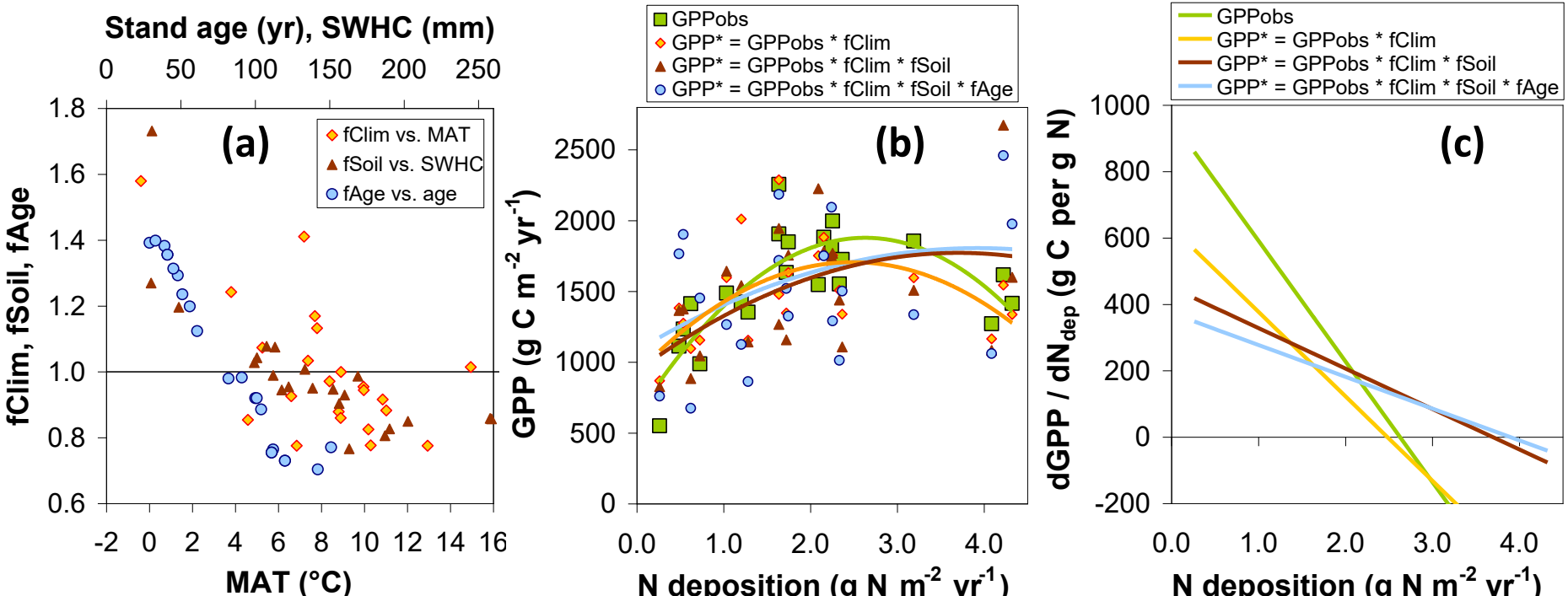
Stand age (yr), SWHC (mm)
0 50 100 150 200 250
(a)
fClim vs. MAT
fSoil vs. SWHC
fAge vs. age
fClim, fSoil, fAge
1.8 1.6 1.4 1.2 1.0 0.8 0.6
-2 0 2 4 6 8 10 12 14 16
MAT (°C)
GPPobs
GPP* = GPPobs * fClim
GPP* = GPPobs * fClim * fSoil
GPP* = GPPobs * fClim * fSoil * fAge
(b)
GPP (g C m-2 yr-1)
2500 2000 1500 1000 500 0
0.0 1.0 2.0 3.0 4.0
N deposition (g N m-2 yr-1)
GPPobs
GPP* = GPPobs * fClim
GPP* = GPPobs * fClim * fSoil
GPP* = GPPobs * fClim * fSoil * fAge
(c)
dGPP / dNdep (g C per g N)
1000 800 600 400 200 0 -200
0.0 1.0 2.0 3.0 4.0
N deposition (g N m-2 yr-1)