LightOrange (rgb: 255,187,120)
Category 5: E Color: Green (rgb: 44,160,44)
Category 6: F Color: LightGreen (rgb: 152,223,138)
Category 7: G Color: Red (rgb: 214,39,40)

NG-CHM BUILDER HEAT MAP CREATION LOG (cont)

Missing Color: Gray (rgb: 179,179,179)

Bar Name: ***Clusters***
File Name: ***Generated Cluster-Based File***
Bar Type: color_plot
Bar Position: ***column***
Show: Y
Height: 15
Color Type: ***discrete***
Color Map:
Category 1: Cluster1 Color: Blue (rgb: 31,119,180)
Category 2: Cluster2 Color: LightBlue (rgb: 174,199,232)
Category 3: Cluster3 Color: Orange (rgb: 255,127,14)
Category 4: Cluster4 Color: LightOrange (rgb: 255,187,120)
Category 5: Cluster5 Color: Green (rgb: 44,160,44)
Missing Color: Gray (rgb: 179,179,179)

Bar Name: ***TCGA-06-0125-01A-01D-A45W-05***
File Name: ***matrix_11_2000_2000_samples_samples.tsv***
Bar Type: ***scatter_plot***
Bar Position: ***column***
Show: Y
Height: ***20***
Color Type: ***continuous***
Foreground Color: ***Blue (rgb: 36,20,255)***
Background Color: ***Yellow (rgb: 245,249,1)***
Lower Bound: -0.9734
Upper Bound: 0.9453
Missing Color: Gray (rgb: 179,179,179)

Bar Name: ***top_1_continuous***
File Name: ***matrix_11_2000_2000_samples_samples_cov_top_1_continuous.tsv***
Bar Type: color_plot
Bar Position: ***column***
Show: Y
Height: 15
Color Type: ***continuous***
Color Map:
Category 1: -19.9997 Color: White (rgb: 255,255,255)
Category 2: 19.9982 Color: Red (rgb: 255,0,0)
Missing Color: Gray (rgb: 179,179,179)

Bar Name: ***TCGA-06-0125-01A-01D-A45W-05***
File Name: ***matrix_11_2000_2000_samples_samples.tsv***
Bar Type: ***scatter_plot***
Bar Position: ***row***
Show: Y

NG-CHM BUILDER HEAT MAP CREATION LOG (cont)

Height: **25**
Color Type: ***continuous***
Foreground Color: ***Gray (rgb: 13,13,12)***
Background Color: ***Cyan (rgb: 2,222,237)***
Lower Bound: -0.9734
Upper Bound: 0.9453
Missing Color: Gray (rgb: 179,179,179)

Bar Name: ***left_1_continuous***
File Name: ***matrix_11_2000_2000_samples_samples_cov_left_1_continuous.tsv***
Bar Type: color_plot
Bar Position: ***row***
Show: Y
Height: 15
Color Type: ***continuous***
Color Map:
Category 1: -19.994 Color: White (rgb: 255,255,255)
Category 2: 19.9828 Color: Red (rgb: 255,0,0)
Missing Color: Gray (rgb: 179,179,179)

Bar Name: ***cov_left_2_discrete***
File Name: ***matrix_11_2000_2000_samples_samples_cov_left_2_discrete.tsv***
Bar Type: color_plot
Bar Position: ***row***
Show: Y
Height: 15
Color Type: ***discrete***
Color Map:
Category 1: A Color: Blue (rgb: 31,119,180)
Category 2: B Color: LightBlue (rgb: 174,199,232)
Category 3: C Color: Orange (rgb: 255,127,14)
Category 4: D Color: LightOrange (rgb: 255,187,120)
Category 5: E Color: Green (rgb: 44,160,44)
Category 6: F Color: LightGreen (rgb: 152,223,138)
Category 7: G Color: Red (rgb: 214,39,40)
Category 8: H Color: LightRed (rgb: 255,152,150)
Category 9: I Color: Purple (rgb: 148,103,189)
Category 10: J Color: LightPurple (rgb: 197,176,213)
Category 11: K Color: Red (rgb: 140,86,75)
Category 12: L Color: LightRed (rgb: 196,156,148)
Category 13: M Color: LightMagenta (rgb: 227,119,194)
Missing Color: Gray (rgb: 179,179,179)

Bar Name: ***Clusters***
File Name: ***Generated Cluster-Based File***
Bar Type: color_plot
Bar Position: ***row***

NG-CHM BUILDER HEAT MAP CREATION LOG (cont)

Show: Y
Height: 15
Color Type: ***discrete***
Color Map:
Category 1: Cluster1 Color: Blue (rgb: 31,119,180)
Category 2: Cluster2 Color: LightBlue (rgb: 174,199,232)
Category 3: Cluster3 Color: Orange (rgb: 255,127,14)
Category 4: Cluster4 Color: LightOrange (rgb: 255,187,120)
Missing Color: Gray (rgb: 179,179,179)

FORMAT SCREEN ENTRIES:

Matrix Colors/Breaks:

Color Map:

Threshold 1: -1.4001
Color 1: ***Green (rgb: 40,189,43)***
Threshold 2: ***-1.0562***
Color 2: ***Green (rgb: 30,217,142)***
Threshold 3: -0.7123
Color 3: ***Cyan (rgb: 20,245,241)***
Threshold 4: ***-0.1***
Color 4: ***LightBlue (rgb: 138,123,214)***
Threshold 5: -0.0244
Color 5: ***Magenta (rgb: 255,0,187)***
Missing Color: Gray (rgb: 179,179,179)

Heat Map Display:

Matrix Display Options:

Selection Color: Green (rgb: 0,255,56)
Grid Color: White (rgb: 255,255,255)
Gaps Color: White (rgb: 255,255,255)
Show Grid: N
Summary Display Width: 40%

Row Display Options:

Show Dendrogram: ALL
Dendrogram Height: 100
Maximum Label Length: 20
Trim Label Text From: END

Column Display Options:

Show Dendrogram: ALL
Dendrogram Height: 100
Maximum Label Length: 20
Trim Label Text From: END

Labels and Attributes:

Row Label Configuration:

Label Type: none
Top Label Items:

Column Label Configuration:

Label Type: none

NG-CHM BUILDER HEAT MAP CREATION LOG (cont)

Top Label Items:

Heat Map Attributes:

No Attributes Defined

Heat Map Gaps:

Row Gap Options:

Gaps: None

Column Gap Options:

Gaps: None