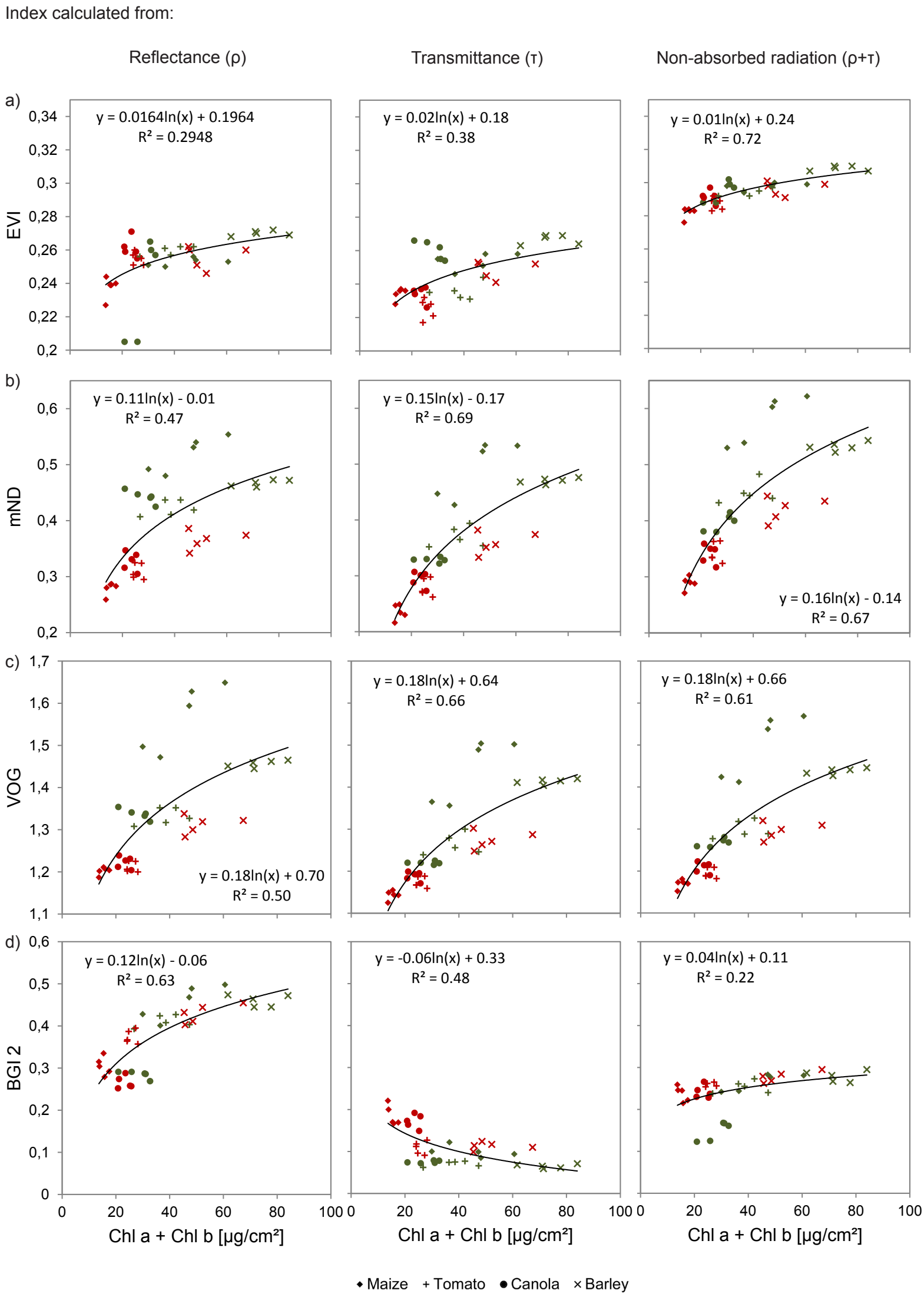
Index calculated from:
Reflectance (ρ)
Transmittance (τ)
Non-absorbed radiation (ρ+τ)
a)
EVI
y = 0.0164ln(x) + 0.1964
R² = 0.2948
y = 0.02ln(x) + 0.18
R² = 0.38
y = 0.01ln(x) + 0.24
R² = 0.72
b)
mND
y = 0.11ln(x) - 0.01
R² = 0.47
y = 0.15ln(x) - 0.17
R² = 0.69
y = 0.16ln(x) - 0.14
R² = 0.67
c)
VOG
y = 0.18ln(x) + 0.70
R² = 0.50
y = 0.18ln(x) + 0.64
R² = 0.66
y = 0.18ln(x) + 0.66
R² = 0.61
d)
BGI 2
y = 0.12ln(x) - 0.06
R² = 0.63
y = -0.06ln(x) + 0.33
R² = 0.48
y = 0.04ln(x) + 0.11
R² = 0.22
Chl a + Chl b [µg/cm²]
Maize
Tomato
Canola
Barley