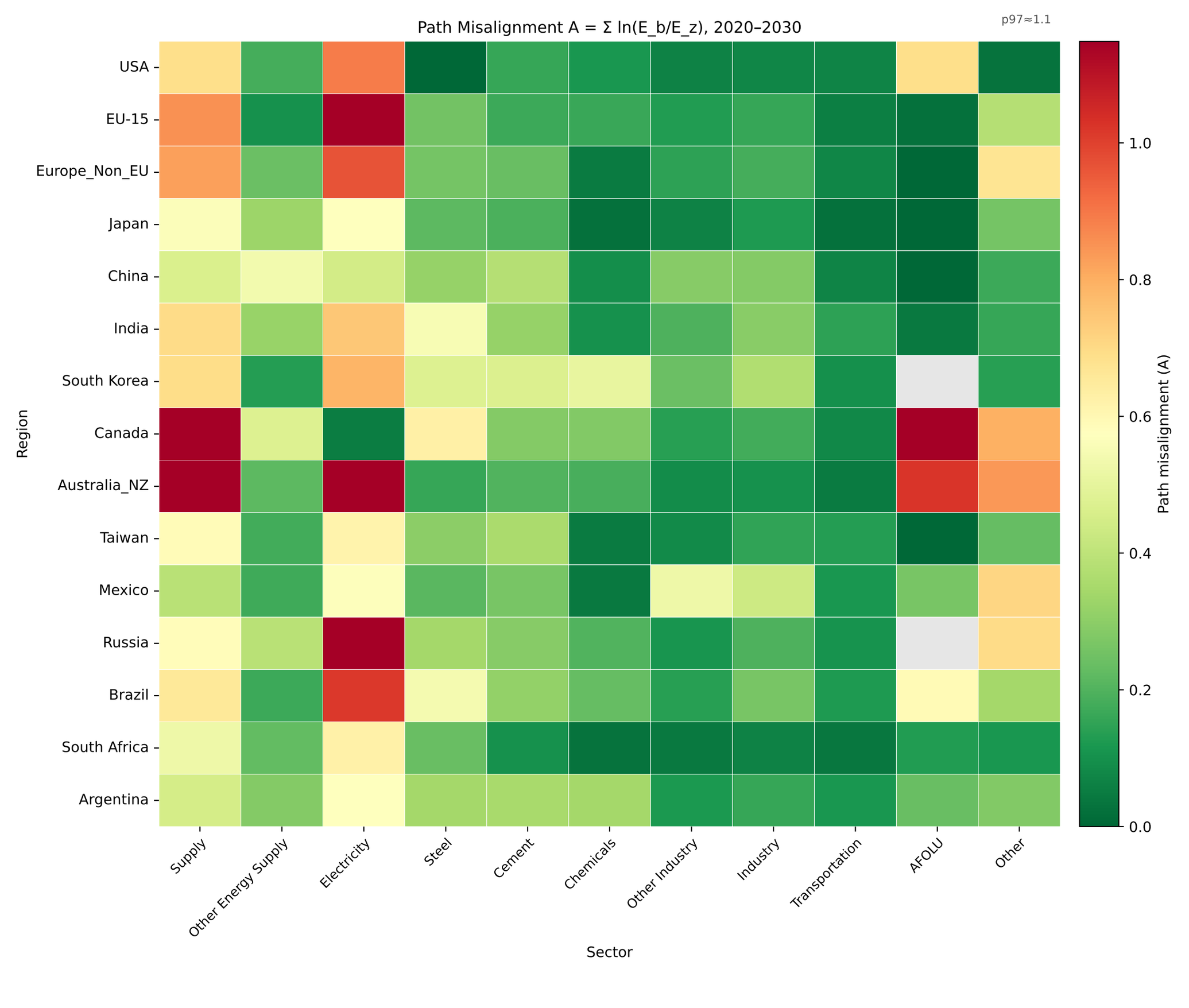
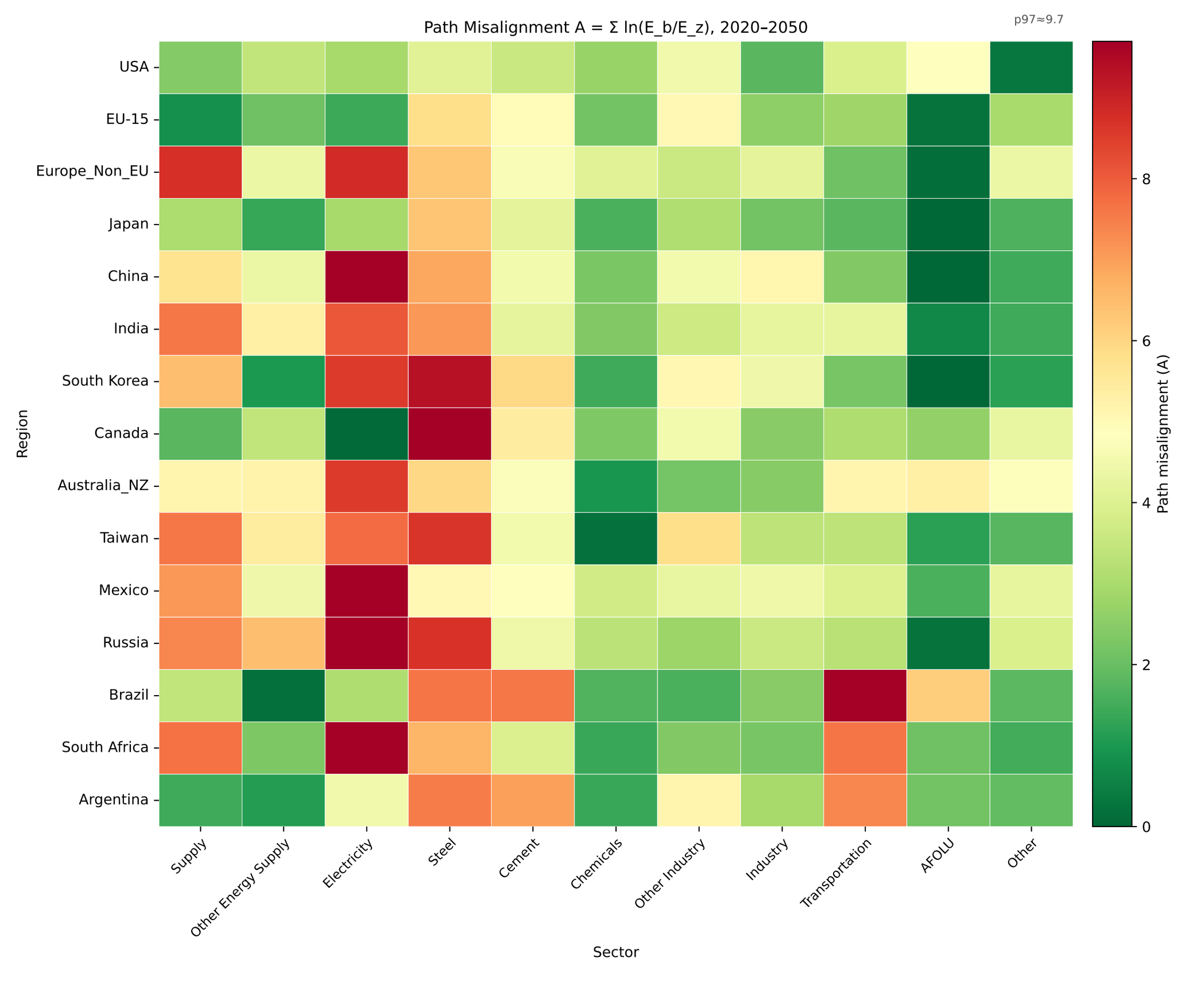
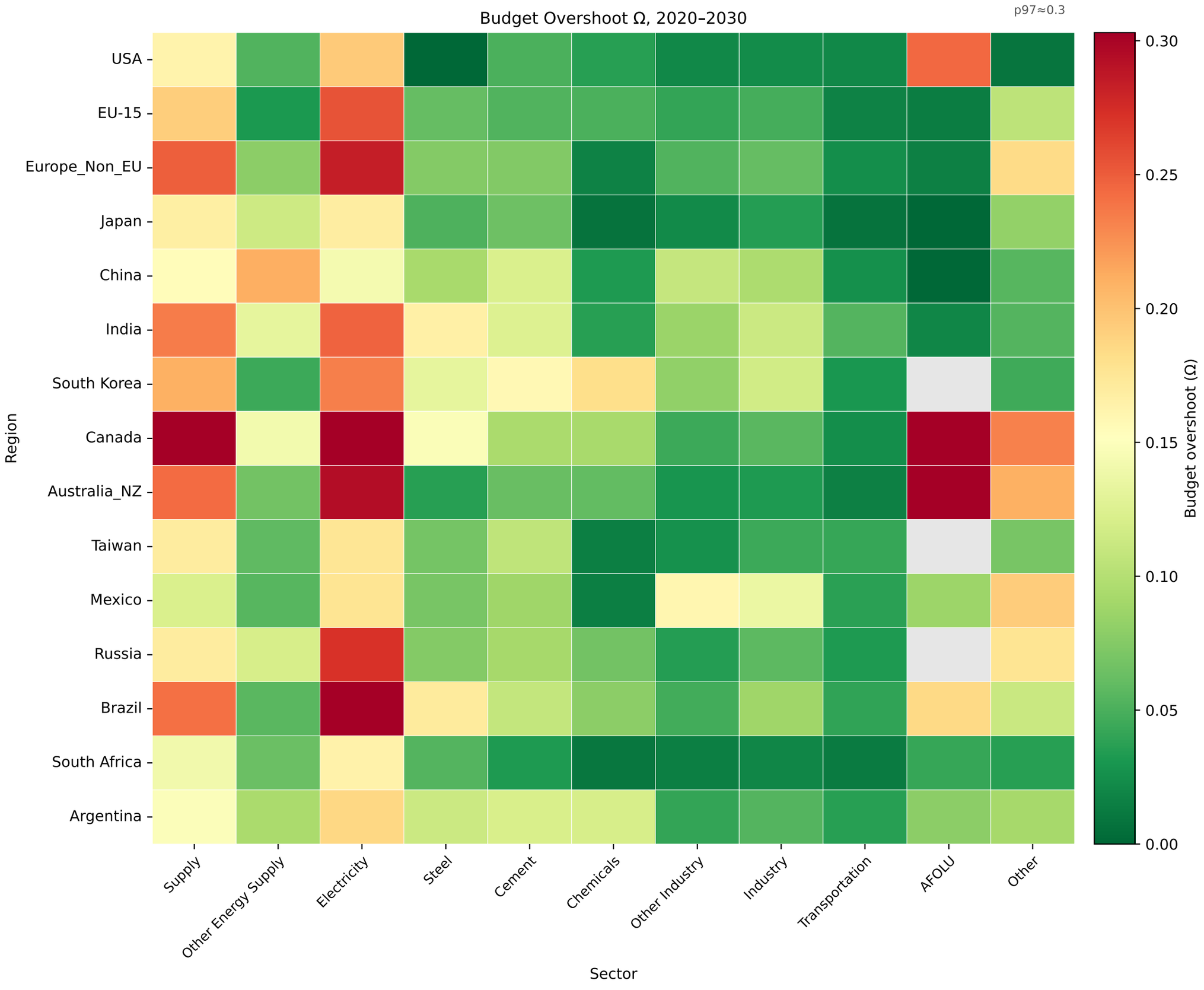
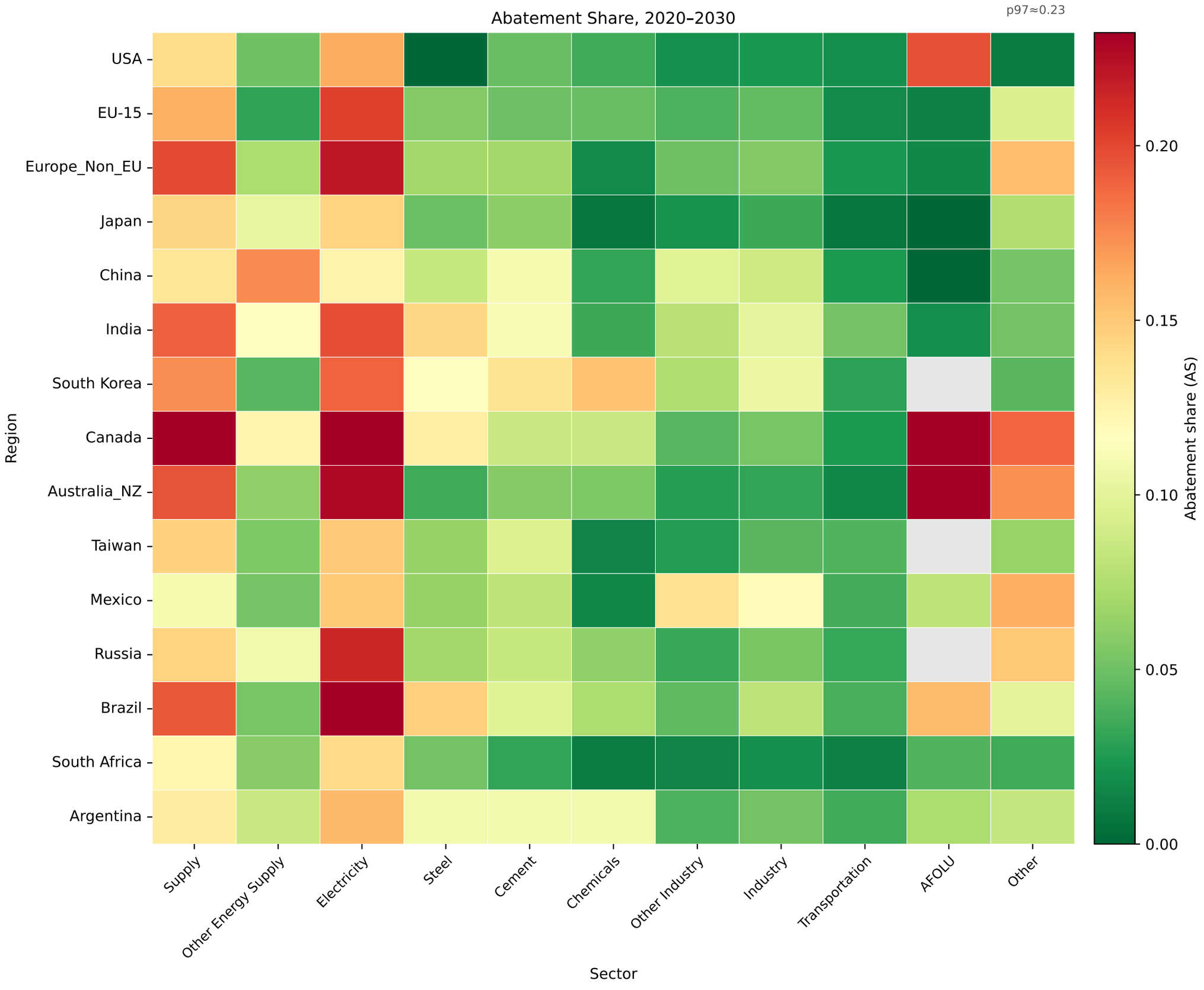
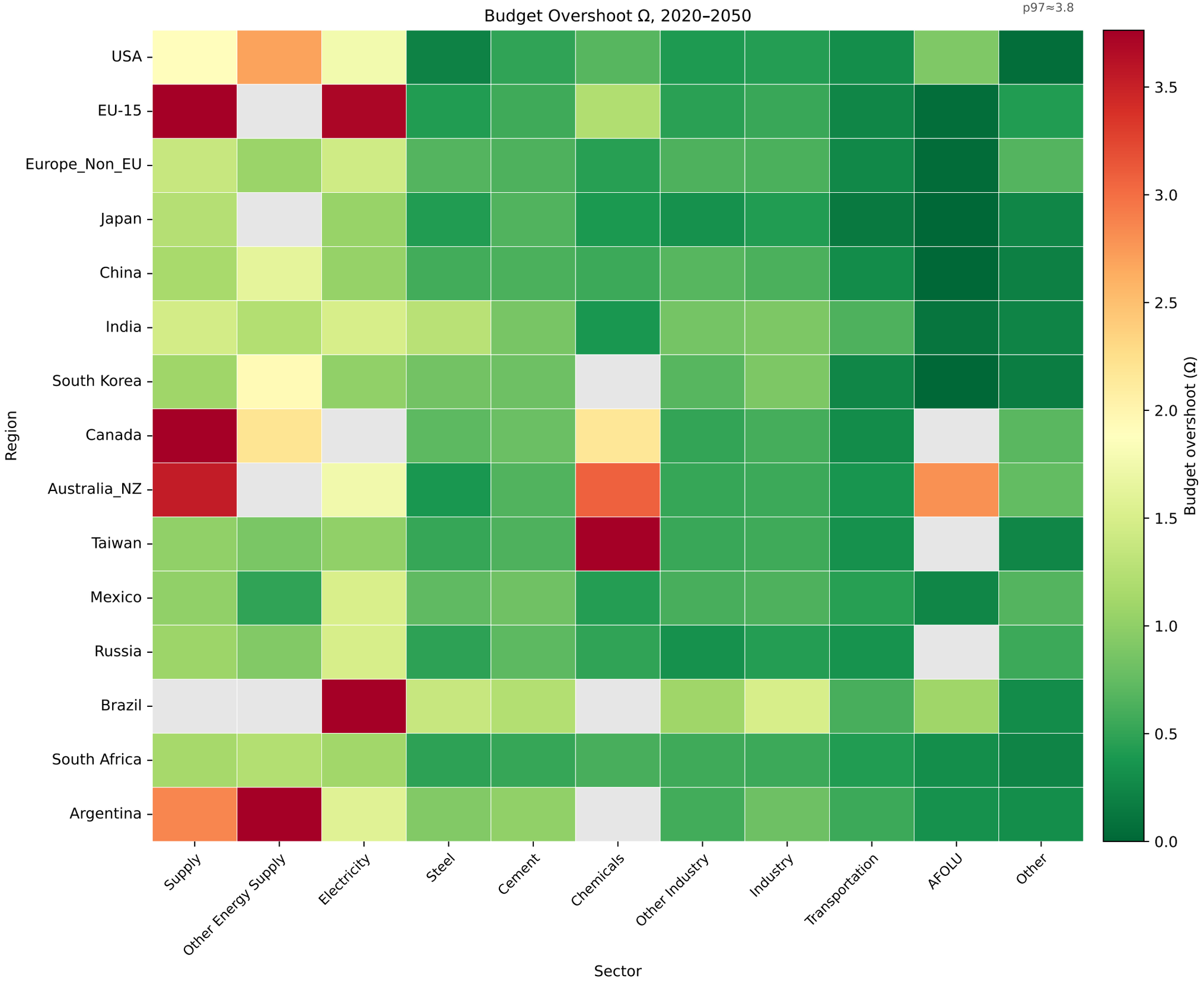

Path Misalignment A = Σ ln(E_b/E_z), 2020–2030
p97≈1.1
Region
USA
EU-15
Europe_Non_EU
Japan
China
India
South Korea
Canada
Australia_NZ
Taiwan
Mexico
Russia
Brazil
South Africa
Argentina
Sector
Supply
Other Energy Supply
Electricity
Steel
Cement
Chemicals
Other Industry
Industry
Transportation
AFOLU
Other
Path misalignment (A)
0.0
0.2
0.4
0.6
0.8
1.0


Path Misalignment A = Σ ln(E_b/E_z), 2020–2050
p97≈9.7
Region
USA
EU-15
Europe_Non_EU
Japan
China
India
South Korea
Canada
Australia_NZ
Taiwan
Mexico
Russia
Brazil
South Africa
Argentina
Supply
Other Energy Supply
Electricity
Steel
Cement
Chemicals
Other Industry
Industry
Transportation
AFOLU
Other
Sector
Path misalignment (A)
0
2
4
6
8


Budget Overshoot Ω, 2020–2030
p97≈0.3
Region
USA
EU-15
Europe_Non_EU
Japan
China
India
South Korea
Canada
Australia_NZ
Taiwan
Mexico
Russia
Brazil
South Africa
Argentina
Supply
Other Energy Supply
Electricity
Steel
Cement
Chemicals
Other Industry
Industry
Transportation
AFOLU
Other
Sector
Budget overshoot (Ω)
0.30
0.25
0.20
0.15
0.10
0.05
0.00


Abatement Share, 2020–2030
p97≈0.23
USA
EU-15
Europe_Non_EU
Japan
China
India
South Korea
Canada
Australia_NZ
Taiwan
Mexico
Russia
Brazil
South Africa
Argentina
Region
Supply
Other Energy Supply
Electricity
Steel
Cement
Chemicals
Other Industry
Industry
Transportation
AFOLU
Other
Sector
0.20
0.15
0.10
0.05
0.00
Abatement share (AS)


Budget Overshoot Ω, 2020–2050
p97≈3.8
Region
USA
EU-15
Europe_Non_EU
Japan
China
India
South Korea
Canada
Australia_NZ
Taiwan
Mexico
Russia
Brazil
South Africa
Argentina
Supply
Other Energy Supply
Electricity
Steel
Cement
Chemicals
Other Industry
Industry
Transportation
AFOLU
Other
Sector
Budget overshoot (Ω)
0.0
0.5
1.0
1.5
2.0
2.5
3.0
3.5

Abatement Share, 2020–2050
p97≈1
Region
USA
EU-15
Europe_Non_EU
Japan
China
India
South Korea
Canada
Australia_NZ
Taiwan
Mexico
Russia
Brazil
South Africa
Argentina
Supply
Other Energy Supply
Electricity
Steel
Cement
Chemicals
Other Industry
Industry
Transportation
AFOLU
Other
Sector
Abatement share (AS)
1.0
0.8
0.6
0.4
0.2
0.0