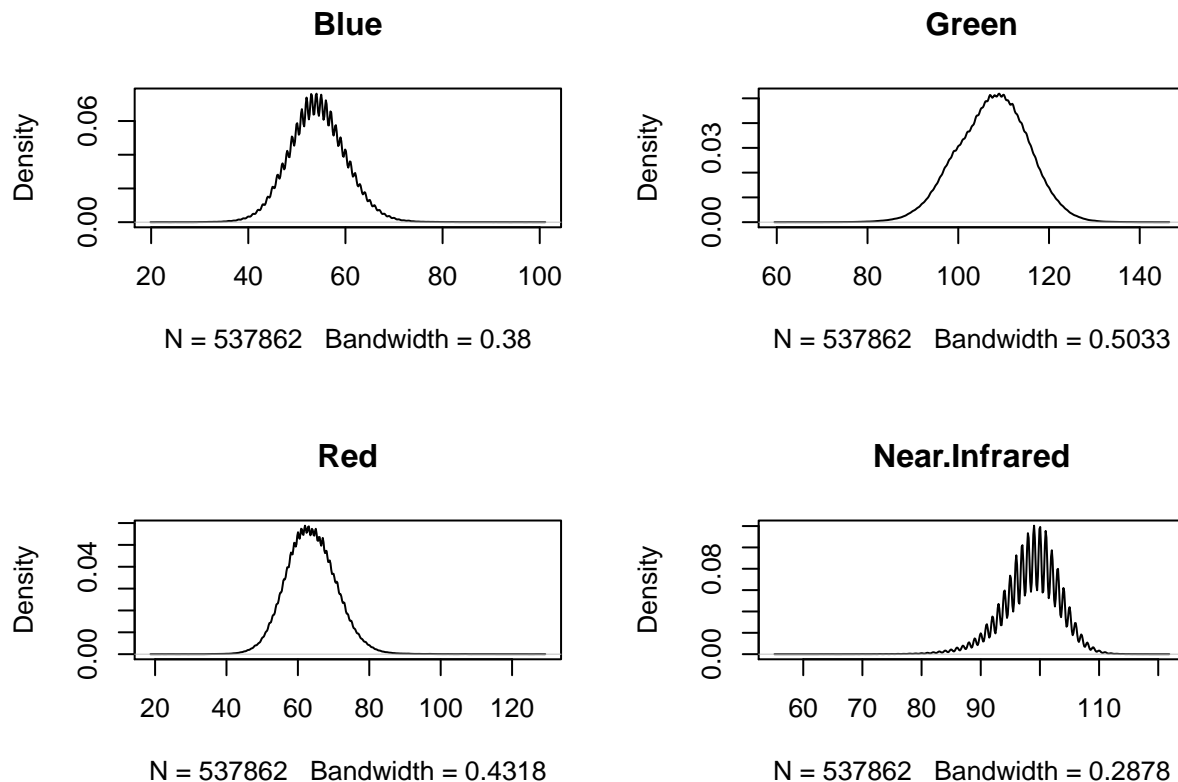# Multi-Temporal Analytics

Ibex Aegis LLC

June 2017

```
## Loading required package: sp

## Loading required package: rgdal

## rgdal: version: 1.2-7, (SVN revision 660)
##  Geospatial Data Abstraction Library extensions to R successfully loaded
##  Loaded GDAL runtime: GDAL 2.1.3, released 2017/20/01
##  Path to GDAL shared files: /usr/share/gdal/2.1
##  Loaded PROJ.4 runtime: Rel. 4.9.2, 08 September 2015, [PJ_VERSION: 492]
##  Path to PROJ.4 shared files: (autodetected)
##  Linking to sp version: 1.2-4

## Loading required package: raster

## Loading required package: ggplot2
```

Data from alfalfa field May 6th 2017

N = 537862   Bandwidth = 0.38

N = 537862   Bandwidth = 0.5033

N = 537862   Bandwidth = 0.4318

N = 537862   Bandwidth = 0.2878

Chips

Same raster clip shown with R-G-B and NIR-R-G Color combinations

RGB Raster Chip

5.16644
5.16640
5.16635
5.16630
5.16625

−106.6679

CIR Raster Chip

5.16644
5.16640
5.16635
5.16630
5.16625

−106.6679

Examples of Plots for Bands in the Raster Chips