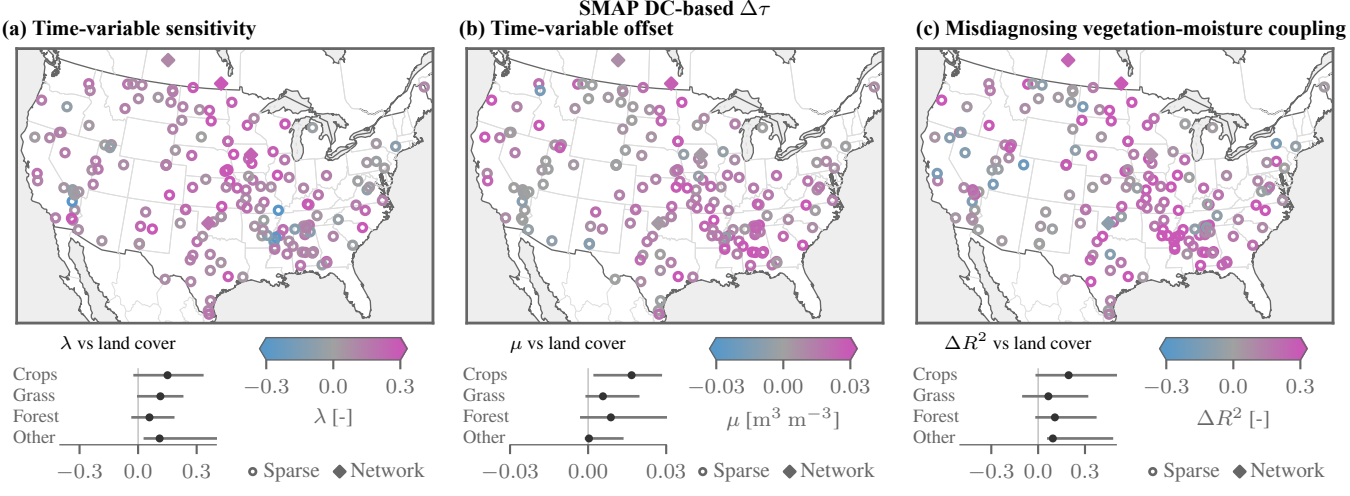
SMAP DC-based $\Delta\tau$
(a) Time-variable sensitivity
(b) Time-variable offset
(c) Misdiagnosing vegetation-moisture coupling
λ vs land cover
Crops
Grass
Forest
Other
−0.3 0.0 0.3
−0.3 0.0 0.3
λ [-]
Sparse
Network
μ vs land cover
Crops
Grass
Forest
Other
−0.03 0.00 0.03
−0.03 0.00 0.03
μ [m^3 m^{-3}]
Sparse
Network
ΔR^2 vs land cover
Crops
Grass
Forest
Other
−0.3 0.0 0.3
−0.3 0.0 0.3
ΔR^2 [-]
Sparse
Network