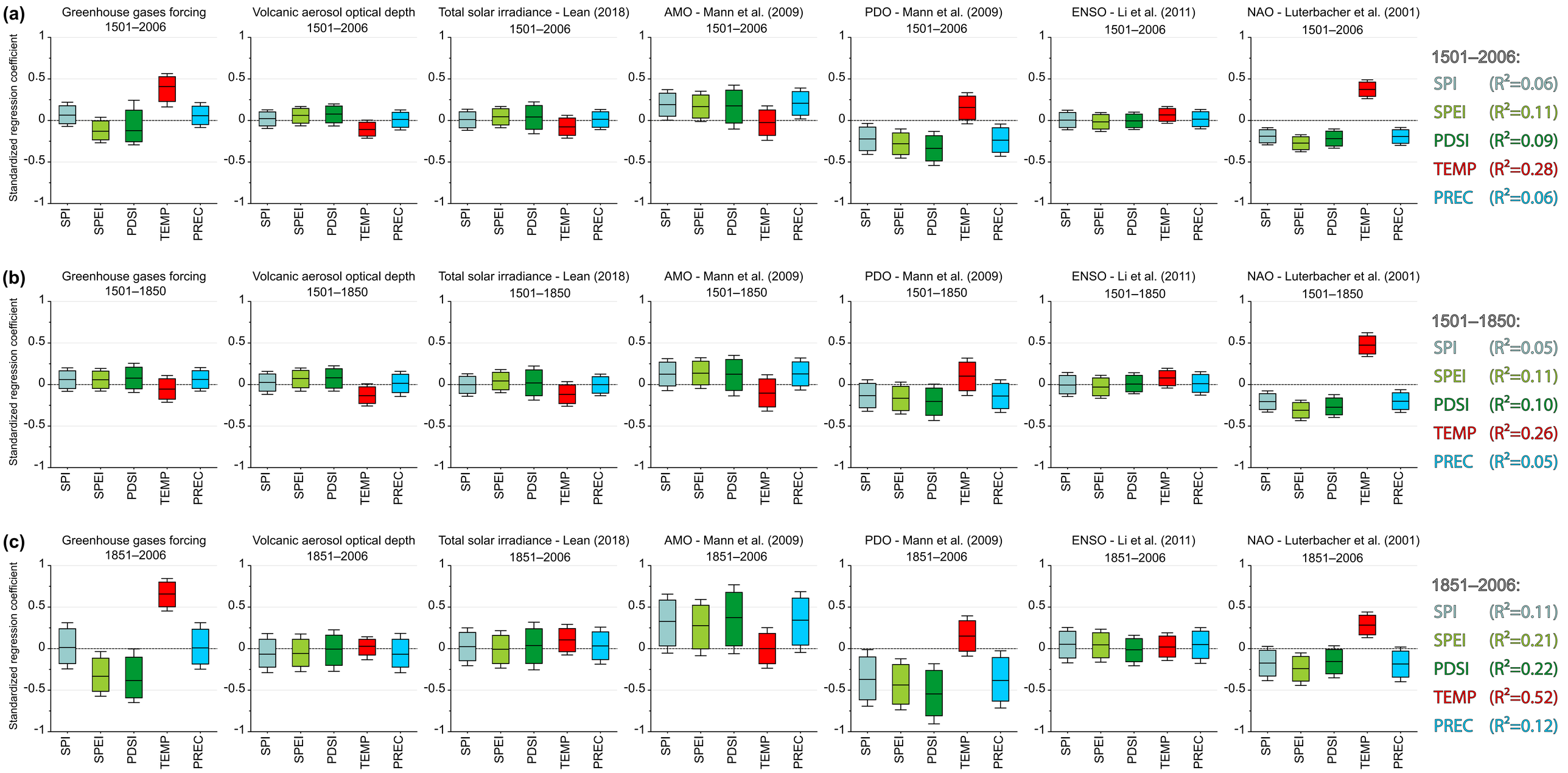
(a)
Greenhouse gases forcing 1501–2006
Volcanic aerosol optical depth 1501–2006
Total solar irradiance - Lean (2018) 1501–2006
AMO - Mann et al. (2009) 1501–2006
PDO - Mann et al. (2009) 1501–2006
ENSO - Li et al. (2011) 1501–2006
NAO - Luterbacher et al. (2001) 1501–2006
Standardized regression coefficient
SPI SPEI PDSI TEMP PREC
1501–2006:
SPI (R²=0.06)
SPEI (R²=0.11)
PDSI (R²=0.09)
TEMP (R²=0.28)
PREC (R²=0.06)
(b)
Greenhouse gases forcing 1501–1850
Volcanic aerosol optical depth 1501–1850
Total solar irradiance - Lean (2018) 1501–1850
AMO - Mann et al. (2009) 1501–1850
PDO - Mann et al. (2009) 1501–1850
ENSO - Li et al. (2011) 1501–1850
NAO - Luterbacher et al. (2001) 1501–1850
1501–1850:
SPI (R²=0.05)
SPEI (R²=0.11)
PDSI (R²=0.10)
TEMP (R²=0.26)
PREC (R²=0.05)
(c)
Greenhouse gases forcing 1851–2006
Volcanic aerosol optical depth 1851–2006
Total solar irradiance - Lean (2018) 1851–2006
AMO - Mann et al. (2009) 1851–2006
PDO - Mann et al. (2009) 1851–2006
ENSO - Li et al. (2011) 1851–2006
NAO - Luterbacher et al. (2001) 1851–2006
1851–2006:
SPI (R²=0.11)
SPEI (R²=0.21)
PDSI (R²=0.22)
TEMP (R²=0.52)
PREC (R²=0.12)