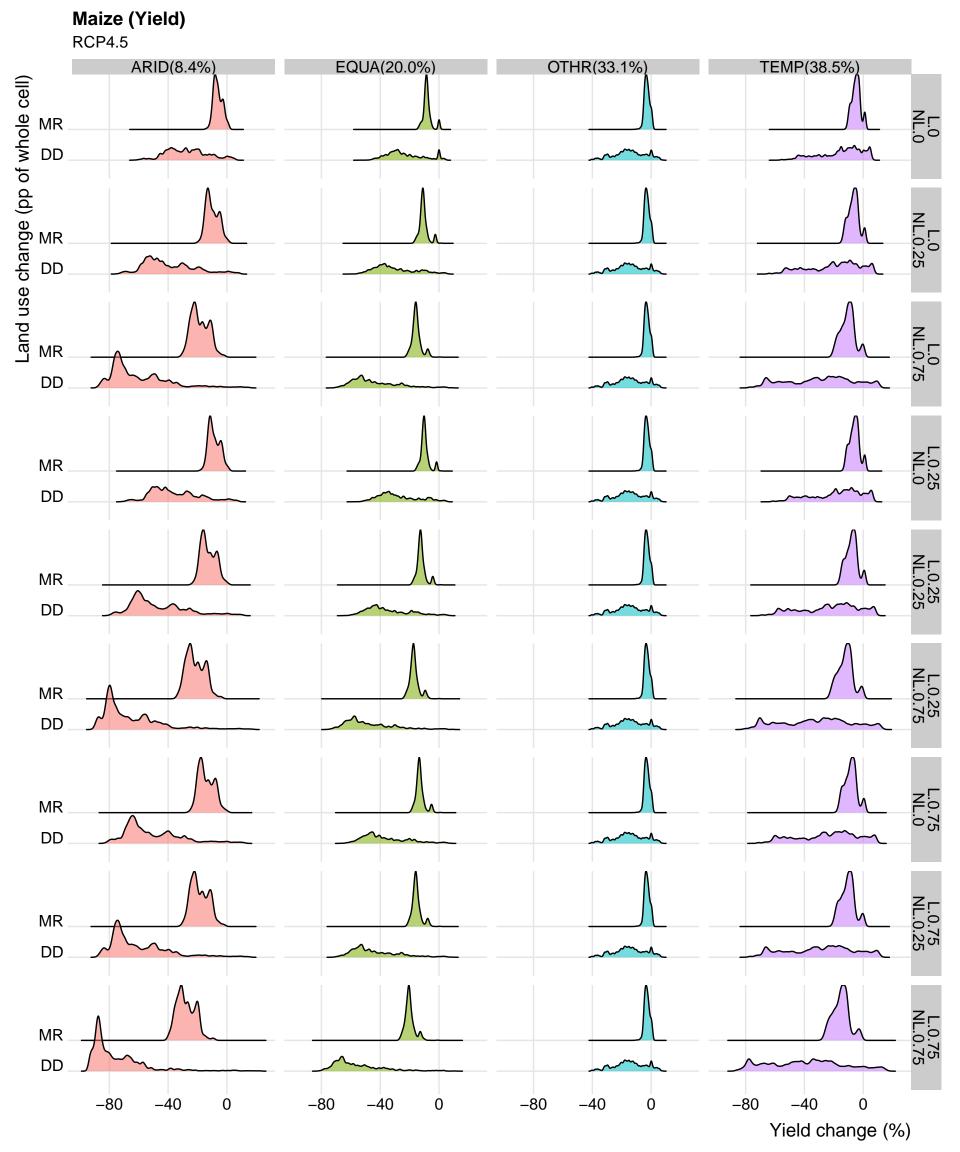
Soybeans (Yield) RCP4.5 ARID(1.0%) EQUA(14.0%) OTHR(35.7%) TEMP(49.3%) Land use change (pp of whole cell) MR DD MR DD MR DD -100 -150 -150 0 -50 -150-100 -50 0 -100 -50 0 -100 -50 -150 0 Yield change (%)

Soybeans (DeltaTmean) RCP4.5 ARID(1.0%) EQUA(14.0%) OTHR(35.7%) TEMP(49.3%) Land use change (pp of whole cell) DD MR DD 0 0 2 0 2 2 6 2 4 6 4 6 6 0 Tmean change (degC)



Maize (DeltaTmean) RCP4.5 ARID(8.4%) OTHR(33.1%) EQUA(20.0%) TEMP(38.5%) Land use change (pp of whole cell) DD MR DD 0 6 0 2 0 2 2 4 4 6 4 6 0 2 6 Tmean change (degC)

Rice (Yield) RCP4.5 ARID(3.2%) EQUA(64.0%) OTHR(0.5%) TEMP(32.3%) Land use change (pp of whole cell) MR DD MR DD MR DD MR DD MR DD MR DD MR DD MR DD MR DD 0 -200 -100 -200 -100 0 -100 -200 -1000 -200 0 Yield change (%)

Rice (DeltaTmean) RCP4.5 ARID(3.2%) OTHR(0.5%) EQUA(64.0%) TEMP(32.3%) Land use change (pp of whole cell) DD MR DD MR DD MR DD MR DD MR DD MR DD MR DD MR DD 0 6 0 2 0 2 2 4 4 6 4 6 0 2 6 Tmean change (degC)

Wheat (Yield) RCP4.5 ARID(26.8%) EQUA(0.9%) OTHR(24.4%) TEMP(48.0%) Land use change (pp of whole cell) MR DD -150 -100 -150 -100 -150 -100 -150 -100 -50 0 -50 0 -50 0 -50 Yield change (%)

Wheat (DeltaTmean) RCP4.5 ARID(26.8%) EQUA(0.9%) OTHR(24.4%) TEMP(48.0%) Land use change (pp of whole cell) DD MR DD MR DD MR DD MR DD MR DD MR DD MR DD MR DD 2 0 2 0 2 4 6 0 4 6 4 6 0 2 6 Tmean change (degC)