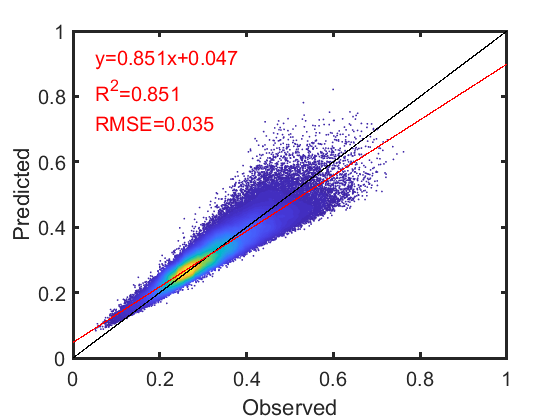
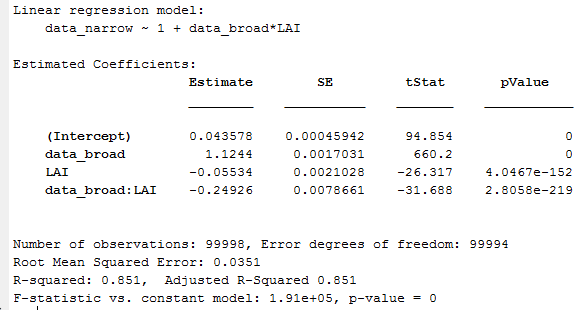
Band Conversion

1. 740nm

Equation:

Narrow= 0.043578 + 1.1244 \* Broad-0.05534\* exp(-LAI)

-0.24926 \* Broad \* exp(-LAI)

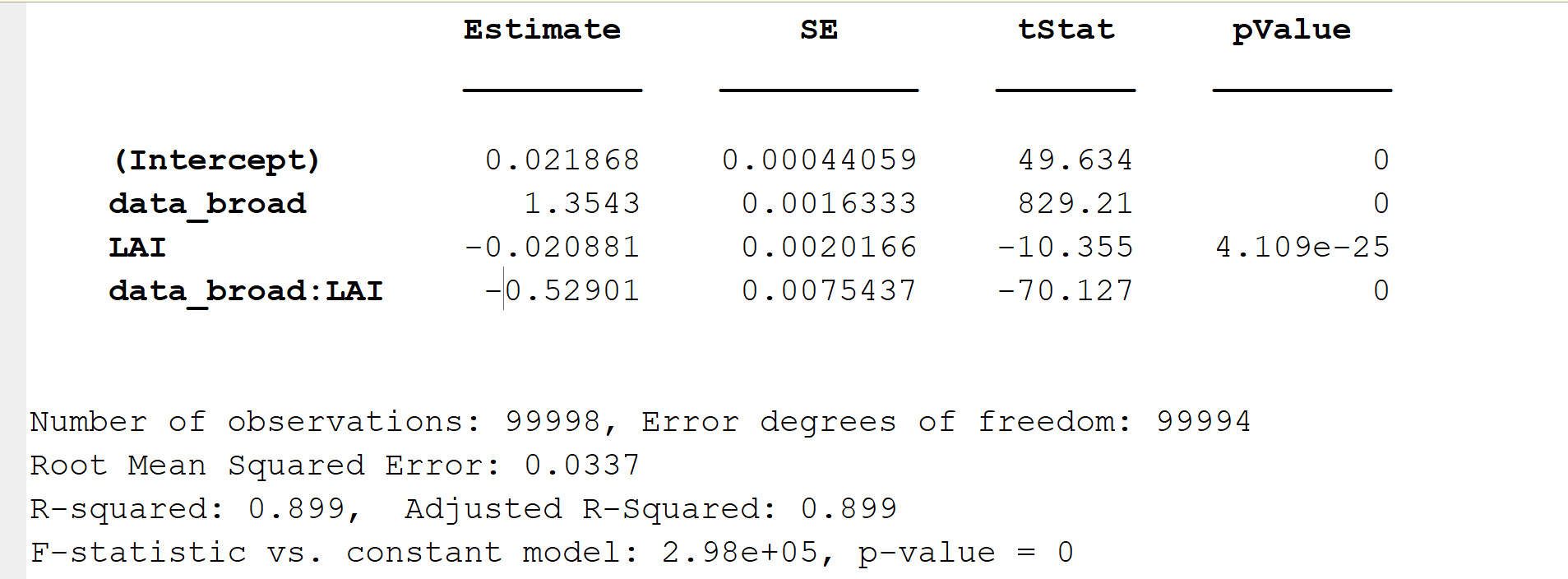
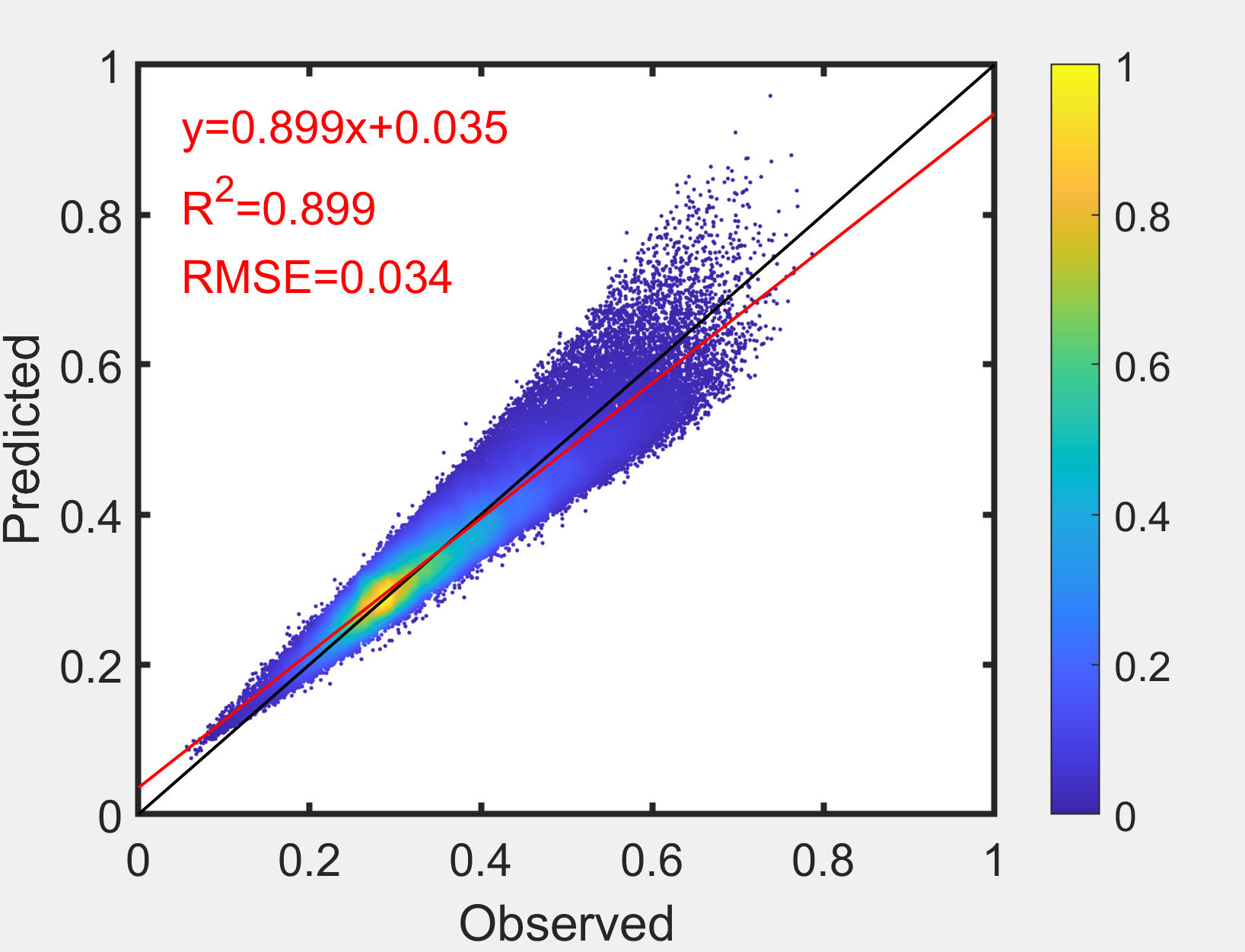


1. 757nm

Equation:

Narrow= 0.021868 + 1.3543 \* Broad- 0.020881\* exp(-LAI)

- 0.52901\* Broad \* exp(-LAI)

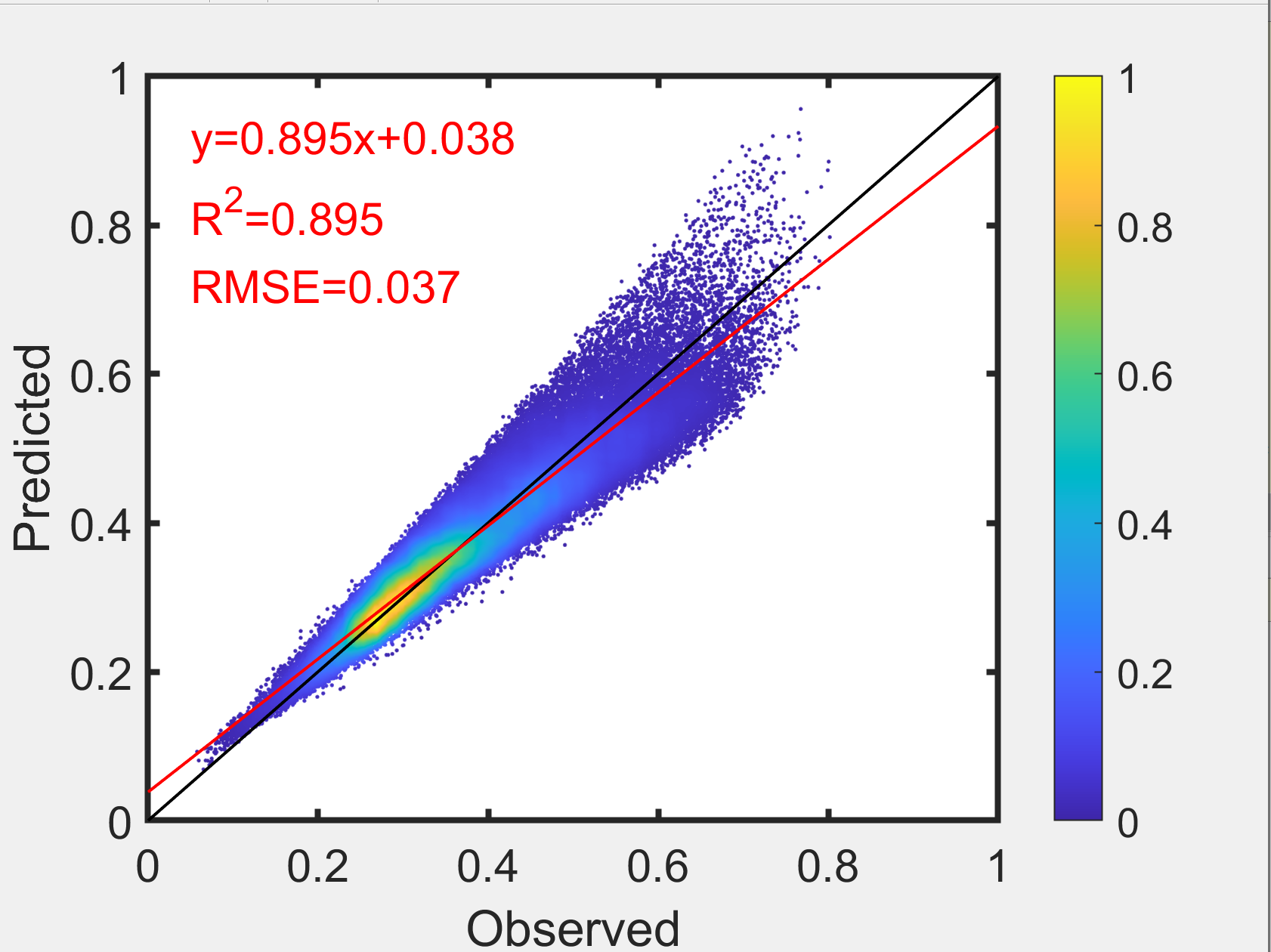
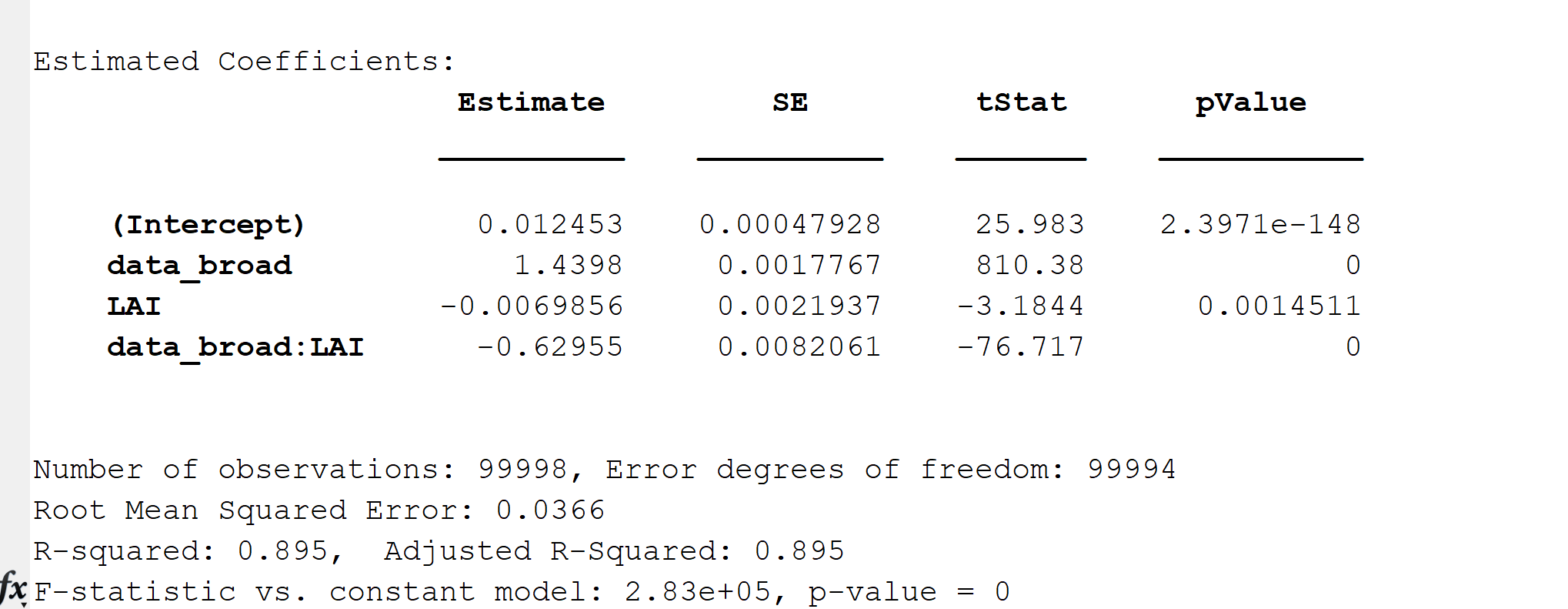
 

1. 771nm

Equation:

Narrow= 0.012453 + 1.4398 \* Broad-0.0069856 \* exp(-LAI)

- 0.62955 \* Broad \* exp(-LAI)

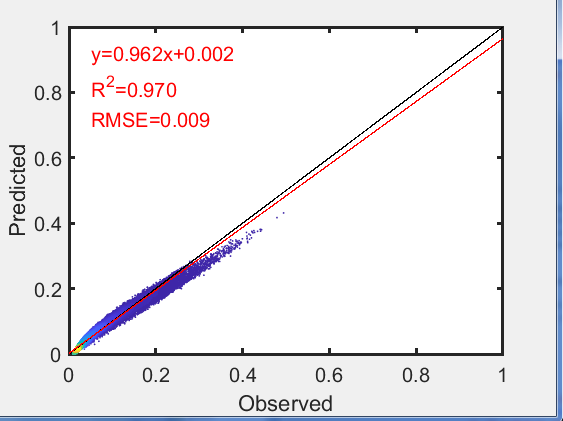
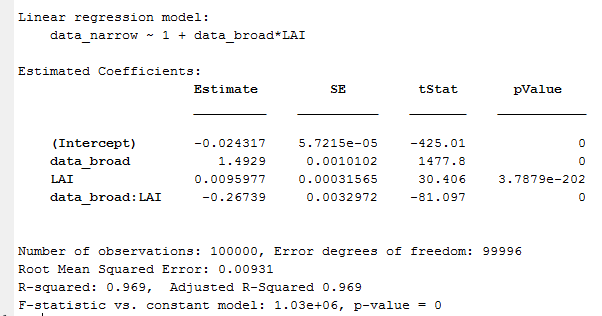


1. 650nm

Equation:

Narrow= -0.024317 + 1.4929 \* Broad+ 0.0095977 \* exp(-LAI)

- 0.26739 \* Broad \* exp(-LAI)

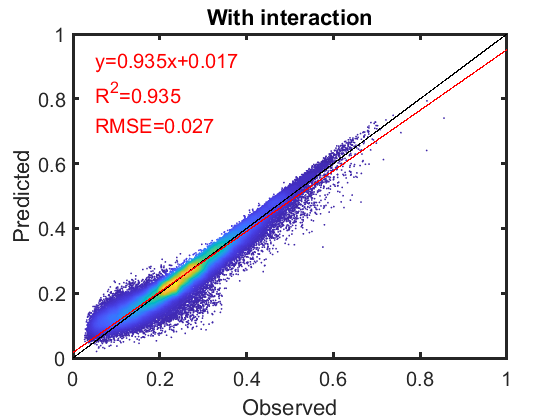
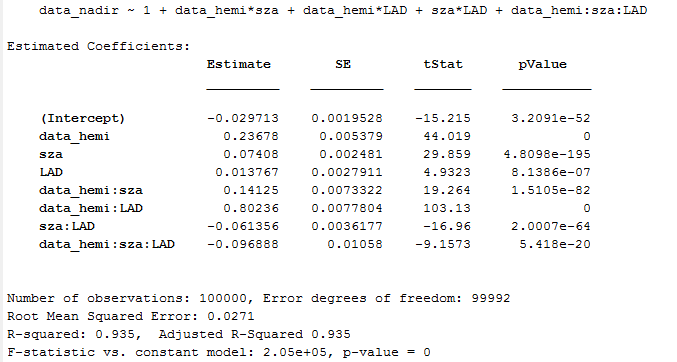


Hemi-to-Nadir

1. 740nm

Equation:

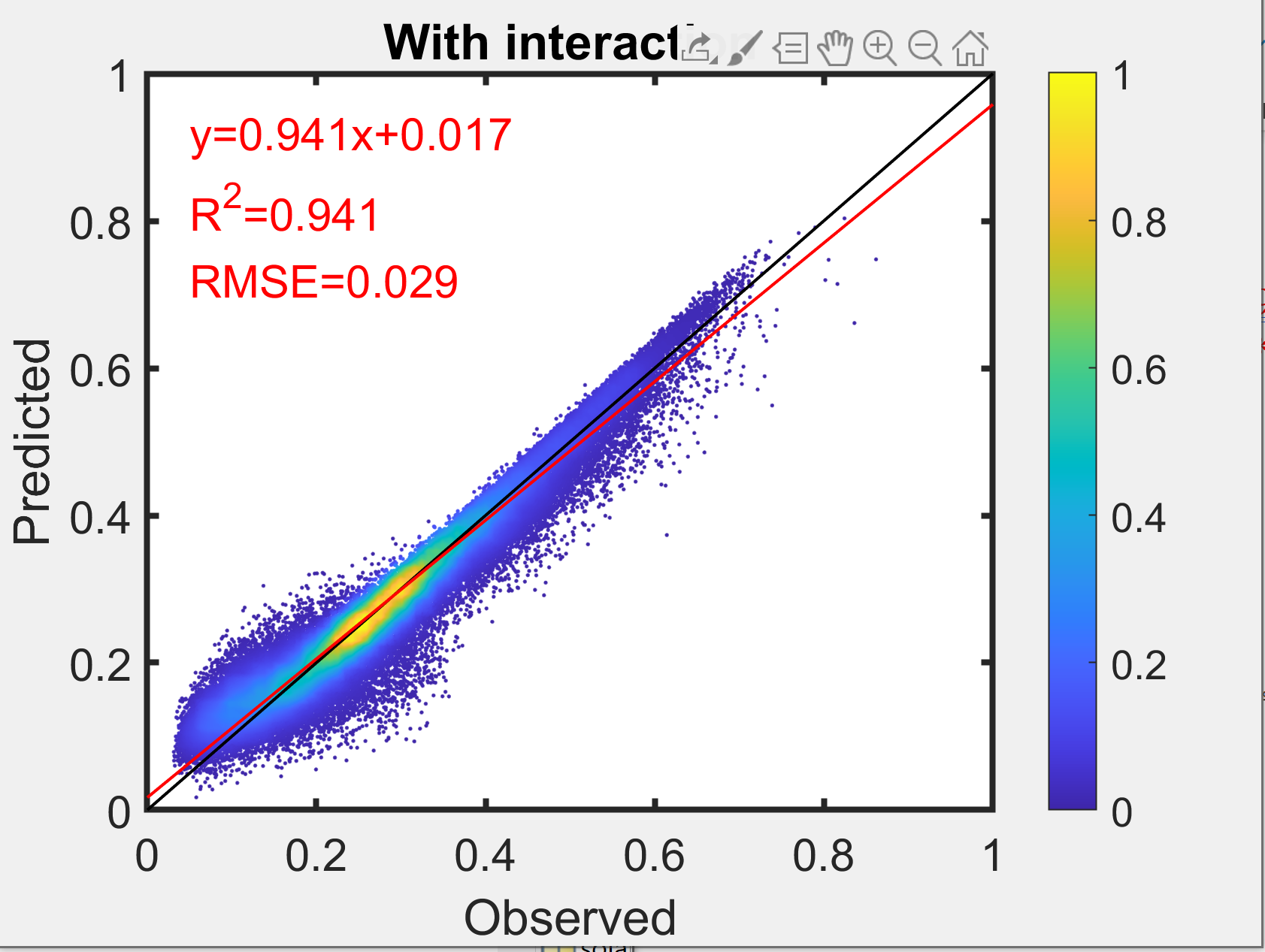
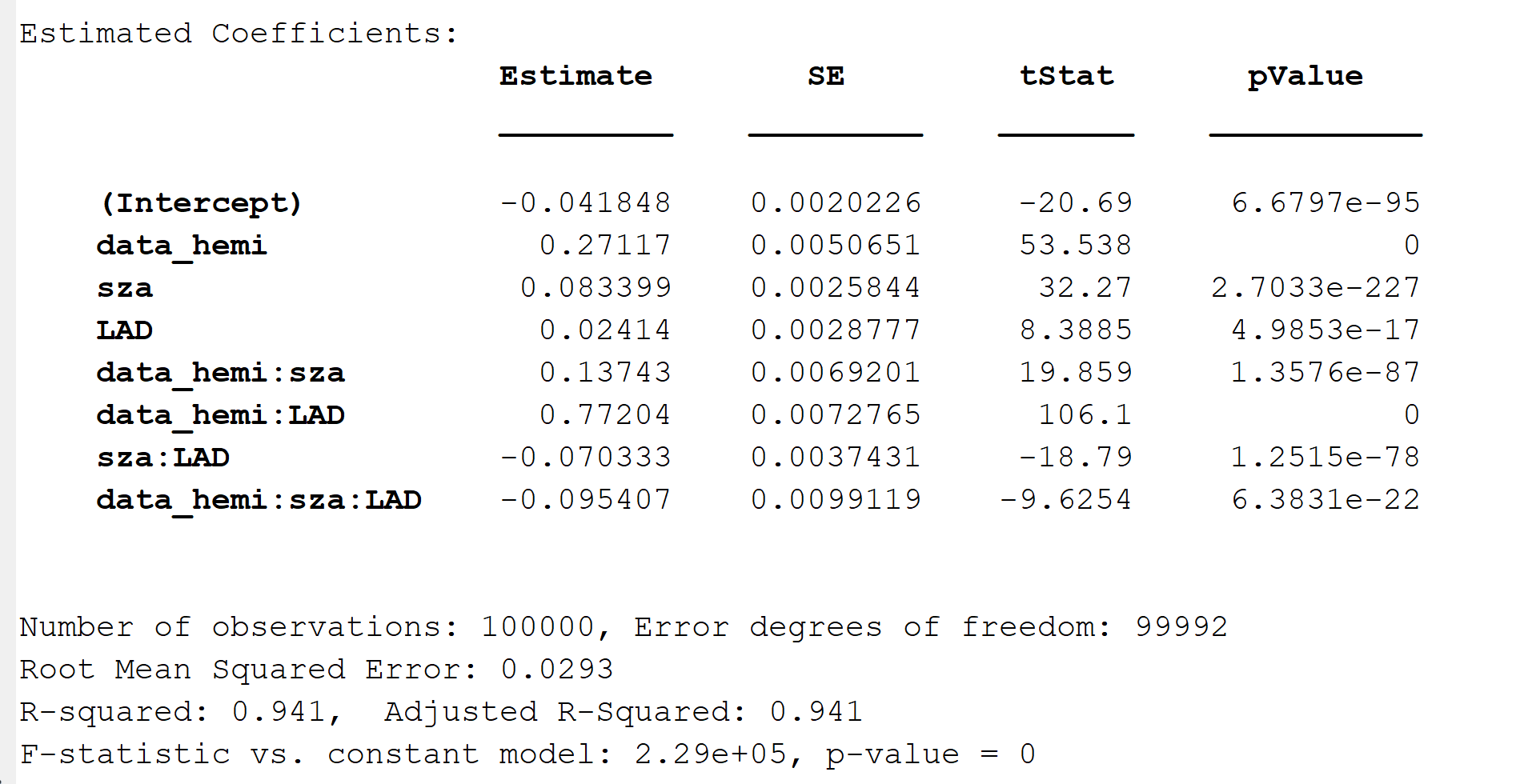
**Nadir = -0.029713 + 0.23678\* Hemi + 0.07408 \* COSSZA + 0.013767\* COSLAD + 0.14125 \* Hemi \* COSSZA + 0.80236 \* Hemi \* COSLAD – 0.061356\* COSSZA \* COSLAD-0.096888 \* Hemi \* COSSZA \* COSLAD**



1. 757nm

Equation:

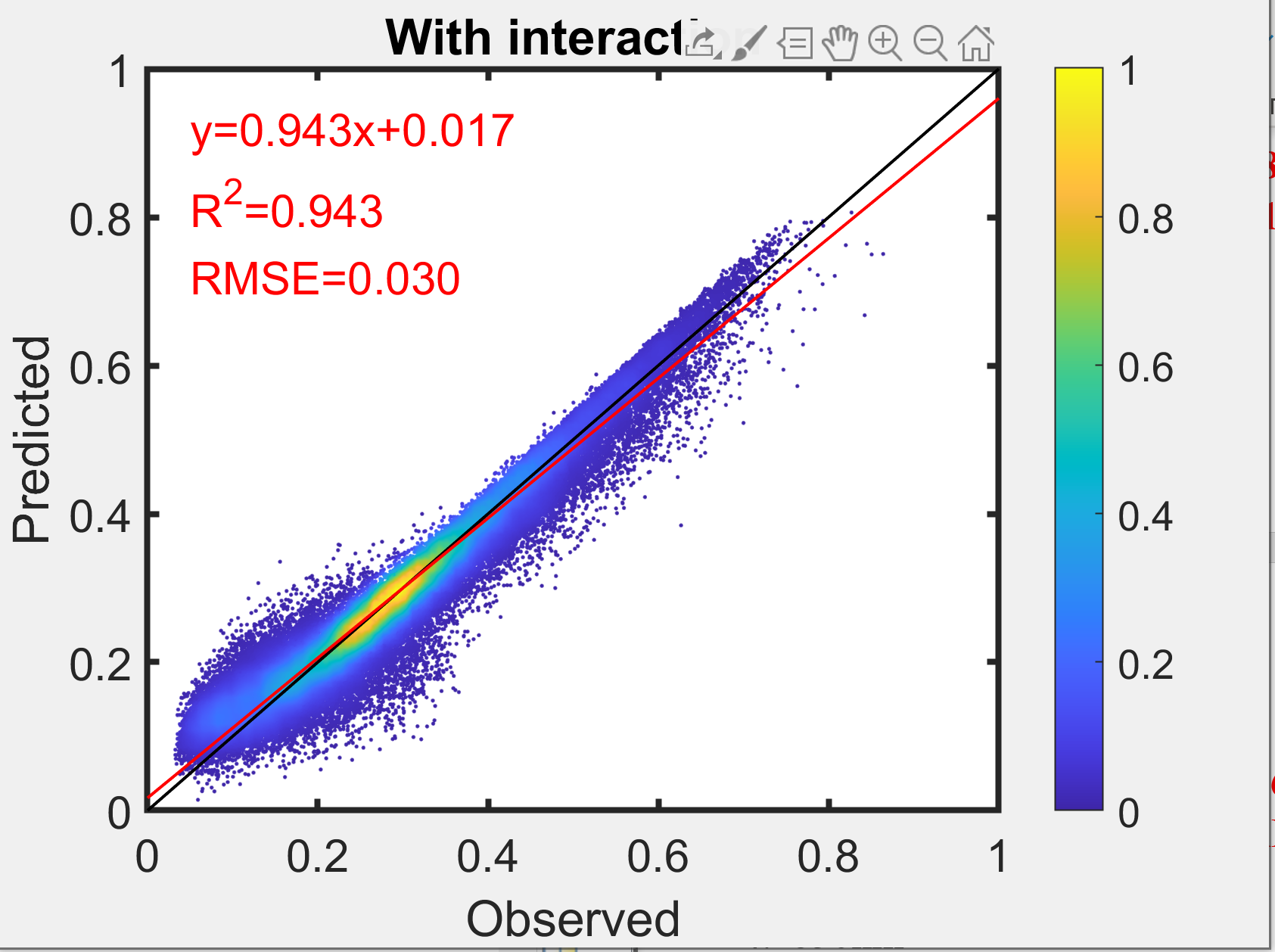
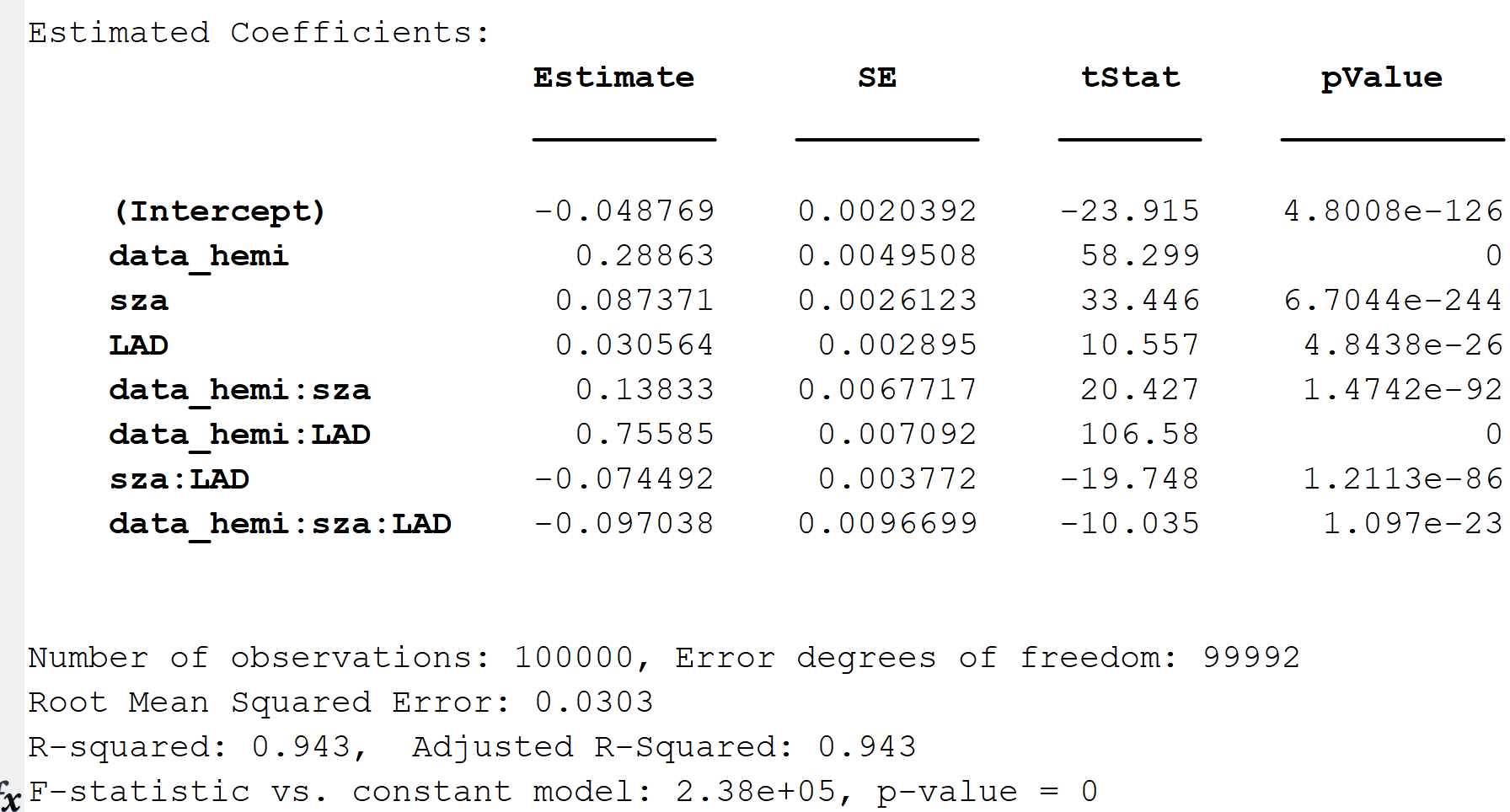
**Nadir = -0.041848+ 0.27117\* Hemi + 0.083399\* COSSZA + 0.02414 \* COSLAD + 0.13743 \* Hemi \* COSSZA + 0.77204 \* Hemi \* COSLAD – 0.070333 \* COSSZA \* COSLAD-0.095407\* Hemi \* COSSZA \* COSLAD**



1. 771nm

Equation:

**Nadir = -0.048769 + 0.28863 \* Hemi + 0.087371 \* COSSZA + 0.030564 \* COSLAD + 0.13833 \* Hemi \* COSSZA + 0.75585\* Hemi \* COSLAD – 0.074492\* COSSZA \* COSLAD-0.097038\* Hemi \* COSSZA \* COSLAD**



1. 650nm

Equation:

**Nadir = -0.0039848 + 0.13994\* Hemi + 0.021598 \* COSSZA + 0.0048785\* COSLAD + 0.57839\* Hemi \* COSSZA + 0.85545 \* Hemi \* COSLAD – 0.023785\* COSSZA \* COSLAD-** **0.52124\* Hemi \* COSSZA \* COSLAD**

