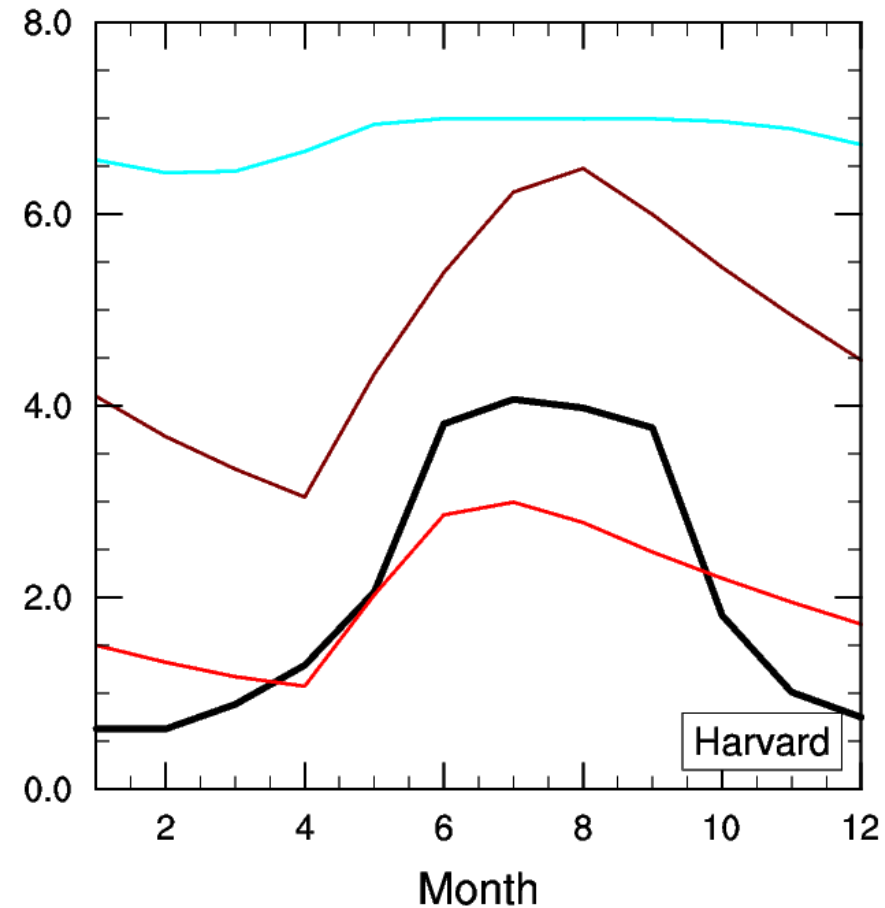
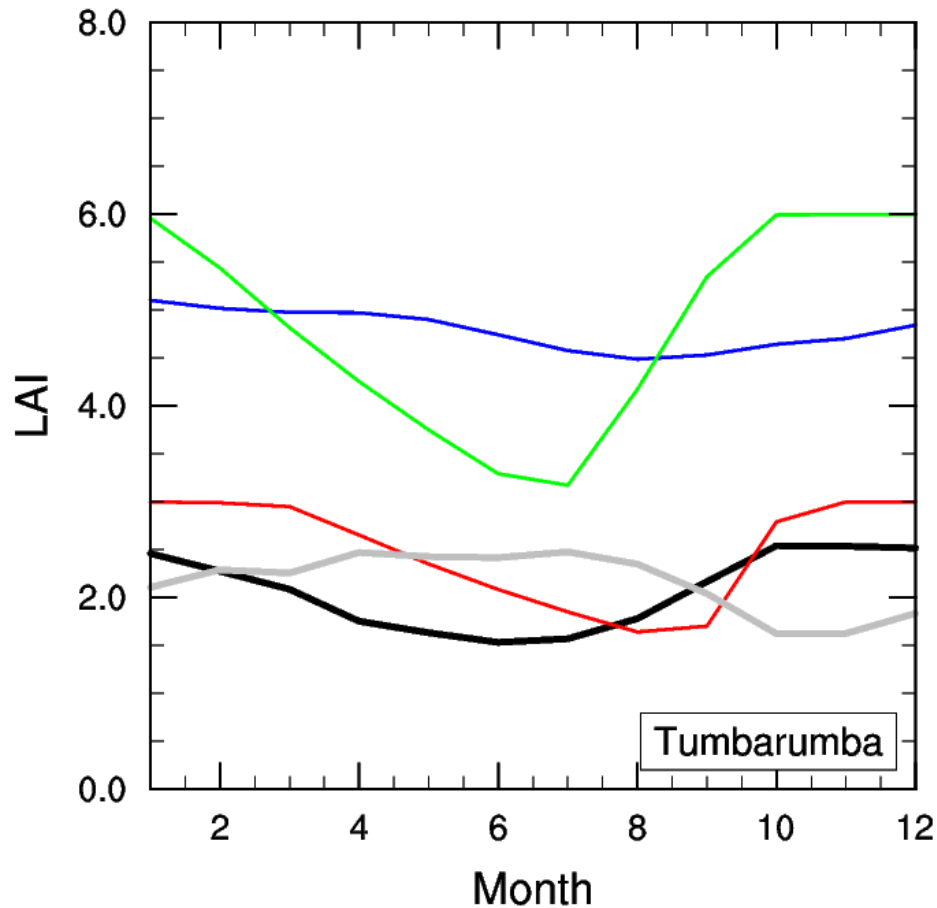


Prognostic LAI time series (using old SLA values as calculated in the code)



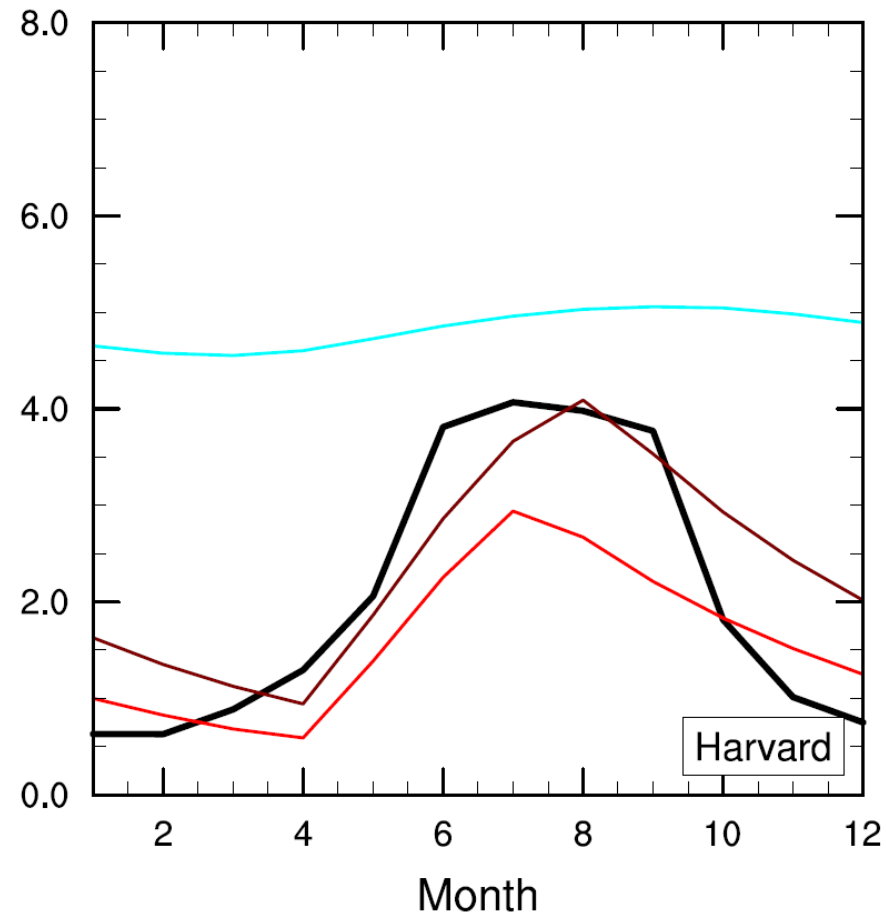
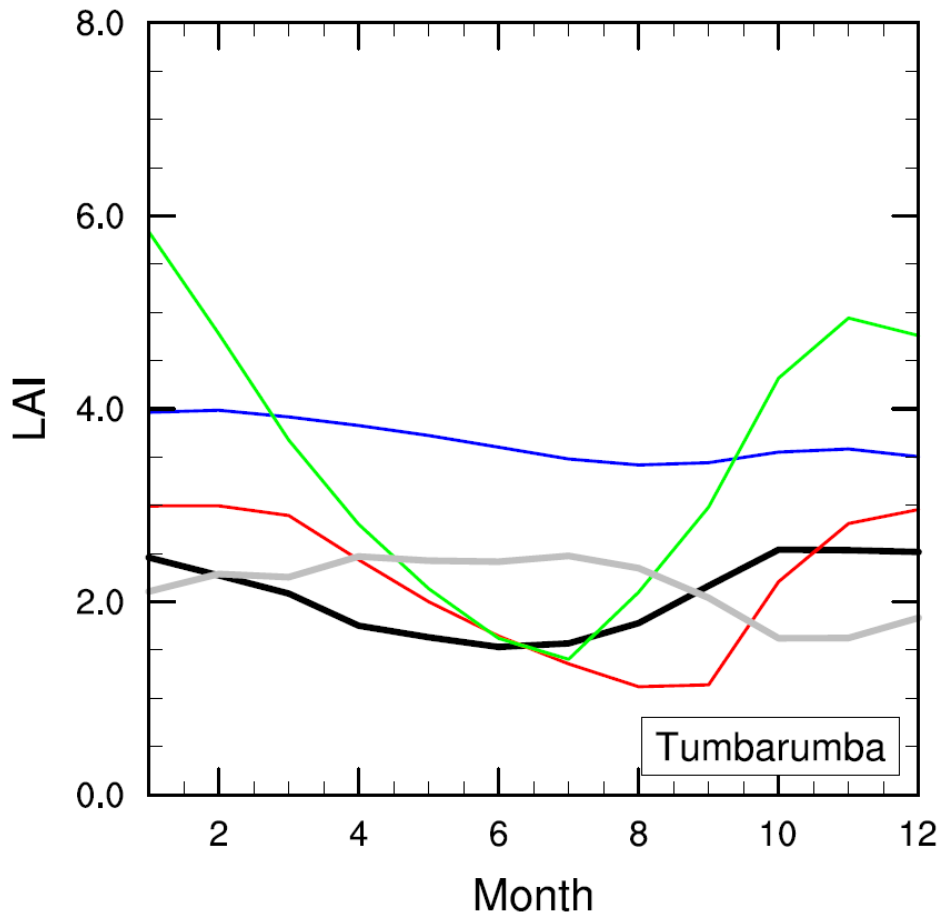
black – prescribed LAI
gray – observations

green – C3 crop
blue – evergreen broad leaf

brown - deciduous broad leaf
cyan - evergreen needle leaf

red – C3 grass

Prognostic LAI time series (using new SLA values from PFT lookup file)



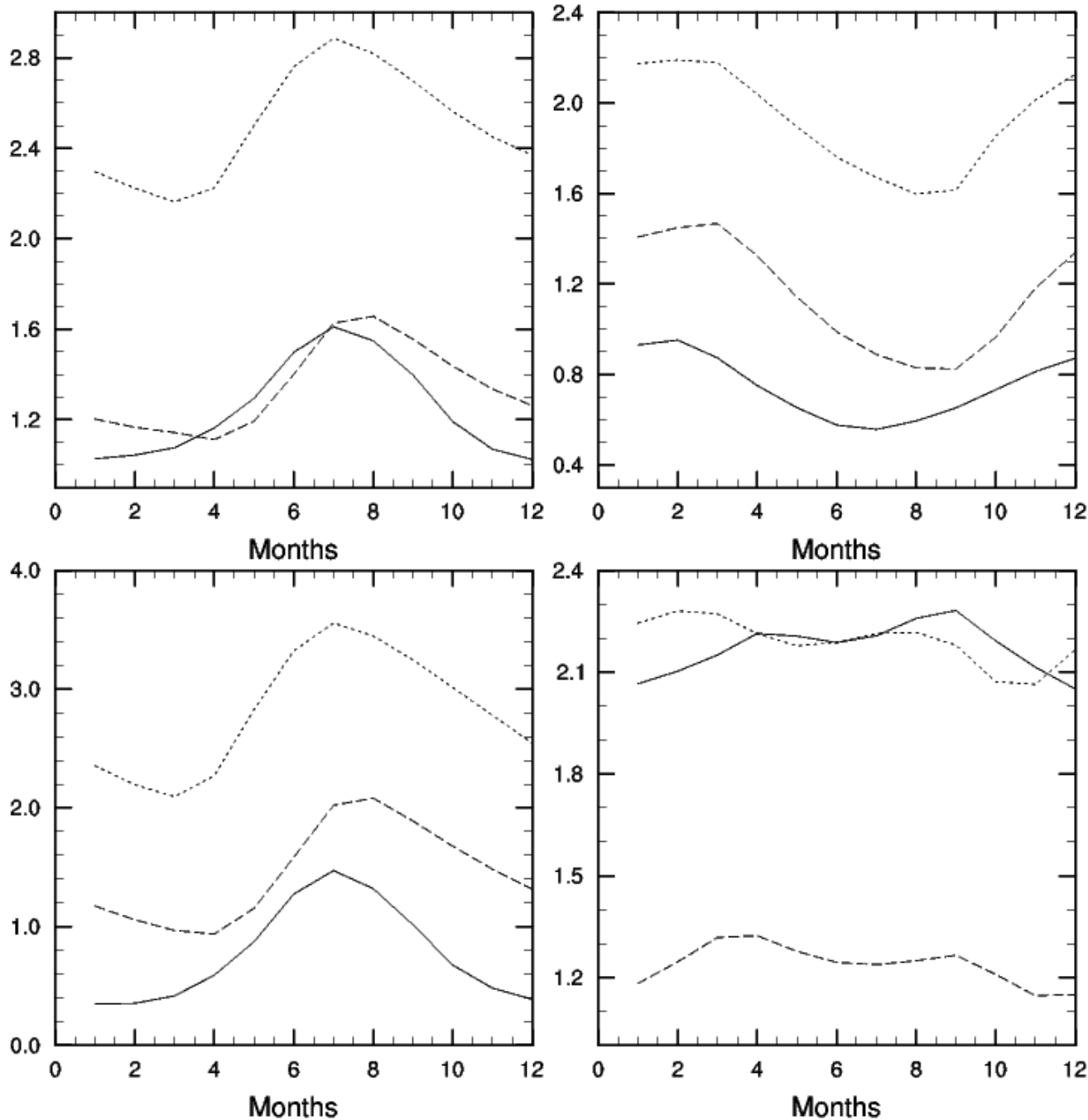
black – prescribed LAI
gray – observations

green – C3 crop
blue – evergreen broad leaf

brown - deciduous broad leaf
cyan - evergreen needle leaf

red – C3 grass

LAI mean



Mean LAI over 10 years,

Top left: global

Top right: SH (20S-90S)

Bottom left: NH (20N-90N)

Bottom right TR (20S-20N)

Average over vegetated areas only (i.e. LAI > 0)

Solid line: prescribed LAI

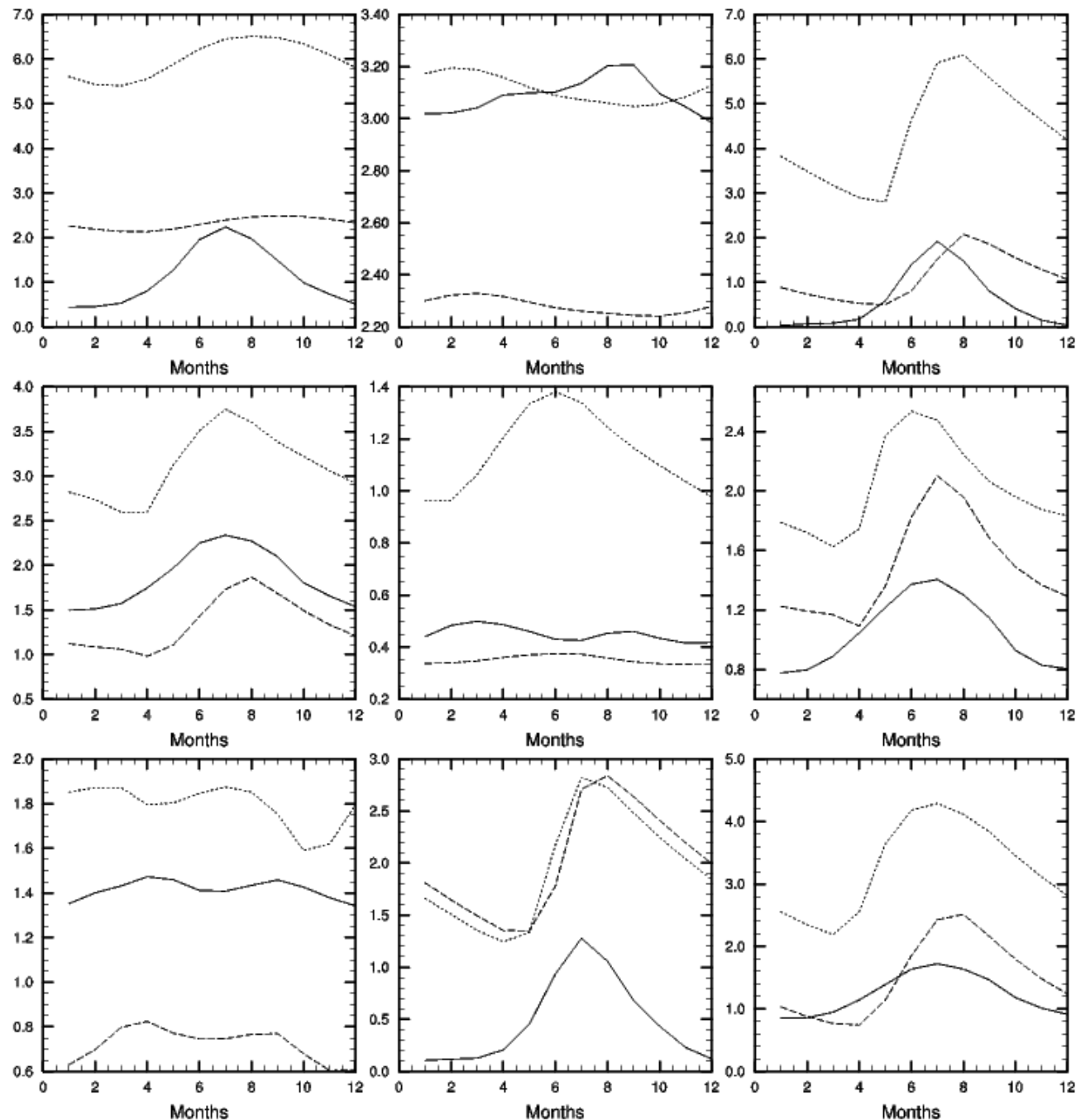
Dashed line: prognostic LAI

(new SLA) 1987-1997

Dotted line: prognostic LAI

(old SLA) 1987-1997

LAI mean per PFT



Mean LAI over 10 years,

Top left to bottom right:

- 1 Evergreen needle leaf
- 2 Evergreen broad leaf
- 3 Deciduous needle leaf
- 4 Deciduous broad leaf
- 5 Shrub
- 6 C3 grass
- 7 C4 grass
- 8 Tundra
- 9 C3 crops

LAI not weighted

Solid line: prescribed LAI
Dashed line: prognostic LAI (new SLA) 1987-1997
Dotted line: prognostic LAI (old SLA) 1987-1997