

**Supplementary Table S3.** Paired comparison of invasive and weed species using t-test.

VI	<i>Ambrosia vs Atriplex</i>	<i>Ambrosia vs Euphorbia</i>	<i>Ambrosia vs Glycyrrhiza</i>	<i>Ambrosia vs Setaria</i>	<i>Atriplex vs Euphorbia</i>	<i>Atriplex vs Glycyrrhiza</i>	<i>Atriplex vs Setaria</i>	<i>Euphorbia vs Glycyrrhiza</i>	<i>Euphorbia vs Setaria</i>	<i>Glycyrrhiza vs Setaria</i>
Datt	$1.7 \times 10^{-09}$	$9.0 \times 10^{-05}$	$1.7 \times 10^{-08}$	$2.8 \times 10^{-08}$	$3.2 \times 10^{-04}$	$1.2 \times 10^{-01}$	$1.4 \times 10^{-01}$	$6.3 \times 10^{-03}$	$7.8 \times 10^{-05}$	$1.3 \times 10^{-02}$
Maccioni	$3.6 \times 10^{-09}$	$1.9 \times 10^{-04}$	$7.8 \times 10^{-09}$	$7.7 \times 10^{-05}$	$7.3 \times 10^{-04}$	$1.4 \times 10^{-01}$	$3.5 \times 10^{-01}$	$7.3 \times 10^{-03}$	$6.5 \times 10^{-02}$	$9.6 \times 10^{-01}$
D2	$1.2 \times 10^{-08}$	$1.9 \times 10^{-02}$	$2.1 \times 10^{-07}$	$1.4 \times 10^{-03}$	$2.7 \times 10^{-04}$	$8.2 \times 10^{-03}$	$3.1 \times 10^{-01}$	$1.1 \times 10^{-02}$	$5.5 \times 10^{-02}$	$7.4 \times 10^{-01}$
DD	$1.9 \times 10^{-08}$	$7.5 \times 10^{-05}$	$2.3 \times 10^{-08}$	$1.2 \times 10^{-05}$	$2.6 \times 10^{-02}$	$9.0 \times 10^{-01}$	$2.1 \times 10^{-01}$	$3.1 \times 10^{-02}$	$3.4 \times 10^{-01}$	$2.5 \times 10^{-01}$
EGFN	$7.7 \times 10^{-08}$	$1.1 \times 10^{-03}$	$3.1 \times 10^{-05}$	$3.6 \times 10^{-03}$	$2.9 \times 10^{-04}$	$3.8 \times 10^{-04}$	$1.1 \times 10^{-02}$	$2.8 \times 10^{-01}$	$6.7 \times 10^{-01}$	$7.7 \times 10^{-01}$
REP_Li	$1.3 \times 10^{-07}$	$1.9 \times 10^{-05}$	$2.9 \times 10^{-07}$	$9.2 \times 10^{-04}$	$7.7 \times 10^{-03}$	$8.1 \times 10^{-01}$	$1.8 \times 10^{-01}$	$7.2 \times 10^{-03}$	$7.5 \times 10^{-01}$	$2.0 \times 10^{-01}$
MTCI	$2.1 \times 10^{-07}$	$4.5 \times 10^{-04}$	$2.5 \times 10^{-08}$	$4.5 \times 10^{-03}$	$1.4 \times 10^{-03}$	$2.2 \times 10^{-01}$	$6.5 \times 10^{-02}$	$6.9 \times 10^{-03}$	$5.2 \times 10^{-01}$	$2.2 \times 10^{-01}$
D1	$2.6 \times 10^{-07}$	$4.7 \times 10^{-07}$	$2.1 \times 10^{-07}$	$4.6 \times 10^{-12}$	$4.8 \times 10^{-02}$	$1.1 \times 10^{-01}$	$4.8 \times 10^{-06}$	$5.6 \times 10^{-01}$	$1.5 \times 10^{-08}$	$2.7 \times 10^{-08}$
EGFR	$5.2 \times 10^{-07}$	$1.4 \times 10^{-03}$	$1.3 \times 10^{-05}$	$1.1 \times 10^{-02}$	$3.3 \times 10^{-04}$	$8.5 \times 10^{-04}$	$2.1 \times 10^{-02}$	$3.3 \times 10^{-01}$	$5.6 \times 10^{-01}$	$9.7 \times 10^{-01}$
Vogelmann	$1.2 \times 10^{-06}$	$5.6 \times 10^{-08}$	$2.4 \times 10^{-11}$	$7.6 \times 10^{-03}$	$6.4 \times 10^{-01}$	$2.3 \times 10^{-03}$	$7.6 \times 10^{-02}$	$2.8 \times 10^{-03}$	$3.6 \times 10^{-02}$	$6.3 \times 10^{-04}$
Vogelmann2	$2.5 \times 10^{-06}$	$4.7 \times 10^{-05}$	$1.9 \times 10^{-07}$	$4.9 \times 10^{-03}$	$6.5 \times 10^{-02}$	$2.7 \times 10^{-01}$	$2.7 \times 10^{-01}$	$4.9 \times 10^{-03}$	$8.5 \times 10^{-01}$	$7.0 \times 10^{-02}$
Datt2	$2.7 \times 10^{-06}$	$2.7 \times 10^{-06}$	$2.7 \times 10^{-10}$	$6.5 \times 10^{-03}$	$5.8 \times 10^{-01}$	$2.0 \times 10^{-03}$	$1.4 \times 10^{-01}$	$2.9 \times 10^{-04}$	$2.6 \times 10^{-01}$	$8.7 \times 10^{-04}$
Vogelmann4	$3.0 \times 10^{-06}$	$4.6 \times 10^{-05}$	$1.6 \times 10^{-07}$	$5.6 \times 10^{-03}$	$7.4 \times 10^{-02}$	$2.3 \times 10^{-01}$	$2.4 \times 10^{-01}$	$4.4 \times 10^{-03}$	$9.4 \times 10^{-01}$	$5.3 \times 10^{-02}$
SR8	$5.9 \times 10^{-06}$	$1.6 \times 10^{-03}$	$1.4 \times 10^{-05}$	$5.6 \times 10^{-02}$	$2.0 \times 10^{-07}$	$3.4 \times 10^{-08}$	$1.1 \times 10^{-02}$	$1.6 \times 10^{-02}$	$8.8 \times 10^{-05}$	$1.1 \times 10^{-06}$
Carter4	$1.8 \times 10^{-05}$	$7.5 \times 10^{-05}$	$2.3 \times 10^{-08}$	$6.6 \times 10^{-01}$	$4.0 \times 10^{-01}$	$9.2 \times 10^{-03}$	$6.6 \times 10^{-03}$	$7.0 \times 10^{-04}$	$1.8 \times 10^{-02}$	$3.2 \times 10^{-04}$
SR6	$1.9 \times 10^{-05}$	$7.1 \times 10^{-06}$	$2.9 \times 10^{-10}$	$3.6 \times 10^{-01}$	$8.7 \times 10^{-01}$	$2.8 \times 10^{-03}$	$6.7 \times 10^{-03}$	$8.3 \times 10^{-04}$	$7.4 \times 10^{-03}$	$5.8 \times 10^{-05}$
OSAVI2	$3.8 \times 10^{-05}$	$4.3 \times 10^{-06}$	$1.8 \times 10^{-09}$	$8.7 \times 10^{-01}$	$6.5 \times 10^{-01}$	$7.5 \times 10^{-04}$	$3.8 \times 10^{-03}$	$7.8 \times 10^{-04}$	$1.8 \times 10^{-03}$	$4.0 \times 10^{-05}$
NDVI2	$3.8 \times 10^{-05}$	$4.4 \times 10^{-06}$	$1.9 \times 10^{-09}$	$8.7 \times 10^{-01}$	$6.5 \times 10^{-01}$	$7.6 \times 10^{-04}$	$3.8 \times 10^{-03}$	$7.8 \times 10^{-04}$	$1.8 \times 10^{-03}$	$4.1 \times 10^{-05}$
mSR2	$5.6 \times 10^{-05}$	$5.4 \times 10^{-06}$	$3.0 \times 10^{-10}$	$7.7 \times 10^{-01}$	$6.7 \times 10^{-01}$	$5.9 \times 10^{-04}$	$3.1 \times 10^{-03}$	$6.4 \times 10^{-04}$	$1.3 \times 10^{-03}$	$9.3 \times 10^{-06}$
Vogelmann3	$6.2 \times 10^{-05}$	$1.0 \times 10^{+00}$	$9.0 \times 10^{-04}$	$4.1 \times 10^{-01}$	$1.3 \times 10^{-04}$	$3.1 \times 10^{-02}$	$2.8 \times 10^{-03}$	$2.7 \times 10^{-03}$	$4.2 \times 10^{-01}$	$2.0 \times 10^{-02}$

MCARI	$1.0 \times 10^{-04}$	$2.4 \times 10^{-02}$	$1.5 \times 10^{-02}$	$2.7 \times 10^{-07}$	$3.5 \times 10^{-05}$	$3.8 \times 10^{-04}$	$2.0 \times 10^{-03}$	$2.9 \times 10^{-01}$	$9.6 \times 10^{-07}$	$4.3 \times 10^{-05}$
CRI4	$1.1 \times 10^{-04}$	$7.3 \times 10^{-06}$	$3.6 \times 10^{-10}$	$7.8 \times 10^{-01}$	$4.6 \times 10^{-01}$	$1.7 \times 10^{-04}$	$1.4 \times 10^{-03}$	$4.9 \times 10^{-04}$	$3.3 \times 10^{-04}$	$1.6 \times 10^{-06}$
MCARI2	$1.3 \times 10^{-04}$	$6.8 \times 10^{-06}$	$1.5 \times 10^{-10}$	$7.9 \times 10^{-01}$	$3.0 \times 10^{-02}$	$5.8 \times 10^{-06}$	$1.4 \times 10^{-03}$	$7.2 \times 10^{-03}$	$2.8 \times 10^{-05}$	$1.3 \times 10^{-07}$
TGI	$1.4 \times 10^{-04}$	$3.4 \times 10^{-01}$	$8.6 \times 10^{-02}$	$7.8 \times 10^{-05}$	$2.5 \times 10^{-04}$	$7.2 \times 10^{-07}$	$1.3 \times 10^{-01}$	$6.6 \times 10^{-01}$	$4.9 \times 10^{-05}$	$3.4 \times 10^{-06}$
GMI2	$1.6 \times 10^{-04}$	$2.8 \times 10^{-06}$	$4.1 \times 10^{-10}$	$8.7 \times 10^{-01}$	$2.4 \times 10^{-01}$	$9.2 \times 10^{-05}$	$1.8 \times 10^{-03}$	$6.0 \times 10^{-04}$	$1.8 \times 10^{-04}$	$9.5 \times 10^{-07}$
SR1	$1.6 \times 10^{-04}$	$2.8 \times 10^{-06}$	$4.1 \times 10^{-10}$	$8.7 \times 10^{-01}$	$2.4 \times 10^{-01}$	$9.2 \times 10^{-05}$	$1.8 \times 10^{-03}$	$6.0 \times 10^{-04}$	$1.8 \times 10^{-04}$	$9.5 \times 10^{-07}$
CI2	$2.1 \times 10^{-04}$	$1.2 \times 10^{-05}$	$9.4 \times 10^{-10}$	$7.2 \times 10^{-01}$	$4.9 \times 10^{-01}$	$2.0 \times 10^{-04}$	$1.5 \times 10^{-03}$	$3.9 \times 10^{-04}$	$3.5 \times 10^{-04}$	$1.3 \times 10^{-06}$
Green_NDVI	$2.4 \times 10^{-04}$	$6.0 \times 10^{-05}$	$6.8 \times 10^{-09}$	$5.2 \times 10^{-02}$	$6.3 \times 10^{-01}$	$1.2 \times 10^{-04}$	$5.8 \times 10^{-02}$	$2.5 \times 10^{-04}$	$2.2 \times 10^{-02}$	$6.3 \times 10^{-06}$
CI	$5.0 \times 10^{-04}$	$2.7 \times 10^{-11}$	$1.0 \times 10^{-10}$	$2.4 \times 10^{-01}$	$8.2 \times 10^{-09}$	$4.6 \times 10^{-08}$	$6.2 \times 10^{-03}$	$1.4 \times 10^{-01}$	$6.3 \times 10^{-11}$	$2.7 \times 10^{-10}$
Carter2	$5.6 \times 10^{-04}$	$9.2 \times 10^{-06}$	$7.2 \times 10^{-08}$	$3.8 \times 10^{-01}$	$1.0 \times 10^{-01}$	$8.7 \times 10^{-05}$	$2.6 \times 10^{-03}$	$6.6 \times 10^{-04}$	$4.0 \times 10^{-04}$	$2.6 \times 10^{-05}$
CRI3	$6.8 \times 10^{-04}$	$1.8 \times 10^{-04}$	$1.7 \times 10^{-08}$	$2.9 \times 10^{-01}$	$6.9 \times 10^{-01}$	$1.3 \times 10^{-04}$	$1.0 \times 10^{-02}$	$2.3 \times 10^{-04}$	$3.5 \times 10^{-03}$	$2.3 \times 10^{-07}$
GMI1	$9.2 \times 10^{-04}$	$6.2 \times 10^{-05}$	$1.2 \times 10^{-08}$	$2.8 \times 10^{-01}$	$4.1 \times 10^{-01}$	$7.9 \times 10^{-05}$	$1.6 \times 10^{-02}$	$3.0 \times 10^{-04}$	$1.8 \times 10^{-03}$	$2.2 \times 10^{-07}$
SR3	$9.2 \times 10^{-04}$	$6.2 \times 10^{-05}$	$1.2 \times 10^{-08}$	$2.8 \times 10^{-01}$	$4.1 \times 10^{-01}$	$7.9 \times 10^{-05}$	$1.6 \times 10^{-02}$	$3.0 \times 10^{-04}$	$1.8 \times 10^{-03}$	$2.2 \times 10^{-07}$
TCARI	$1.2 \times 10^{-03}$	$2.1 \times 10^{-01}$	$9.1 \times 10^{-01}$	$6.8 \times 10^{-06}$	$1.7 \times 10^{-04}$	$2.6 \times 10^{-04}$	$2.1 \times 10^{-02}$	$1.3 \times 10^{-01}$	$2.5 \times 10^{-06}$	$8.2 \times 10^{-07}$
SR2	$1.3 \times 10^{-03}$	$5.9 \times 10^{-07}$	$1.1 \times 10^{-08}$	$3.7 \times 10^{-01}$	$8.1 \times 10^{-03}$	$5.2 \times 10^{-06}$	$1.3 \times 10^{-03}$	$1.2 \times 10^{-03}$	$4.5 \times 10^{-06}$	$2.1 \times 10^{-08}$
CARI	$1.4 \times 10^{-03}$	$5.5 \times 10^{-01}$	$9.7 \times 10^{-01}$	$1.4 \times 10^{-03}$	$3.6 \times 10^{-04}$	$1.3 \times 10^{-03}$	$8.5 \times 10^{-01}$	$5.2 \times 10^{-01}$	$3.4 \times 10^{-04}$	$1.2 \times 10^{-03}$
TCARI.OSAVI	$1.4 \times 10^{-03}$	$2.5 \times 10^{-01}$	$2.1 \times 10^{-03}$	$1.4 \times 10^{-03}$	$6.1 \times 10^{-03}$	$5.5 \times 10^{-01}$	$8.8 \times 10^{-01}$	$5.8 \times 10^{-03}$	$4.7 \times 10^{-03}$	$6.2 \times 10^{-01}$
TCARI2	$1.6 \times 10^{-03}$	$2.6 \times 10^{-06}$	$1.0 \times 10^{-07}$	$3.6 \times 10^{-01}$	$4.8 \times 10^{-03}$	$1.4 \times 10^{-04}$	$4.1 \times 10^{-03}$	$3.6 \times 10^{-01}$	$5.0 \times 10^{-05}$	$3.4 \times 10^{-05}$
Datt6	$1.8 \times 10^{-03}$	$3.3 \times 10^{-02}$	$4.5 \times 10^{-06}$	$1.4 \times 10^{-02}$	$6.1 \times 10^{-02}$	$2.0 \times 10^{-01}$	$3.5 \times 10^{-01}$	$2.4 \times 10^{-04}$	$3.6 \times 10^{-01}$	$2.0 \times 10^{-02}$
Boochs2	$2.2 \times 10^{-03}$	$1.7 \times 10^{-05}$	$8.2 \times 10^{-10}$	$5.9 \times 10^{-02}$	$1.8 \times 10^{-02}$	$1.4 \times 10^{-05}$	$2.6 \times 10^{-04}$	$2.4 \times 10^{-02}$	$3.5 \times 10^{-06}$	$8.3 \times 10^{-08}$
Datt4	$4.9 \times 10^{-03}$	$1.5 \times 10^{-02}$	$1.3 \times 10^{-02}$	$6.5 \times 10^{-05}$	$3.0 \times 10^{-05}$	$2.7 \times 10^{-05}$	$1.9 \times 10^{-02}$	$9.8 \times 10^{-01}$	$2.0 \times 10^{-06}$	$2.0 \times 10^{-06}$
Carter5	$7.8 \times 10^{-03}$	$1.3 \times 10^{-01}$	$1.0 \times 10^{-02}$	$1.7 \times 10^{-05}$	$5.5 \times 10^{-05}$	$8.9 \times 10^{-04}$	$1.1 \times 10^{-03}$	$4.3 \times 10^{-02}$	$2.1 \times 10^{-07}$	$7.2 \times 10^{-05}$
SR	$1.1 \times 10^{-02}$	$2.2 \times 10^{-06}$	$2.5 \times 10^{-06}$	$1.7 \times 10^{-01}$	$2.3 \times 10^{-03}$	$2.9 \times 10^{-05}$	$1.9 \times 10^{-03}$	$2.8 \times 10^{-03}$	$1.9 \times 10^{-06}$	$3.5 \times 10^{-07}$
PSRI	$1.3 \times 10^{-02}$	$7.2 \times 10^{-05}$	$2.9 \times 10^{-05}$	$1.4 \times 10^{-02}$	$1.6 \times 10^{-02}$	$4.2 \times 10^{-03}$	$6.3 \times 10^{-04}$	$3.8 \times 10^{-01}$	$1.1 \times 10^{-04}$	$7.6 \times 10^{-05}$
NDVI	$1.3 \times 10^{-02}$	$7.2 \times 10^{-06}$	$3.5 \times 10^{-08}$	$1.6 \times 10^{-01}$	$2.5 \times 10^{-03}$	$3.1 \times 10^{-06}$	$3.4 \times 10^{-03}$	$1.2 \times 10^{-03}$	$5.8 \times 10^{-05}$	$1.7 \times 10^{-06}$
Gitelson	$1.6 \times 10^{-02}$	$6.4 \times 10^{-01}$	$1.0 \times 10^{-02}$	$2.8 \times 10^{-01}$	$1.8 \times 10^{-02}$	$6.2 \times 10^{-01}$	$1.2 \times 10^{-01}$	$3.6 \times 10^{-03}$	$4.1 \times 10^{-01}$	$1.3 \times 10^{-01}$
PSSR	$3.0 \times 10^{-02}$	$4.0 \times 10^{-06}$	$3.6 \times 10^{-06}$	$1.4 \times 10^{-01}$	$1.2 \times 10^{-03}$	$2.4 \times 10^{-05}$	$3.1 \times 10^{-03}$	$2.4 \times 10^{-03}$	$1.8 \times 10^{-06}$	$5.2 \times 10^{-07}$
SR4	$4.1 \times 10^{-02}$	$7.7 \times 10^{-03}$	$2.5 \times 10^{-03}$	$4.0 \times 10^{-05}$	$1.8 \times 10^{-05}$	$4.8 \times 10^{-04}$	$8.3 \times 10^{-04}$	$3.8 \times 10^{-02}$	$5.3 \times 10^{-08}$	$3.5 \times 10^{-05}$
Carter3	$4.3 \times 10^{-02}$	$3.5 \times 10^{-05}$	$9.5 \times 10^{-08}$	$1.1 \times 10^{-01}$	$3.6 \times 10^{-03}$	$2.4 \times 10^{-06}$	$4.8 \times 10^{-03}$	$4.3 \times 10^{-04}$	$9.2 \times 10^{-05}$	$2.9 \times 10^{-06}$
PRI.CI2	$4.4 \times 10^{-02}$	$9.8 \times 10^{-05}$	$3.0 \times 10^{-04}$	$5.3 \times 10^{-08}$	$1.5 \times 10^{-05}$	$2.7 \times 10^{-05}$	$3.9 \times 10^{-04}$	$5.7 \times 10^{-02}$	$8.4 \times 10^{-10}$	$7.1 \times 10^{-07}$
Carter6	$5.1 \times 10^{-02}$	$8.7 \times 10^{-01}$	$1.7 \times 10^{-02}$	$9.4 \times 10^{-02}$	$3.6 \times 10^{-02}$	$7.8 \times 10^{-01}$	$7.1 \times 10^{-01}$	$5.2 \times 10^{-03}$	$7.6 \times 10^{-02}$	$4.5 \times 10^{-01}$
RDVI	$6.1 \times 10^{-02}$	$3.5 \times 10^{-06}$	$9.2 \times 10^{-09}$	$3.3 \times 10^{-02}$	$1.5 \times 10^{-04}$	$2.8 \times 10^{-07}$	$2.3 \times 10^{-03}$	$2.0 \times 10^{-02}$	$2.2 \times 10^{-06}$	$9.0 \times 10^{-08}$

PARS	$6.5 \times 10^{-02}$	$4.7 \times 10^{-06}$	$7.0 \times 10^{-07}$	$8.5 \times 10^{-01}$	$1.2 \times 10^{-03}$	$4.4 \times 10^{-06}$	$1.3 \times 10^{-01}$	$5.2 \times 10^{-04}$	$3.6 \times 10^{-05}$	$6.3 \times 10^{-07}$
SAVI	$7.5 \times 10^{-02}$	$7.6 \times 10^{-05}$	$2.8 \times 10^{-07}$	$5.0 \times 10^{-02}$	$2.6 \times 10^{-03}$	$3.5 \times 10^{-06}$	$3.1 \times 10^{-03}$	$1.3 \times 10^{-03}$	$6.6 \times 10^{-05}$	$1.5 \times 10^{-06}$
DDn	$7.6 \times 10^{-02}$	$4.3 \times 10^{-03}$	$1.1 \times 10^{-03}$	$4.8 \times 10^{-01}$	$1.9 \times 10^{-01}$	$6.9 \times 10^{-02}$	$2.2 \times 10^{-01}$	$8.1 \times 10^{-01}$	$1.3 \times 10^{-02}$	$2.0 \times 10^{-03}$
OSAVI	$7.6 \times 10^{-02}$	$8.3 \times 10^{-05}$	$3.0 \times 10^{-07}$	$5.0 \times 10^{-02}$	$2.7 \times 10^{-03}$	$3.7 \times 10^{-06}$	$3.2 \times 10^{-03}$	$1.3 \times 10^{-03}$	$6.9 \times 10^{-05}$	$1.6 \times 10^{-06}$
MSAVI	$8.1 \times 10^{-02}$	$1.7 \times 10^{-04}$	$9.8 \times 10^{-07}$	$5.4 \times 10^{-02}$	$2.9 \times 10^{-03}$	$4.0 \times 10^{-06}$	$4.5 \times 10^{-03}$	$1.2 \times 10^{-03}$	$1.9 \times 10^{-04}$	$1.1 \times 10^{-05}$
SR5	$1.1 \times 10^{-01}$	$1.8 \times 10^{-03}$	$9.3 \times 10^{-05}$	$1.8 \times 10^{-04}$	$6.8 \times 10^{-06}$	$6.3 \times 10^{-06}$	$2.0 \times 10^{-03}$	$2.3 \times 10^{-02}$	$1.1 \times 10^{-06}$	$7.4 \times 10^{-08}$
CIAInt	$1.1 \times 10^{-01}$	$6.5 \times 10^{-01}$	$2.4 \times 10^{-02}$	$6.8 \times 10^{-01}$	$1.2 \times 10^{-01}$	$4.4 \times 10^{-01}$	$2.1 \times 10^{-01}$	$3.3 \times 10^{-03}$	$9.8 \times 10^{-01}$	$3.9 \times 10^{-02}$
Sum_Dr2	$1.2 \times 10^{-01}$	$1.1 \times 10^{-05}$	$1.1 \times 10^{-08}$	$4.1 \times 10^{-02}$	$1.9 \times 10^{-04}$	$6.3 \times 10^{-07}$	$2.8 \times 10^{-03}$	$1.9 \times 10^{-01}$	$6.9 \times 10^{-07}$	$1.5 \times 10^{-08}$
EVI	$1.3 \times 10^{-01}$	$7.2 \times 10^{-05}$	$9.4 \times 10^{-03}$	$1.2 \times 10^{-01}$	$2.5 \times 10^{-03}$	$1.4 \times 10^{-02}$	$9.3 \times 10^{-03}$	$3.6 \times 10^{-02}$	$7.4 \times 10^{-06}$	$6.5 \times 10^{-03}$
SPVI	$1.5 \times 10^{-01}$	$1.7 \times 10^{-05}$	$1.6 \times 10^{-08}$	$2.6 \times 10^{-02}$	$4.2 \times 10^{-04}$	$2.6 \times 10^{-06}$	$3.8 \times 10^{-03}$	$1.6 \times 10^{-01}$	$5.0 \times 10^{-06}$	$1.6 \times 10^{-06}$
MPRI	$2.3 \times 10^{-01}$	$3.6 \times 10^{-01}$	$2.3 \times 10^{-03}$	$2.0 \times 10^{-01}$	$5.8 \times 10^{-01}$	$2.3 \times 10^{-02}$	$9.3 \times 10^{-01}$	$3.3 \times 10^{-04}$	$5.1 \times 10^{-01}$	$2.5 \times 10^{-02}$
Datt5	$2.4 \times 10^{-01}$	$3.1 \times 10^{-03}$	$1.8 \times 10^{-04}$	$7.0 \times 10^{-04}$	$1.1 \times 10^{-04}$	$1.3 \times 10^{-05}$	$2.6 \times 10^{-03}$	$7.8 \times 10^{-02}$	$3.0 \times 10^{-05}$	$4.2 \times 10^{-06}$
Datt3	$2.7 \times 10^{-01}$	$1.0 \times 10^{-05}$	$1.4 \times 10^{-03}$	$7.3 \times 10^{-05}$	$7.9 \times 10^{-06}$	$4.7 \times 10^{-03}$	$2.9 \times 10^{-04}$	$6.7 \times 10^{-06}$	$3.0 \times 10^{-01}$	$2.7 \times 10^{-02}$
CRI1	$2.8 \times 10^{-01}$	$3.4 \times 10^{-02}$	$4.9 \times 10^{-05}$	$8.4 \times 10^{-01}$	$7.8 \times 10^{-04}$	$6.3 \times 10^{-06}$	$1.9 \times 10^{-01}$	$8.4 \times 10^{-04}$	$4.8 \times 10^{-02}$	$6.4 \times 10^{-05}$
Sum_Dr1	$2.9 \times 10^{-01}$	$1.1 \times 10^{-05}$	$3.4 \times 10^{-08}$	$6.8 \times 10^{-02}$	$6.5 \times 10^{-05}$	$3.8 \times 10^{-07}$	$9.3 \times 10^{-03}$	$4.0 \times 10^{-01}$	$7.0 \times 10^{-07}$	$6.4 \times 10^{-09}$
DPI	$4.3 \times 10^{-01}$	$1.2 \times 10^{-05}$	$6.0 \times 10^{-03}$	$3.2 \times 10^{-04}$	$2.5 \times 10^{-05}$	$5.2 \times 10^{-03}$	$1.3 \times 10^{-04}$	$7.6 \times 10^{-04}$	$4.1 \times 10^{-01}$	$6.9 \times 10^{-03}$
GI	$4.5 \times 10^{-01}$	$3.4 \times 10^{-04}$	$2.1 \times 10^{-04}$	$5.4 \times 10^{-04}$	$5.8 \times 10^{-05}$	$8.4 \times 10^{-05}$	$1.6 \times 10^{-03}$	$1.1 \times 10^{-01}$	$6.8 \times 10^{-07}$	$5.6 \times 10^{-07}$
TCARI2.OSAVI2	$4.7 \times 10^{-01}$	$2.7 \times 10^{-02}$	$6.4 \times 10^{-01}$	$3.4 \times 10^{-02}$	$6.2 \times 10^{-03}$	$1.8 \times 10^{-01}$	$1.4 \times 10^{-01}$	$2.1 \times 10^{-02}$	$2.6 \times 10^{-04}$	$6.8 \times 10^{-03}$
MTVI	$5.3 \times 10^{-01}$	$4.0 \times 10^{-05}$	$1.4 \times 10^{-07}$	$8.1 \times 10^{-03}$	$1.4 \times 10^{-04}$	$7.0 \times 10^{-07}$	$3.2 \times 10^{-03}$	$1.9 \times 10^{-01}$	$1.1 \times 10^{-06}$	$9.7 \times 10^{-08}$
Boochs	$6.1 \times 10^{-01}$	$1.3 \times 10^{-05}$	$1.4 \times 10^{-07}$	$6.0 \times 10^{-05}$	$6.8 \times 10^{-06}$	$8.1 \times 10^{-08}$	$2.1 \times 10^{-04}$	$7.8 \times 10^{-01}$	$2.1 \times 10^{-08}$	$2.2 \times 10^{-10}$
PSND	$6.7 \times 10^{-01}$	$2.5 \times 10^{-03}$	$1.1 \times 10^{-07}$	$7.8 \times 10^{-01}$	$4.5 \times 10^{-03}$	$1.2 \times 10^{-07}$	$9.2 \times 10^{-01}$	$7.3 \times 10^{-06}$	$1.4 \times 10^{-02}$	$1.0 \times 10^{-06}$
PRI	$6.9 \times 10^{-01}$	$3.0 \times 10^{-05}$	$7.8 \times 10^{-06}$	$7.2 \times 10^{-05}$	$9.4 \times 10^{-05}$	$9.9 \times 10^{-06}$	$1.3 \times 10^{-04}$	$6.3 \times 10^{-02}$	$1.0 \times 10^{-06}$	$7.5 \times 10^{-08}$
TVI	$6.9 \times 10^{-01}$	$4.2 \times 10^{-05}$	$1.9 \times 10^{-07}$	$2.1 \times 10^{-03}$	$1.0 \times 10^{-04}$	$8.6 \times 10^{-07}$	$1.3 \times 10^{-03}$	$2.9 \times 10^{-01}$	$3.4 \times 10^{-07}$	$3.4 \times 10^{-08}$
CRI2	$7.1 \times 10^{-01}$	$4.7 \times 10^{-01}$	$7.1 \times 10^{-04}$	$2.2 \times 10^{-01}$	$7.7 \times 10^{-01}$	$1.2 \times 10^{-03}$	$3.5 \times 10^{-01}$	$3.2 \times 10^{-04}$	$3.9 \times 10^{-01}$	$2.6 \times 10^{-02}$
DWSI4	$7.4 \times 10^{-01}$	$7.5 \times 10^{-05}$	$5.5 \times 10^{-05}$	$1.2 \times 10^{-03}$	$3.8 \times 10^{-05}$	$3.6 \times 10^{-05}$	$2.0 \times 10^{-03}$	$1.4 \times 10^{-01}$	$9.3 \times 10^{-07}$	$2.9 \times 10^{-07}$
Gitelson2	$7.5 \times 10^{-01}$	$3.0 \times 10^{-09}$	$2.4 \times 10^{-07}$	$7.3 \times 10^{-02}$	$1.9 \times 10^{-05}$	$7.6 \times 10^{-06}$	$1.5 \times 10^{-01}$	$3.9 \times 10^{-01}$	$1.7 \times 10^{-10}$	$4.3 \times 10^{-08}$
PRI_norm	$7.5 \times 10^{-01}$	$3.3 \times 10^{-04}$	$4.7 \times 10^{-05}$	$9.4 \times 10^{-04}$	$3.9 \times 10^{-04}$	$6.8 \times 10^{-05}$	$1.2 \times 10^{-03}$	$9.5 \times 10^{-02}$	$1.2 \times 10^{-04}$	$7.3 \times 10^{-05}$
NDVI3	$1.0 \times 10^{+00}$	$3.2 \times 10^{-05}$	$6.9 \times 10^{-06}$	$2.9 \times 10^{-03}$	$3.2 \times 10^{-05}$	$7.0 \times 10^{-06}$	$2.9 \times 10^{-03}$	$1.8 \times 10^{-01}$	$6.9 \times 10^{-06}$	$1.3 \times 10^{-06}$

Notes: Red color indicates the values for which  $p > 0.05$