Soybeans (Yield) RCP4.5 Background warming ARID(1.0%) EQUA(14.0%) OTHR(35.7%) TEMP(49.3%) Land use change (pp of whole cell) MR DD MR DD L.0.5 NL.0 MR DD MR DD

-90

-60

-30

0

30-90

-60

-30

0

30-90

-60

-30

0

3090

-60

-30

Yield change (%)

30

RCP4.5 Background warming OTHR(35.7%) ARID(1.0%) EQUA(14.0%) TEMP(49.3%) Land use change (pp of whole cell) NL.0 2 2 2 0 6 0 6 0 2 Total temperature change (degC)

Soybeans (DeltaT)

Maize (Yield) RCP4.5 Background warming ARID(8.4%) EQUA(20.0%) OTHR(33.1%) TEMP(38.5%) Land use change (pp of whole cell) MR DD MR DD MR DD MR DD

-75 -50 -25

0

25

-75 -50 -25

0

25

-75 -50 -25

0

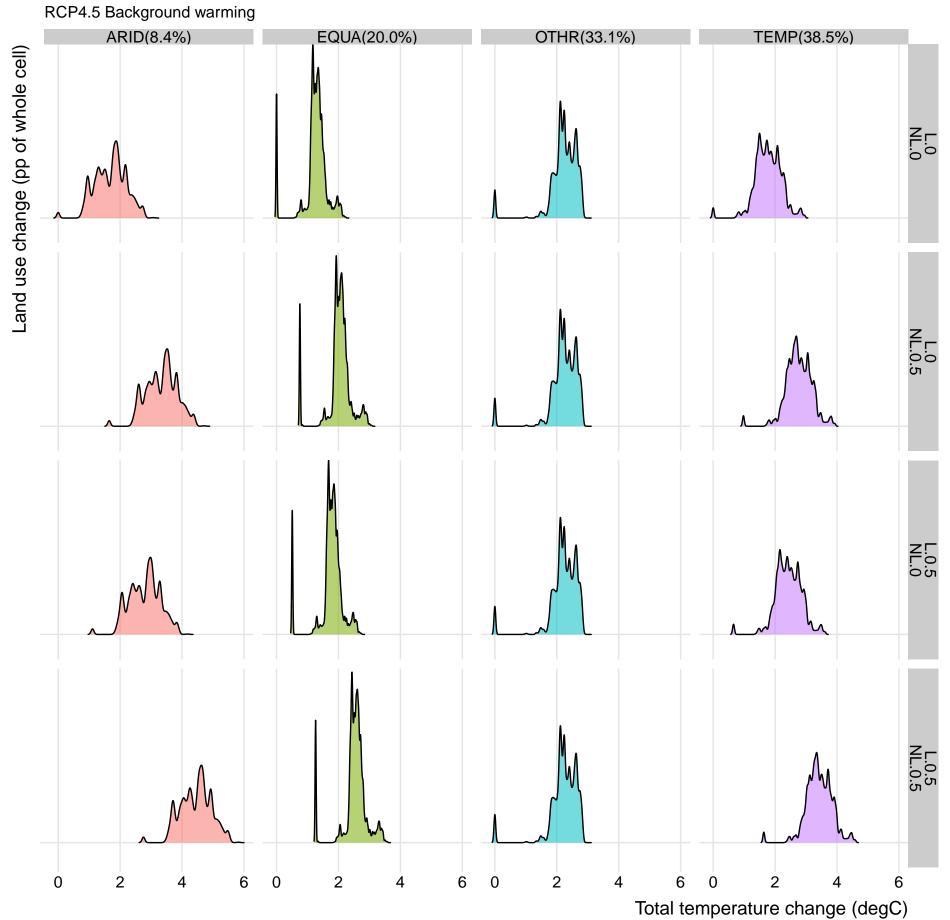
25

-75 -50 -25

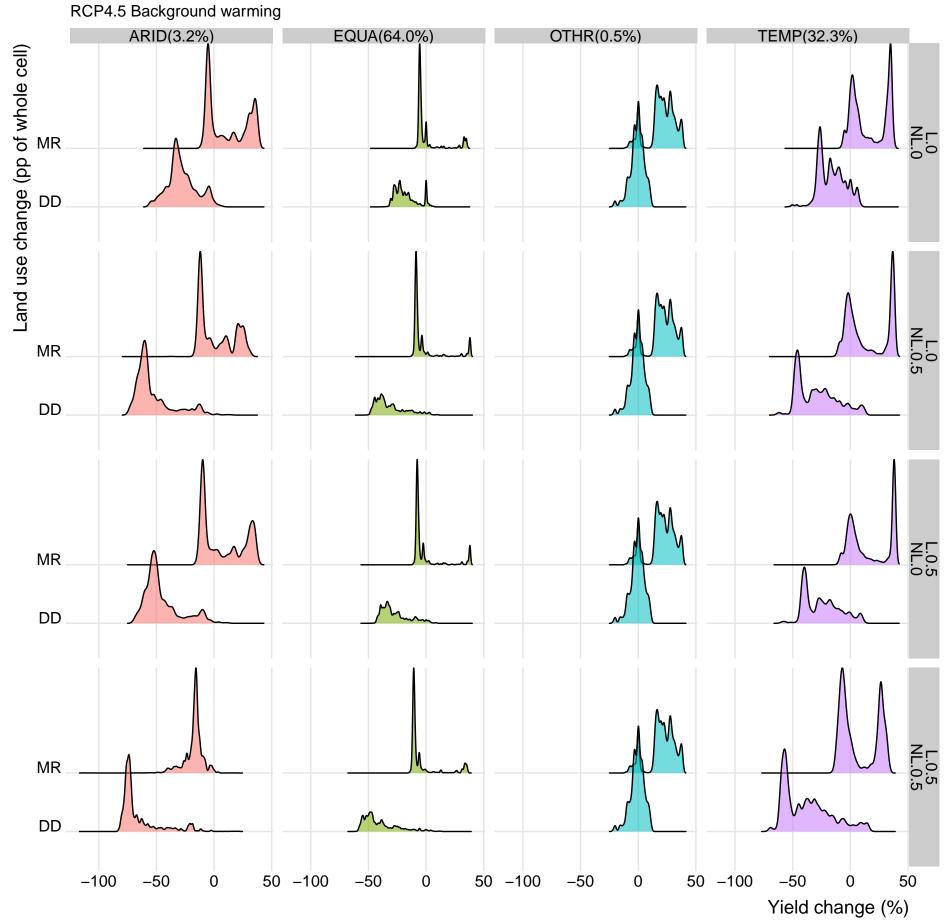
Yield change (%)

25

Maize (DeltaT)

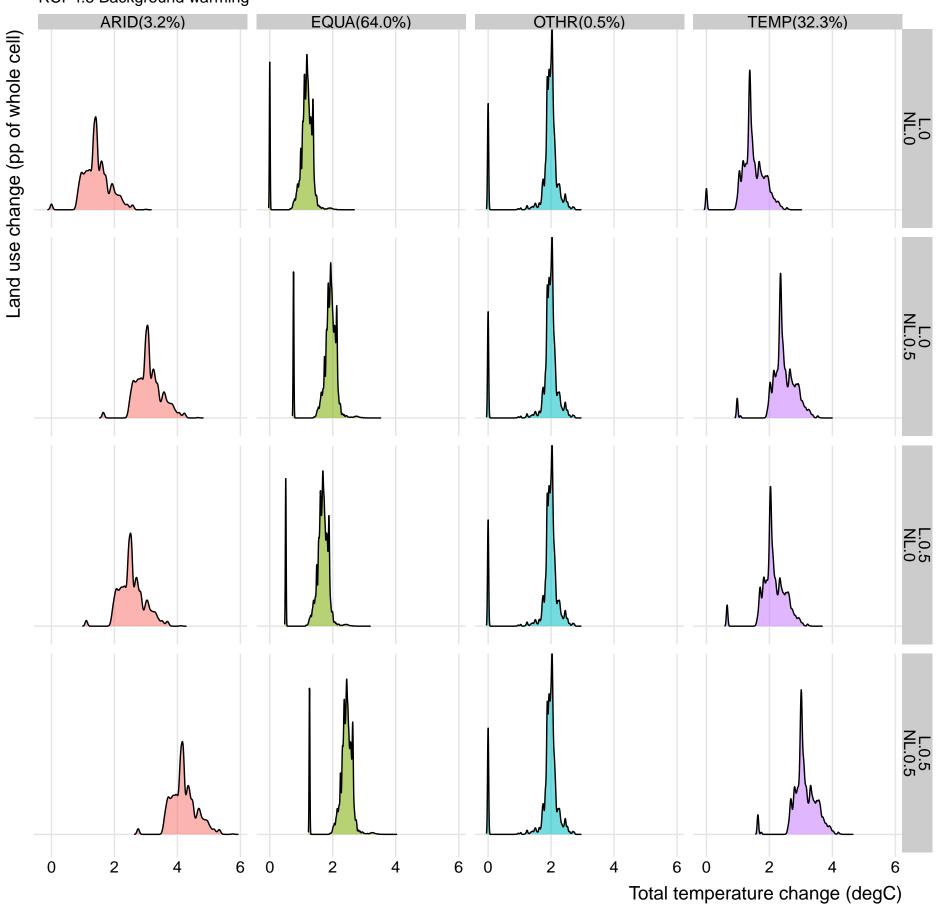


Rice (Yield)



Rice (DeltaT)

RCP4.5 Background warming



Wheat (Yield) RCP4.5 Background warming ARID(26.8%) EQUA(0.9%) OTHR(24.4%) TEMP(48.0%) Land use change (pp of whole cell) MR DD MR DD MR DD MR DD

-100

-50

0

-100

-50

0

-100

-50

-100

-50

Yield change (%)

0

Wheat (DeltaT) RCP4.5 Background warming ARID(26.8%) EQUA(0.9%) OTHR(24.4%) TEMP(48.0%)

