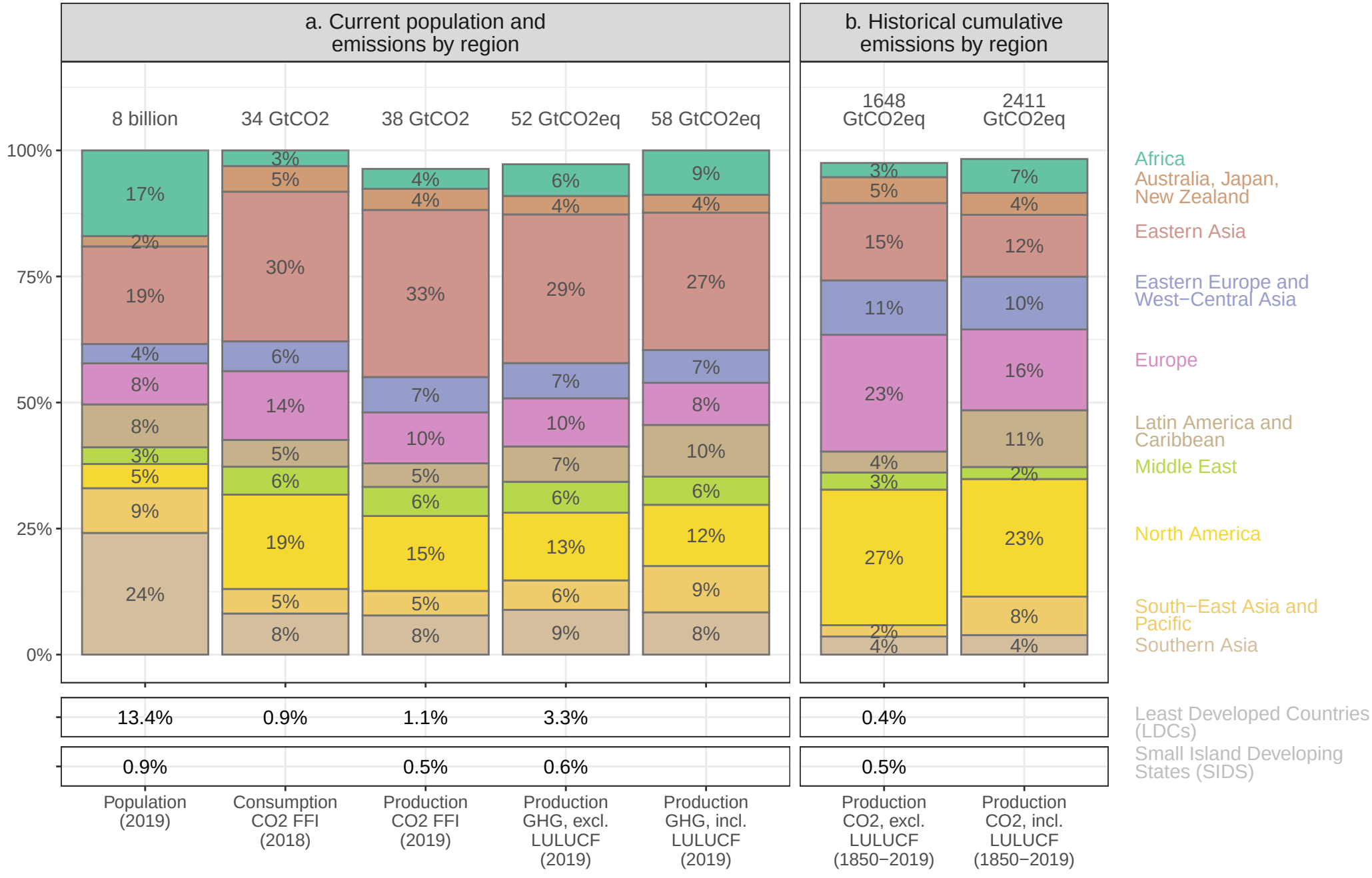
a. Current population and emissions by region
b. Historical cumulative emissions by region
8 billion
34 GtCO2
38 GtCO2
52 GtCO2eq
58 GtCO2eq
1648 GtCO2eq
2411 GtCO2eq
100%
75%
50%
25%
0%
17%
2%
19%
4%
8%
8%
3%
5%
9%
24%
3%
5%
30%
6%
14%
5%
6%
19%
5%
8%
4%
4%
33%
7%
10%
5%
6%
15%
5%
8%
6%
4%
29%
7%
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13%
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27%
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9%
8%
3%
5%
15%
11%
23%
4%
3%
27%
2%
4%
7%
4%
12%
10%
16%
11%
2%
23%
8%
4%
Africa
Australia, Japan, New Zealand
Eastern Asia
Eastern Europe and West−Central Asia
Europe
Latin America and Caribbean
Middle East
North America
South−East Asia and Pacific
Southern Asia
13.4%
0.9%
1.1%
3.3%
0.4%
Least Developed Countries (LDCs)
0.9%
0.5%
0.6%
0.5%
Small Island Developing States (SIDS)
Population (2019)
Consumption CO2 FFI (2018)
Production CO2 FFI (2019)
Production GHG, excl. LULUCF (2019)
Production GHG, incl. LULUCF (2019)
Production CO2, excl. LULUCF (1850−2019)
Production CO2, incl. LULUCF (1850−2019)