

Supplementary Materials 2: Spatially weighted estimation of broadacre crop growth improves gap-filling of Landsat NDVI

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Detailed results for the Landsat-8 test data.

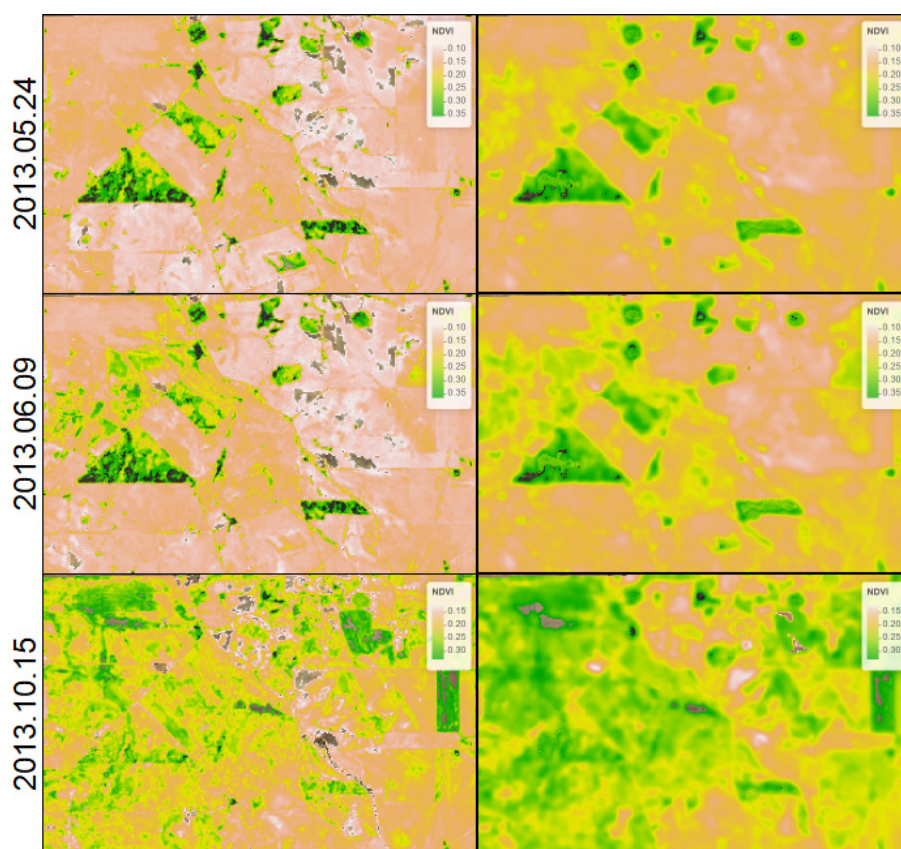


Figure S1. 2013 growing season Landsat-8 NDVI test data (left column) and SWindex NDVI predictions (right column).

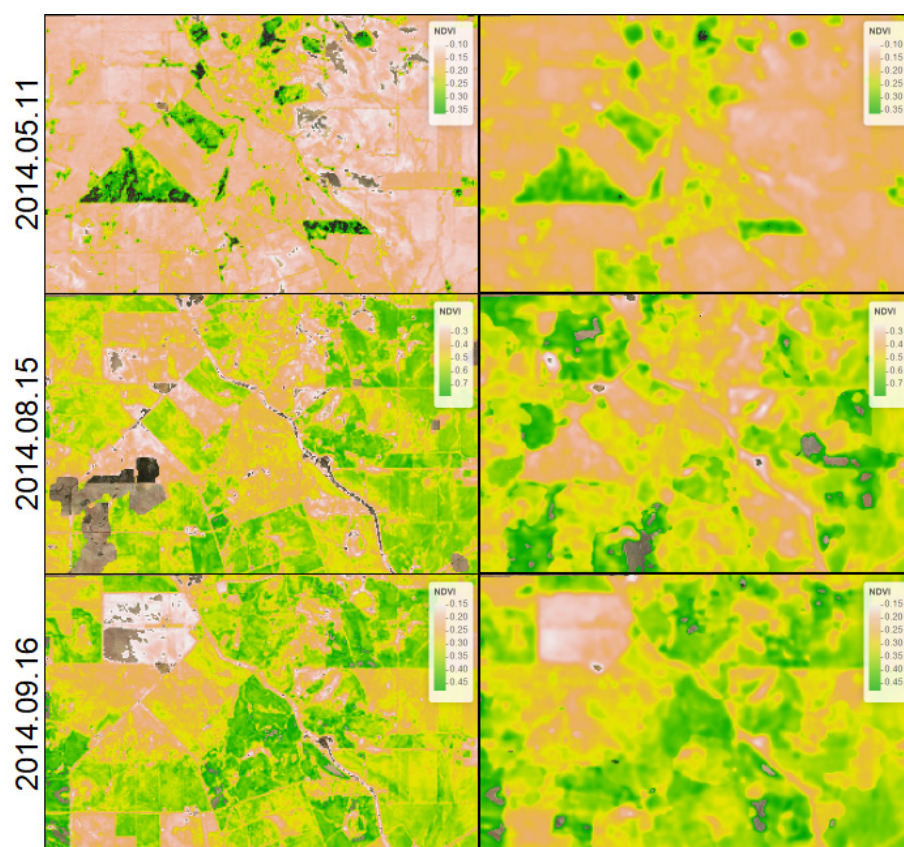


Figure S2. 2014 growing season Landsat-8 NDVI test data (left column) and SWindex NDVI predictions (right column).

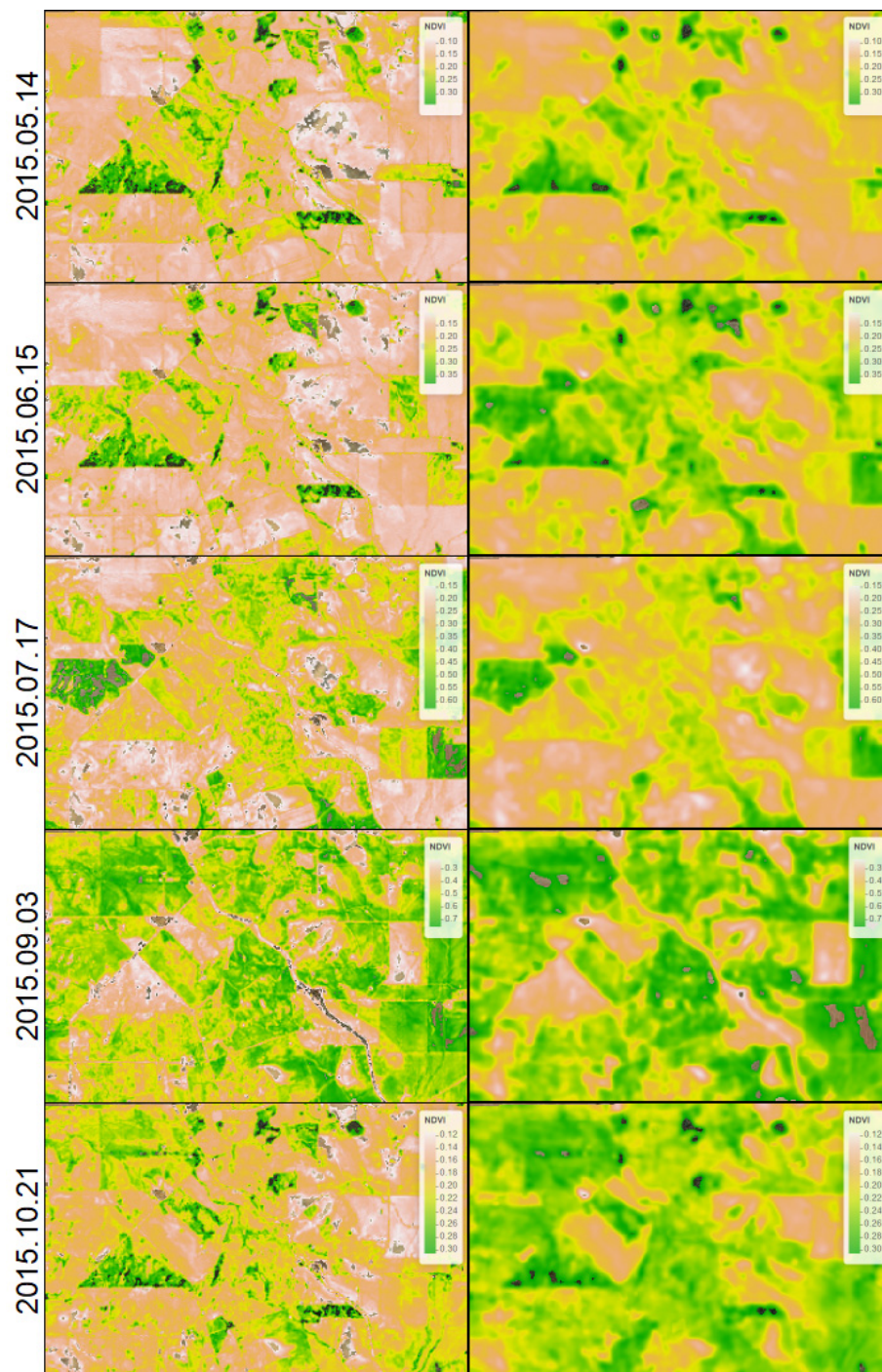


Figure S3. 2015 growing season Landsat-8 NDVI test data (left column) and SWindex NDVI predictions (right column).

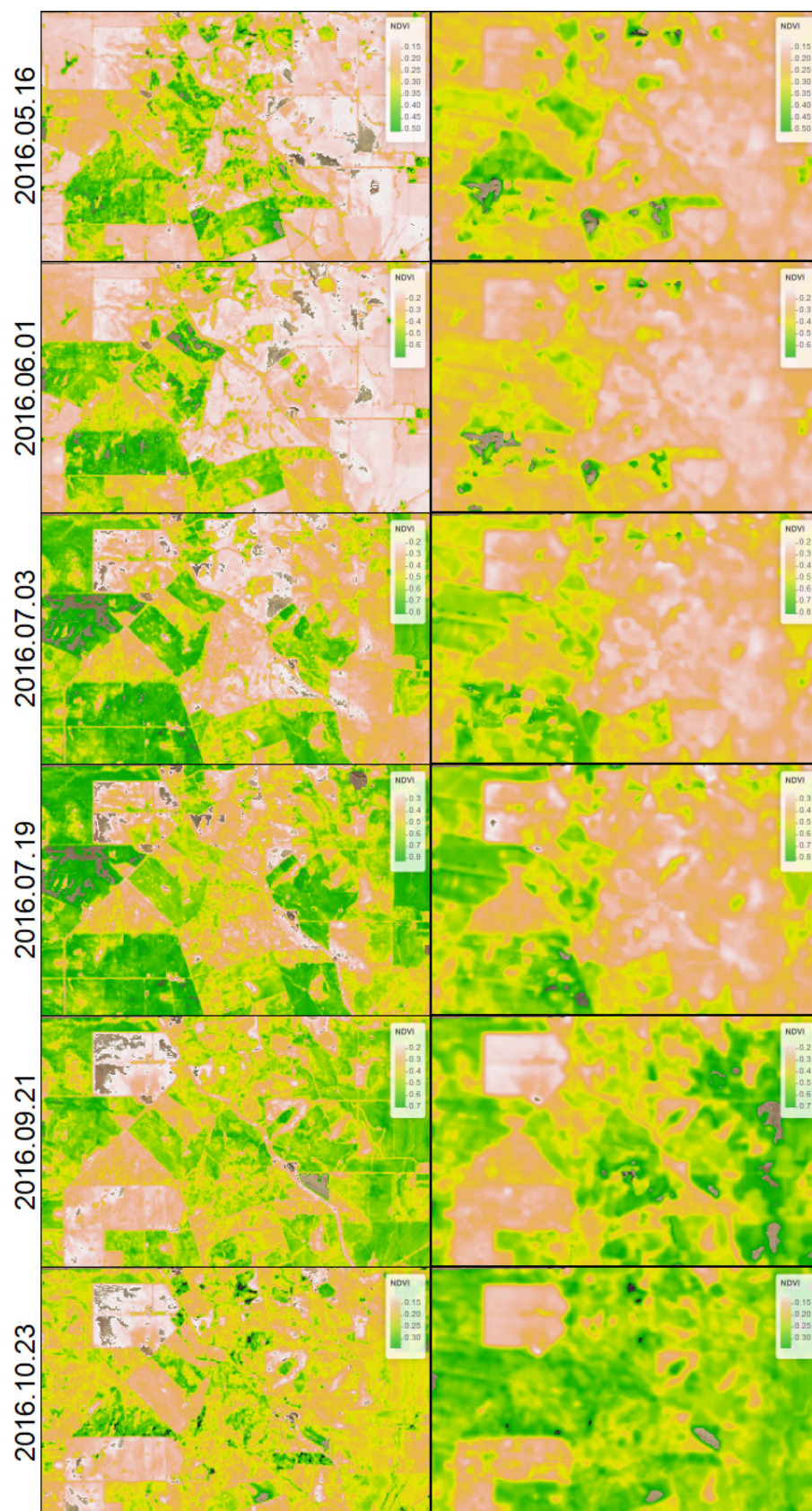


Figure S4. 2016 growing season Landsat-8 NDVI test data (left column) and SWindex NDVI predictions (right column).

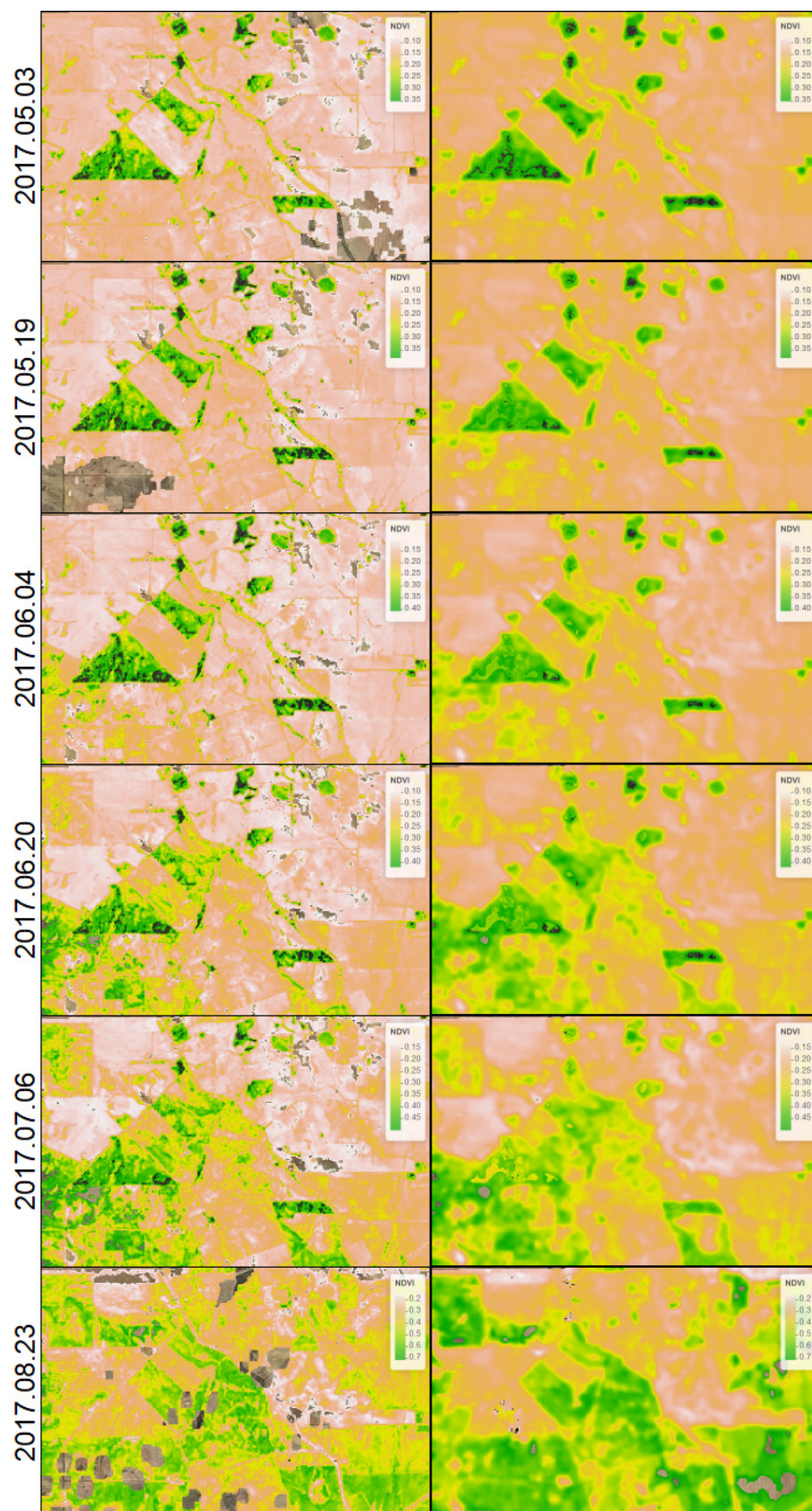


Figure S5. 2017 growing season Landsat-8 NDVI test data (left column) and SWindex NDVI predictions (right column).

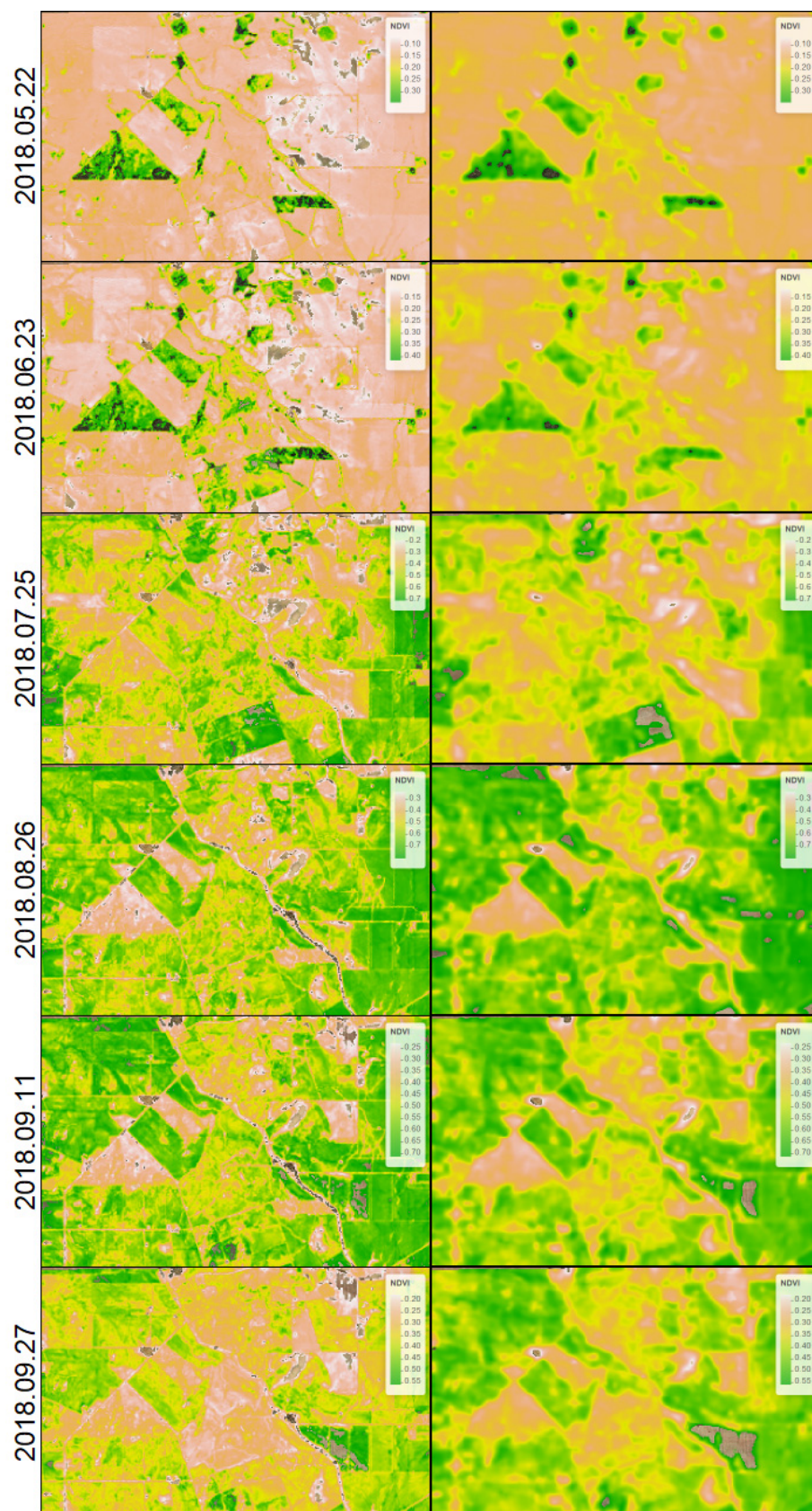


Figure S6. 2018 growing season Landsat-8 NDVI test data (left column) and SWindex NDVI predictions (right column).

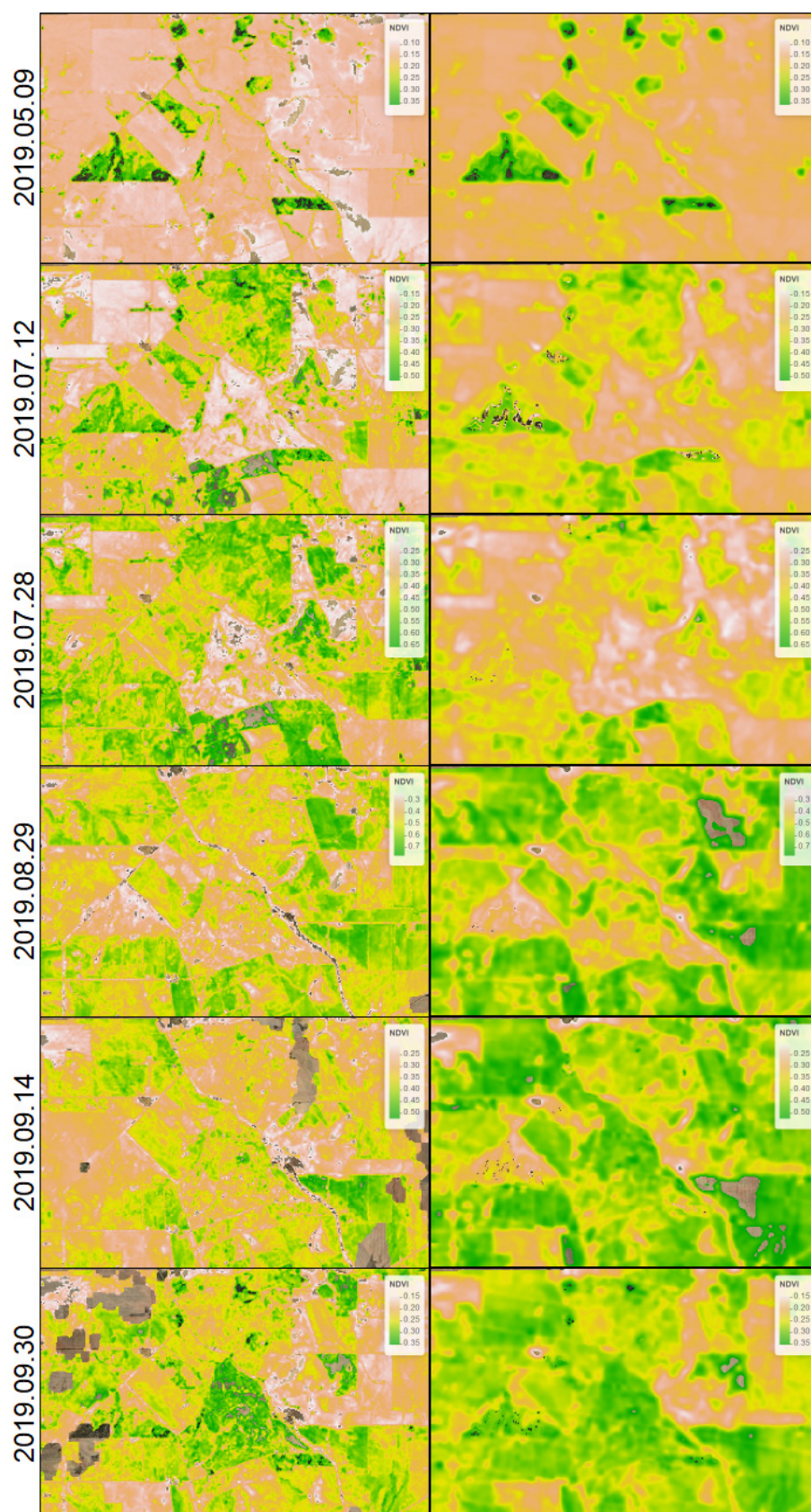


Figure S7. 2019 growing season Landsat-8 NDVI test data (left column) and SWinex NDVI predictions (right column).

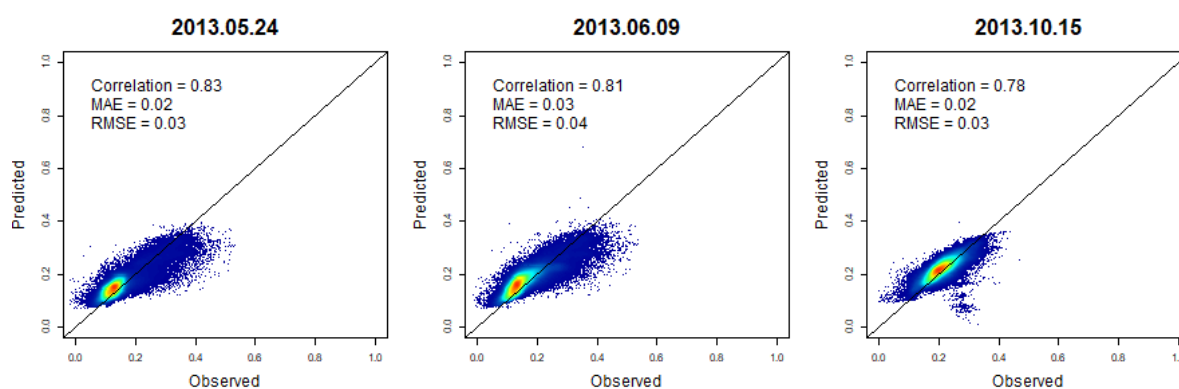


Figure S8. Scatterplot of observed by predicted 2013 growing season Landsat-8 NDVI, coloured by density.

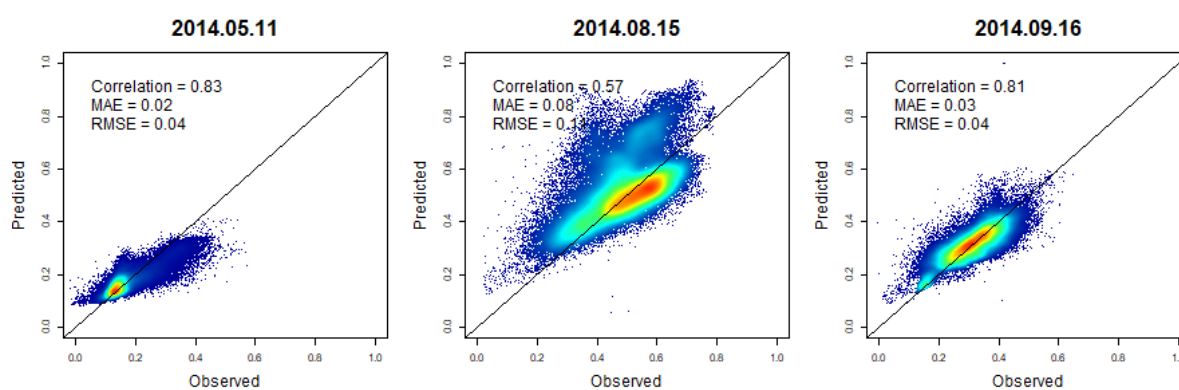


Figure S9. Scatterplot of observed by predicted 2015 growing season Landsat-8 NDVI, coloured by density.

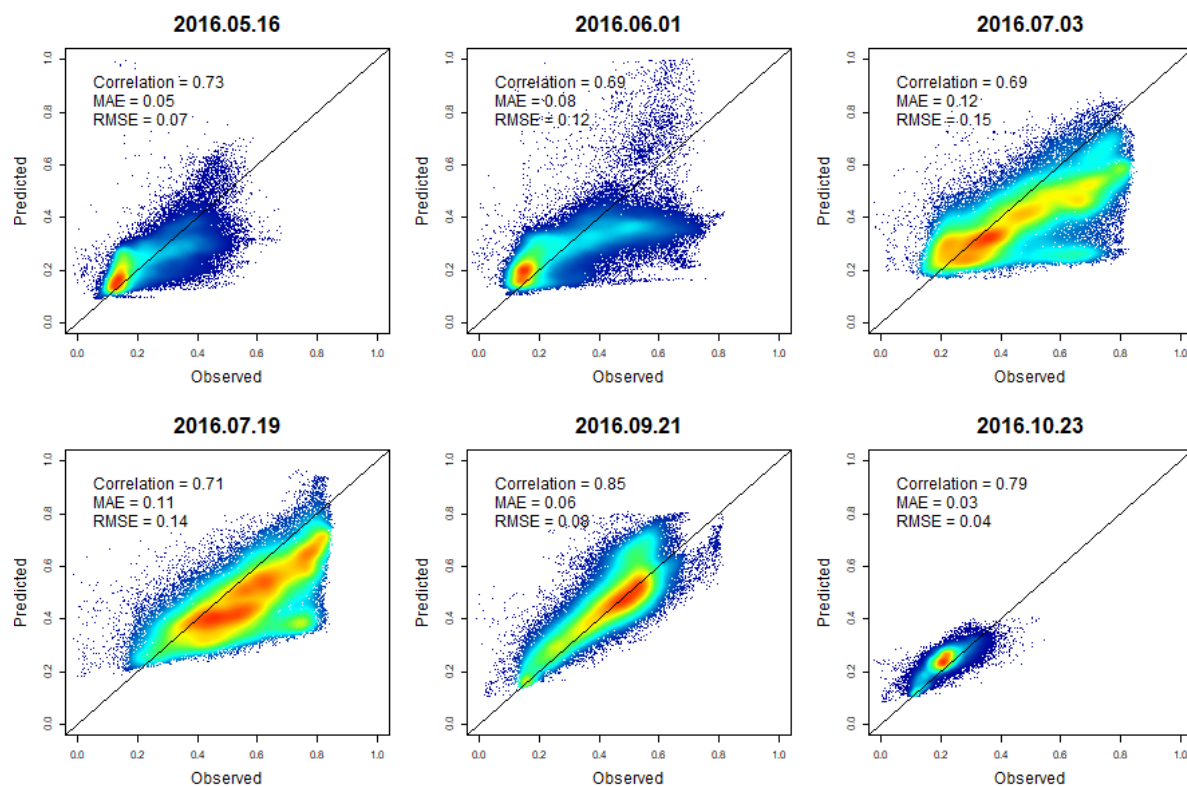


Figure S10. Scatterplot of observed by predicted 2016 growing season Landsat-8 NDVI, coloured by density: cloud not correctly masked in L-7 2016-07-27 has caused errors in June/July predictions (although l-7 prediction on that date was higher than observed indicating some correction).

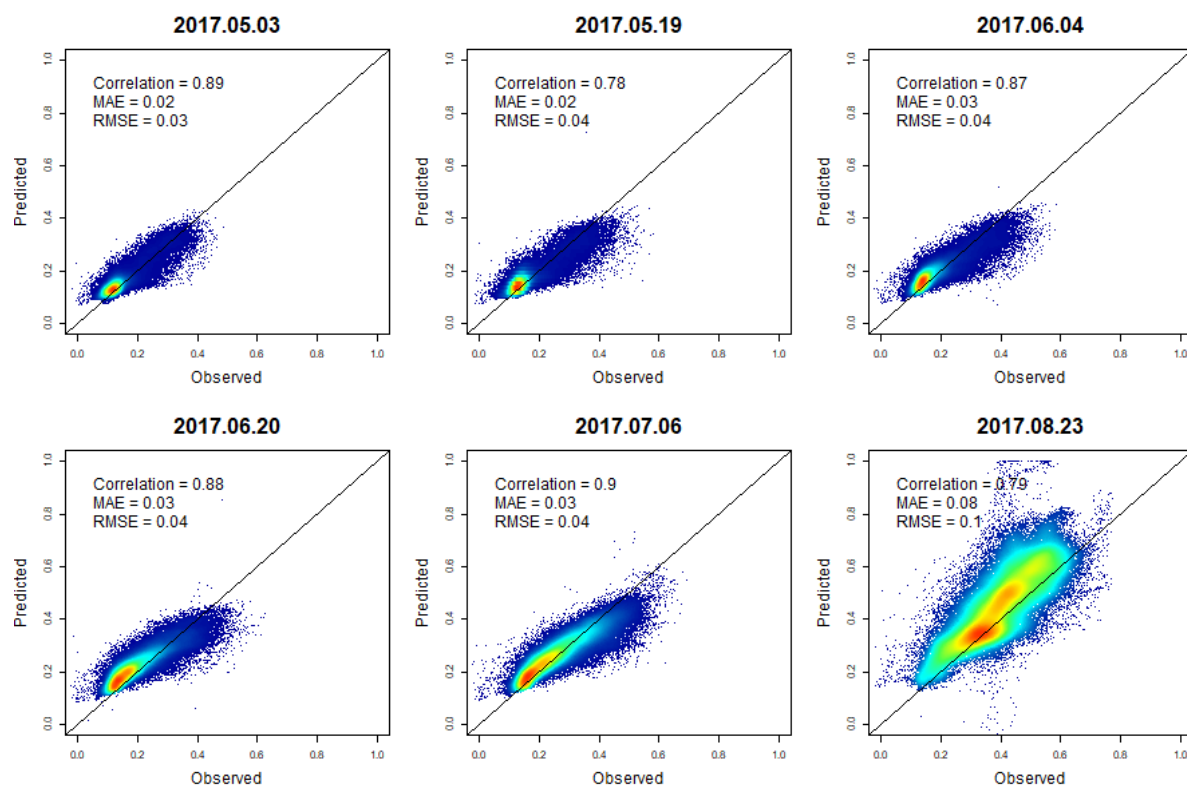


Figure S11. Scatterplot of observed by predicted 2017 growing season Landsat-8 NDVI, coloured by density.

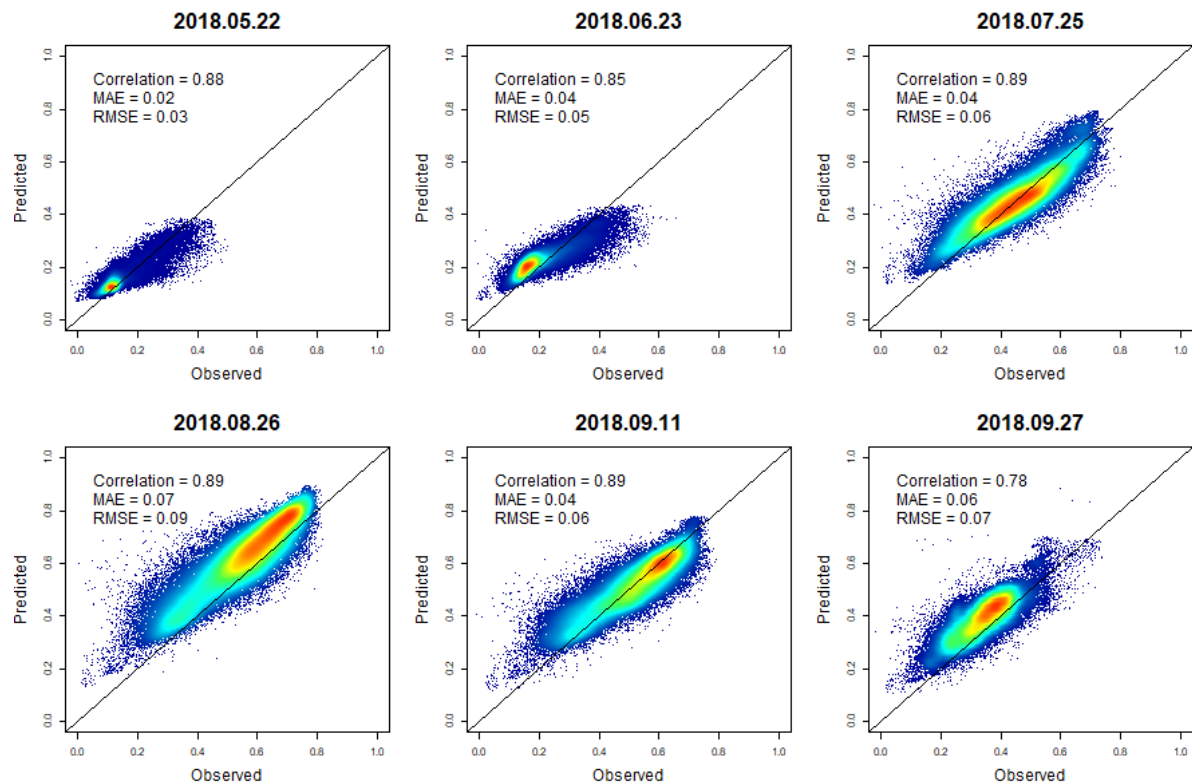


Figure S12. Scatterplot of observed by predicted 2018 growing season Landsat-8 NDVI, coloured by density: under-prediction in July and September.

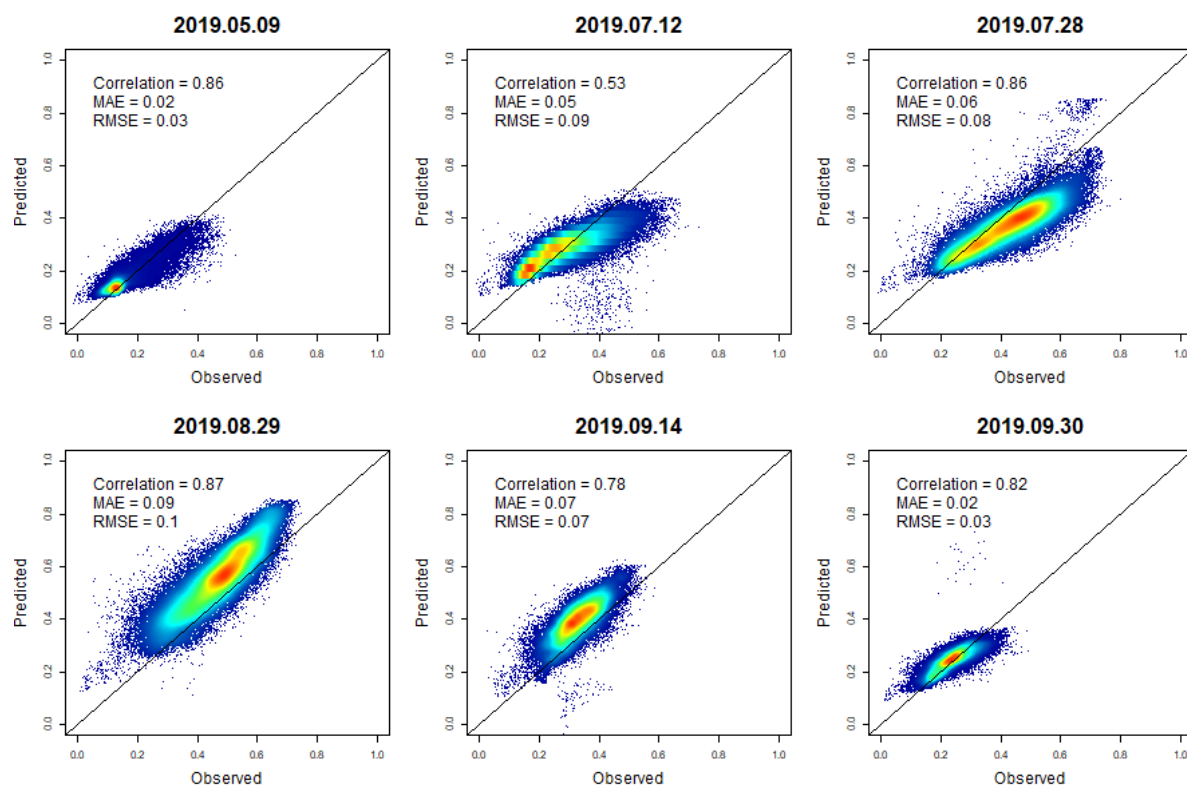


Figure S13. Scatterplot of observed by predicted 2019 growing season Landsat-8 NDVI, coloured by density: under-prediction in July.