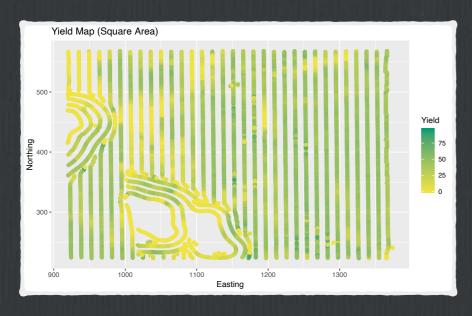
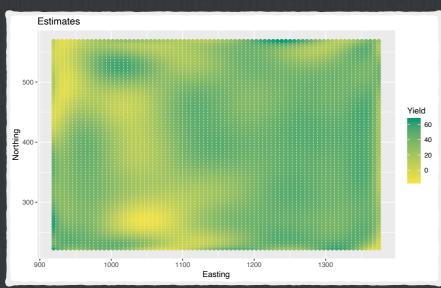
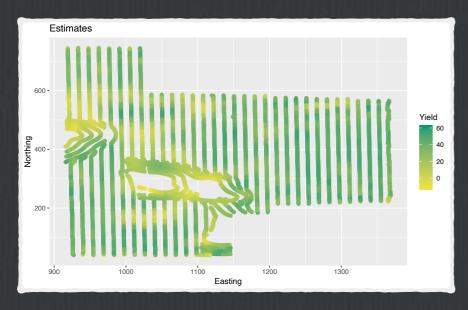
Expanded Square





- ☐ Likelihood test to compare 2D models with and without treatment effect
- Likelihood ratio test
 Model 1: Yield ~ poly(Easting, 17) *
 poly(Northing, 17)
 Model 2: Yield ~ poly(Easting, 17) *
 poly(Northing, 17) + Sprayed
 #Df LogLik Df Chisq Pr(>Chisq)
 1 325 -21602
 2 326 -21601 1 1.0578 0.3037
- \Box and H_{2D} : $\tau = 0.648, p(t) = 0.317$
- ☐ But we require some degree of interpolation to fill in missing areas.

All Strips





- ☐ Likelihood test to compare 2D models with and without treatment effect
- Likelihood ratio test
 Model 1: Yield ~ poly(Easting, 21) *
 poly(Northing, 21)
 Model 2: Yield ~ poly(Easting, 21) *
 poly(Northing, 21) + Sprayed
 #Df LogLik Df Chisq Pr(>Chisq)
 1 485 -29622
 2 486 -29622 1 1.8792 0.1704
- \square and

 H_{2D} : $\tau = 0.833, p(t) = 0.183$