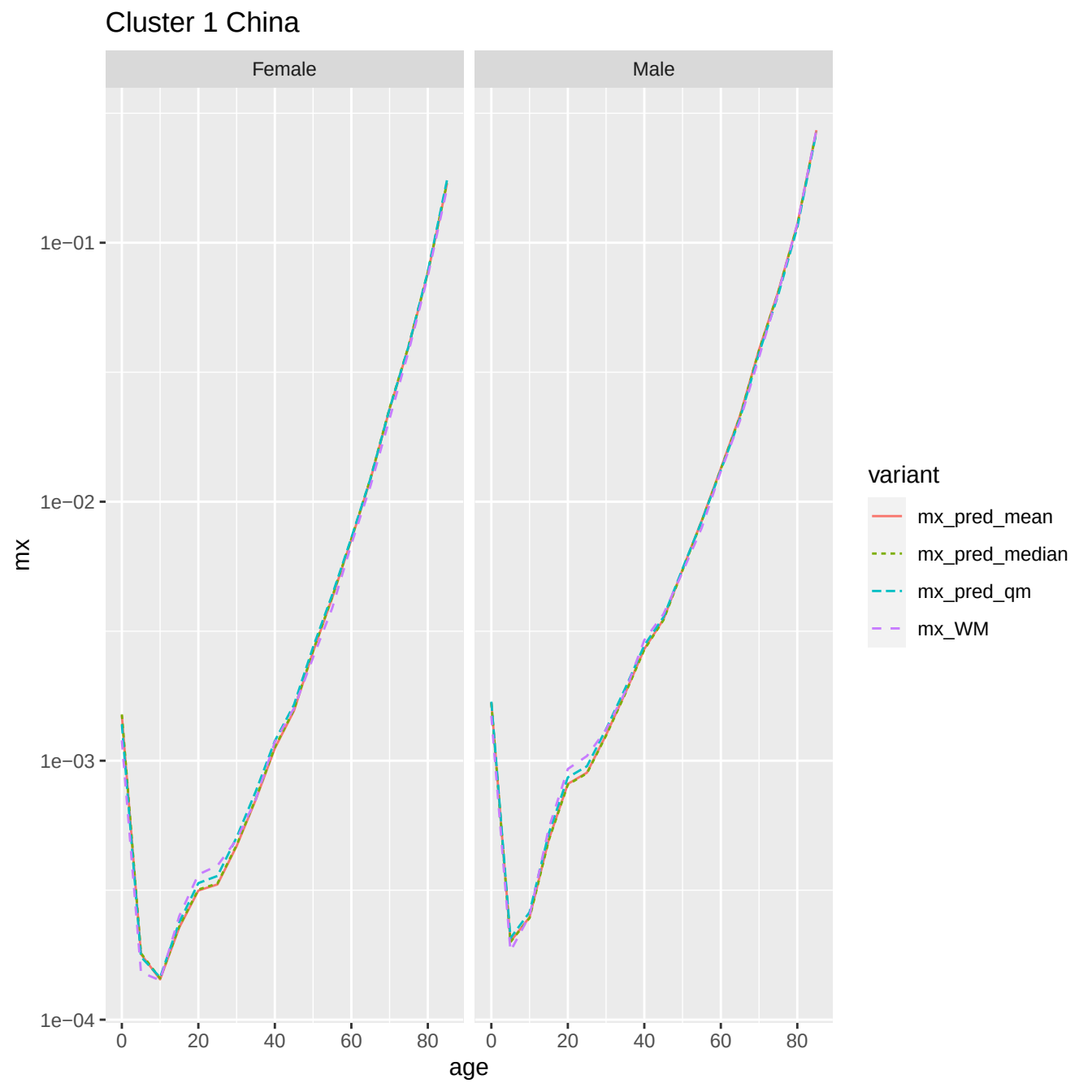
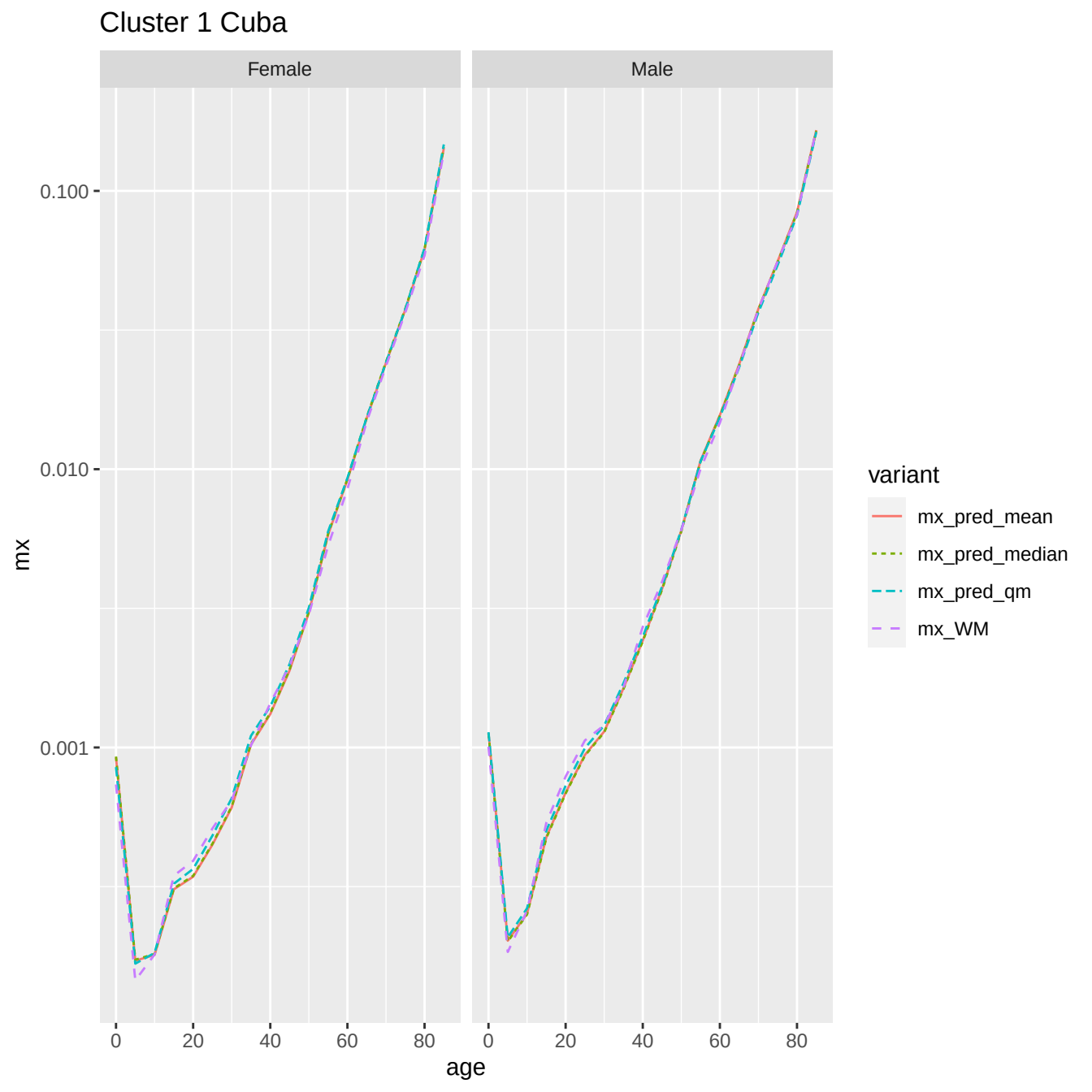
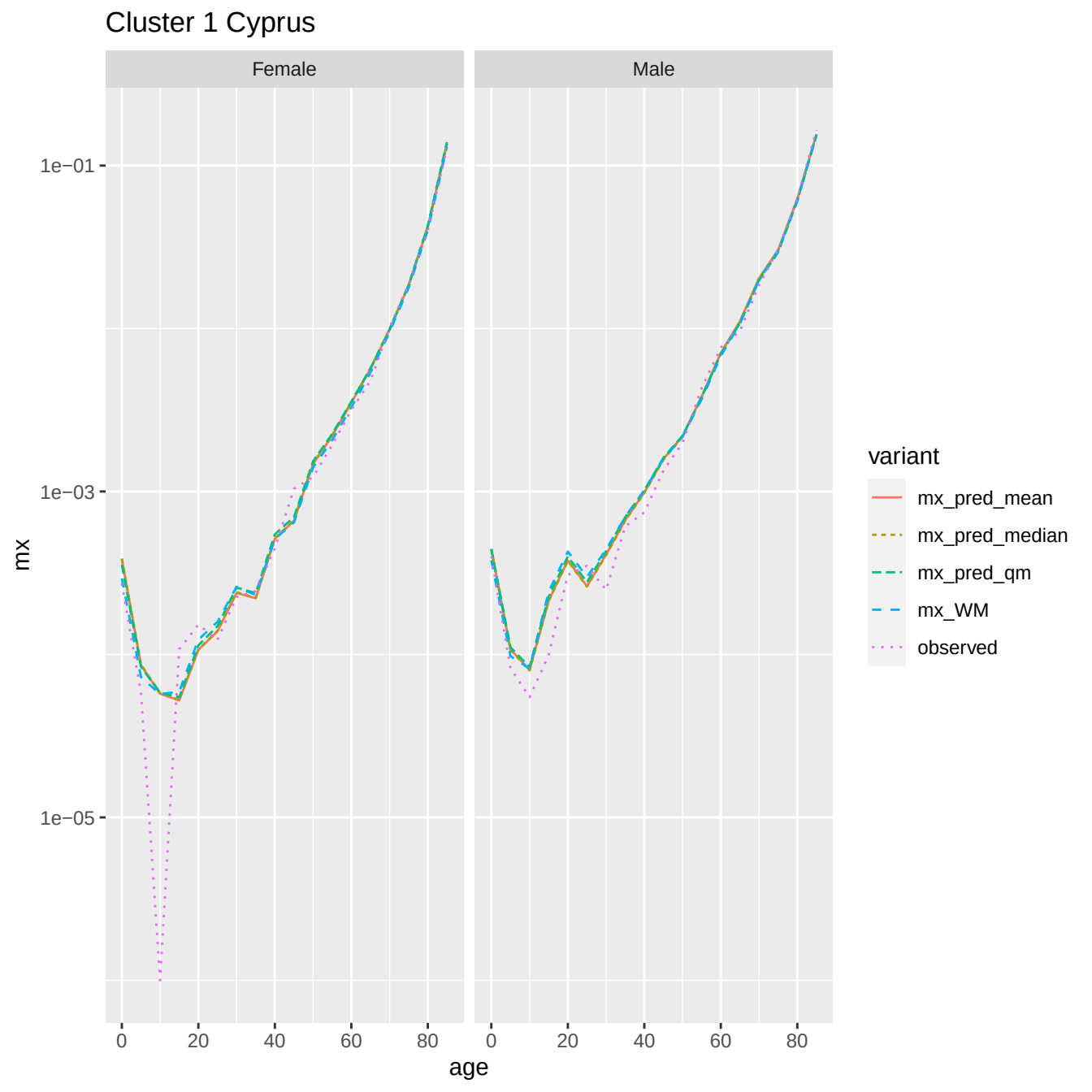
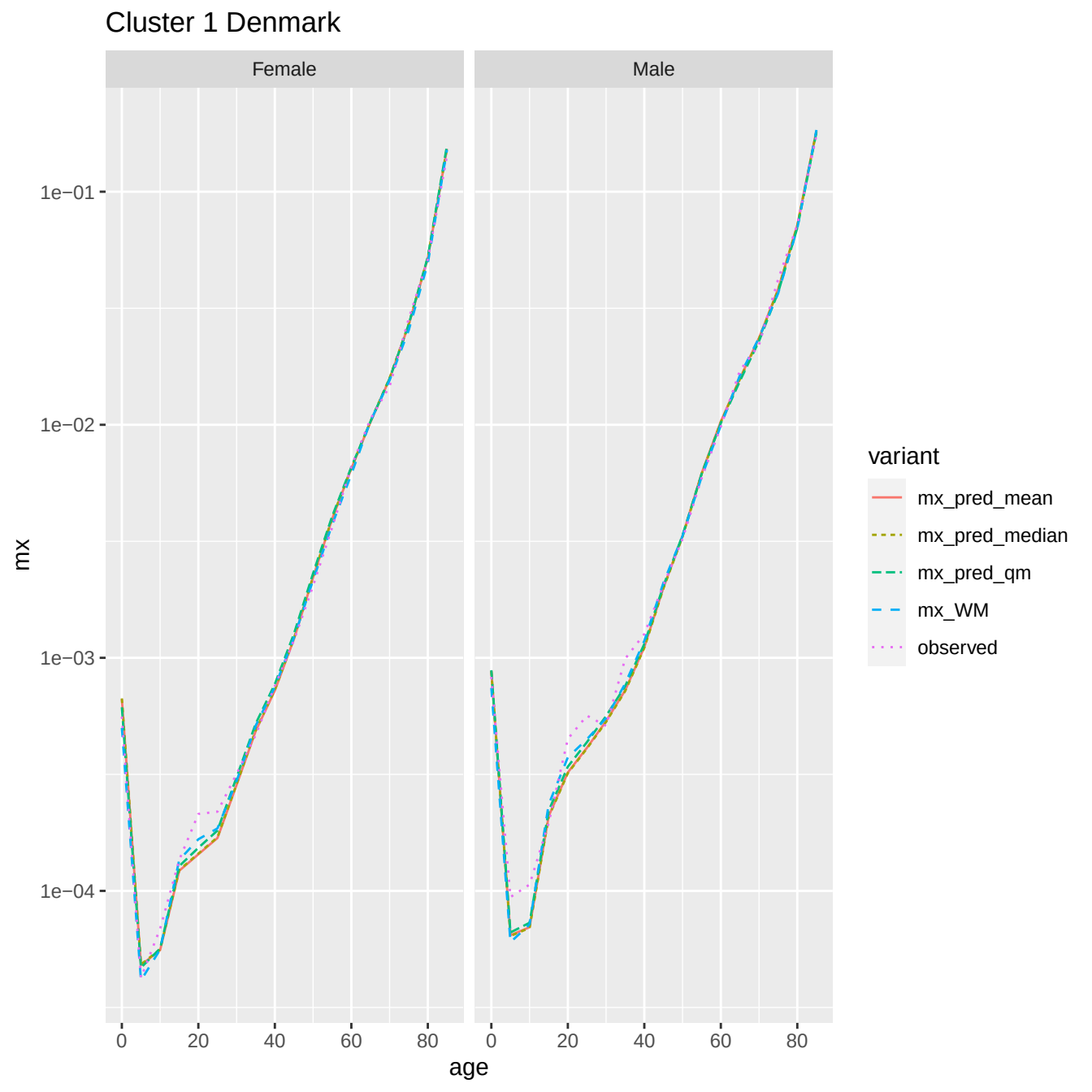
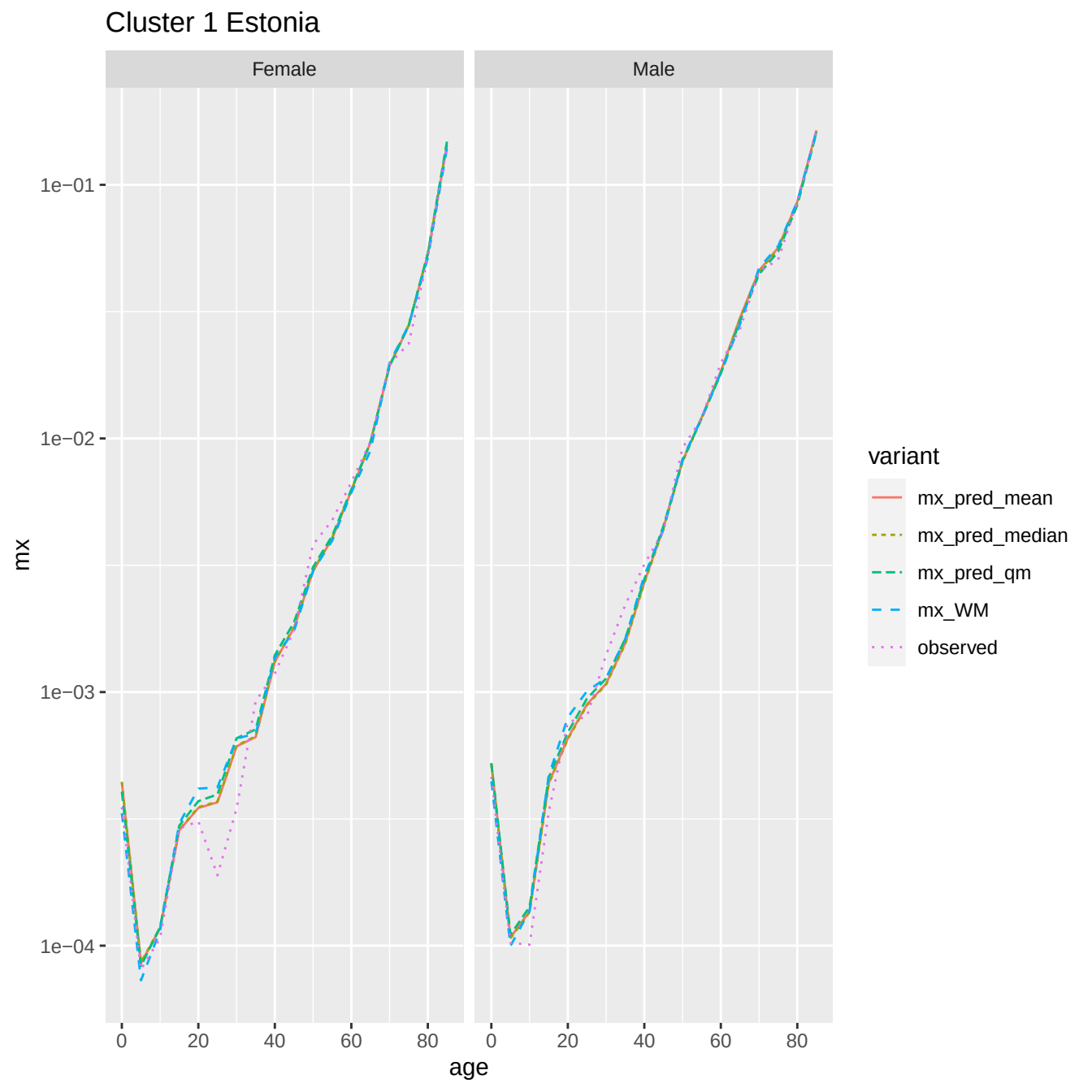
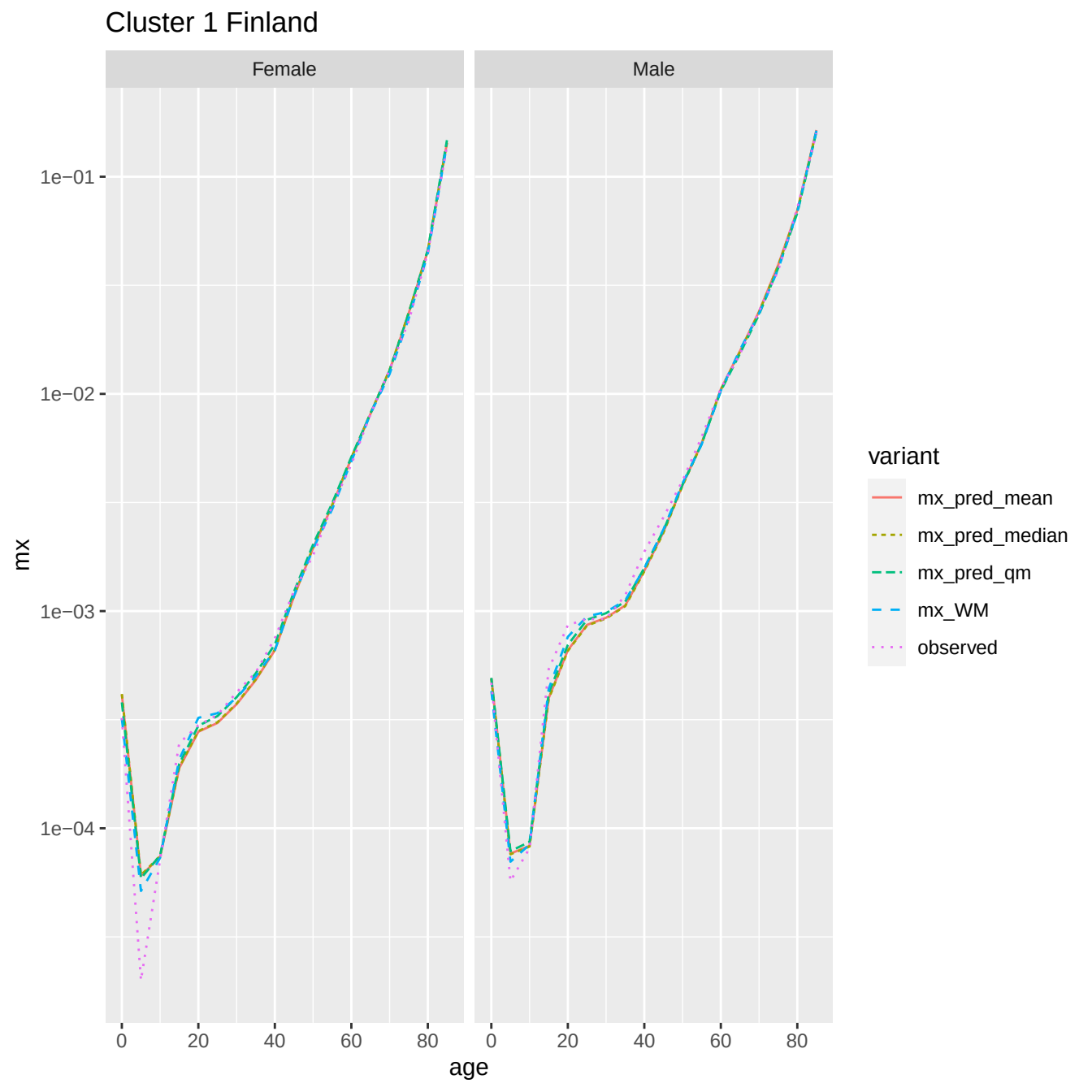

Cluster 1 China
Female
Male
mx
1e−01
1e−02
1e−03
1e−04
0
20
40
60
80
age
variant
mx_pred_mean
mx_pred_median
mx_pred_qm
mx_WM

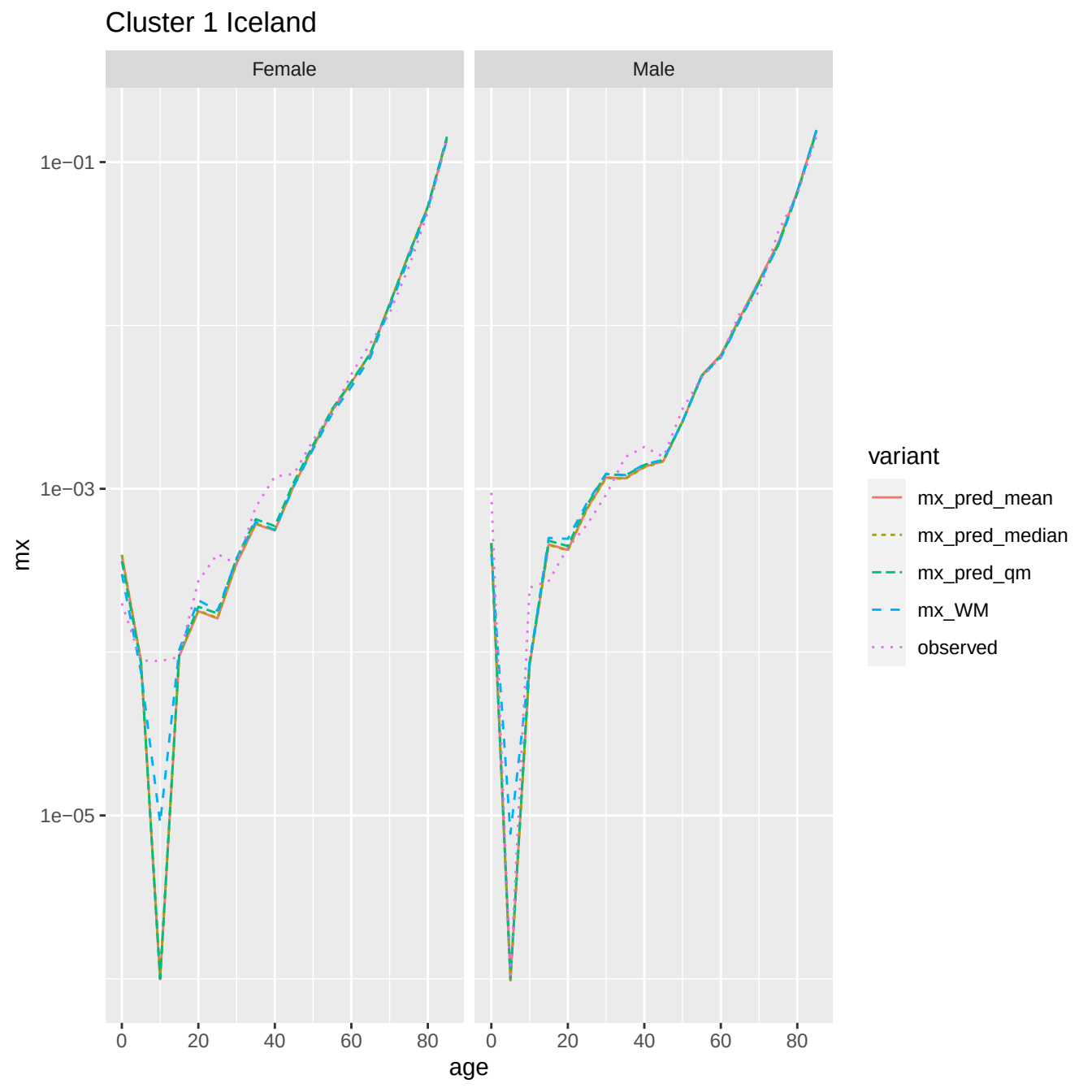

Cluster 1 Cuba
Female
Male
0.100
0.010
0.001
mx
0
20
40
60
80
age
variant
mx_pred_mean
mx_pred_median
mx_pred_qm
mx_WM

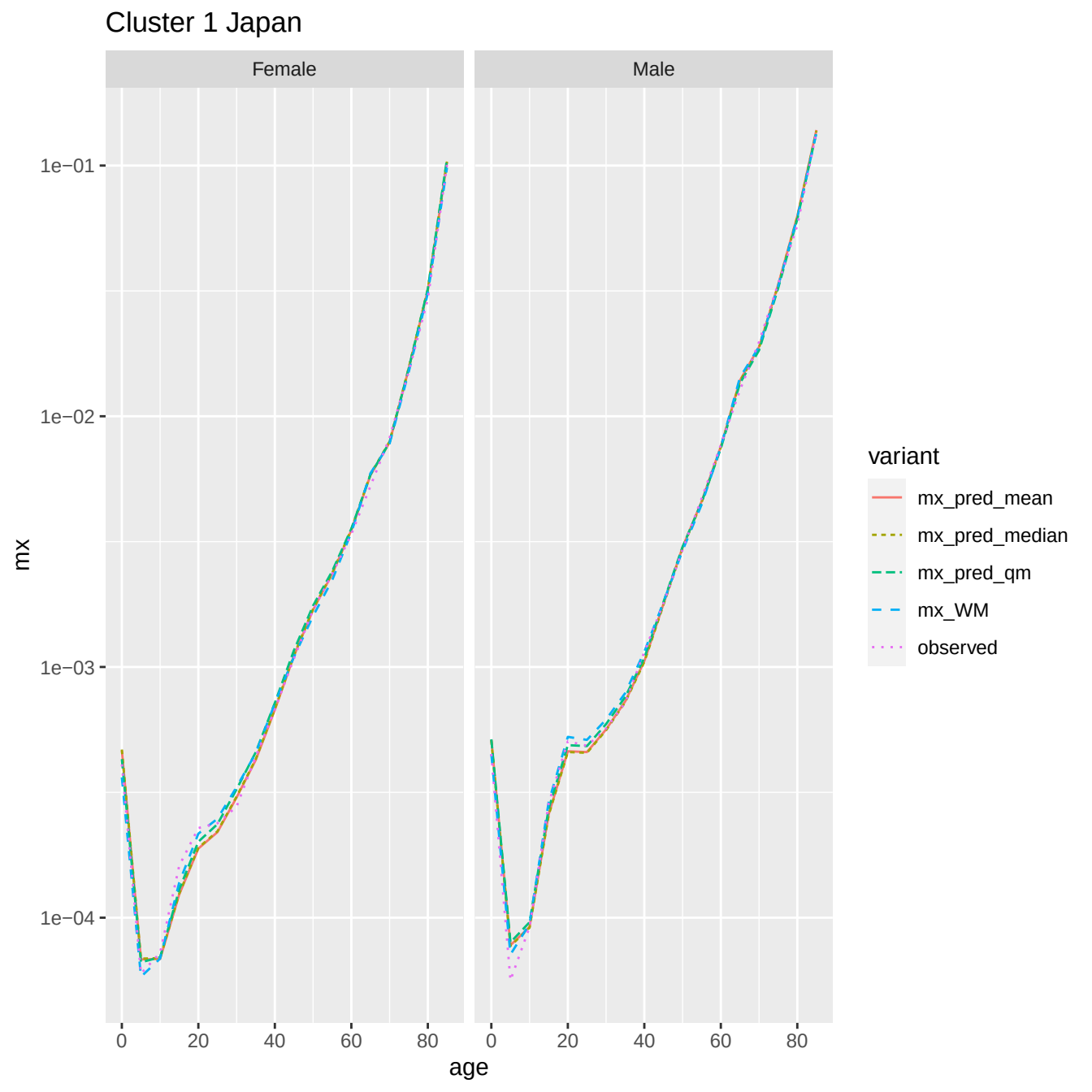

Cluster 1 Cyprus
Female
Male
1e−01
1e−03
1e−05
mx
0
20
40
60
80
age
variant
mx_pred_mean
mx_pred_median
mx_pred_qm
mx_WM
observed

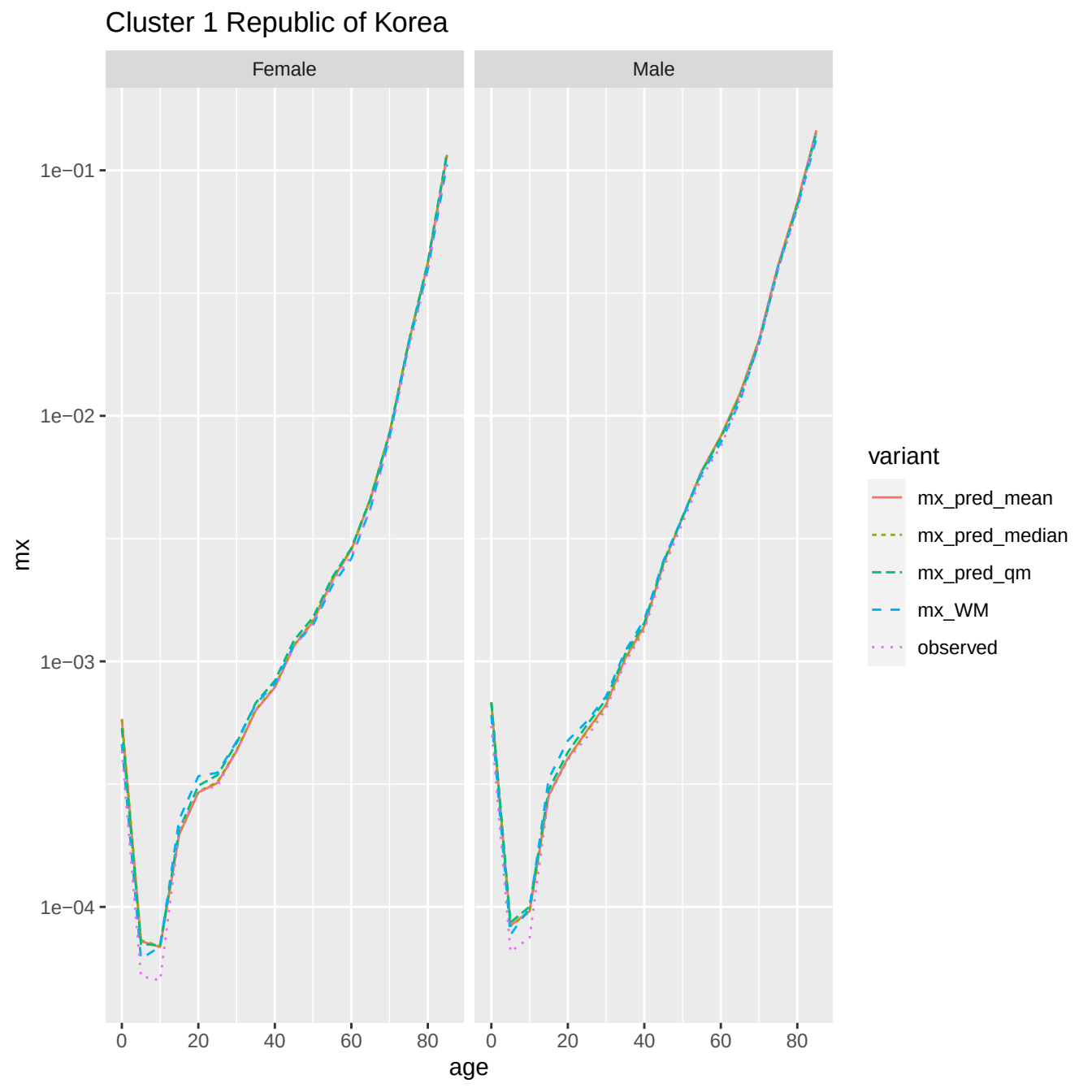

Cluster 1 Denmark
Female
Male
1e−01
1e−02
1e−03
1e−04
mx
0
20
40
60
80
age
variant
mx_pred_mean
mx_pred_median
mx_pred_qm
mx_WM
observed

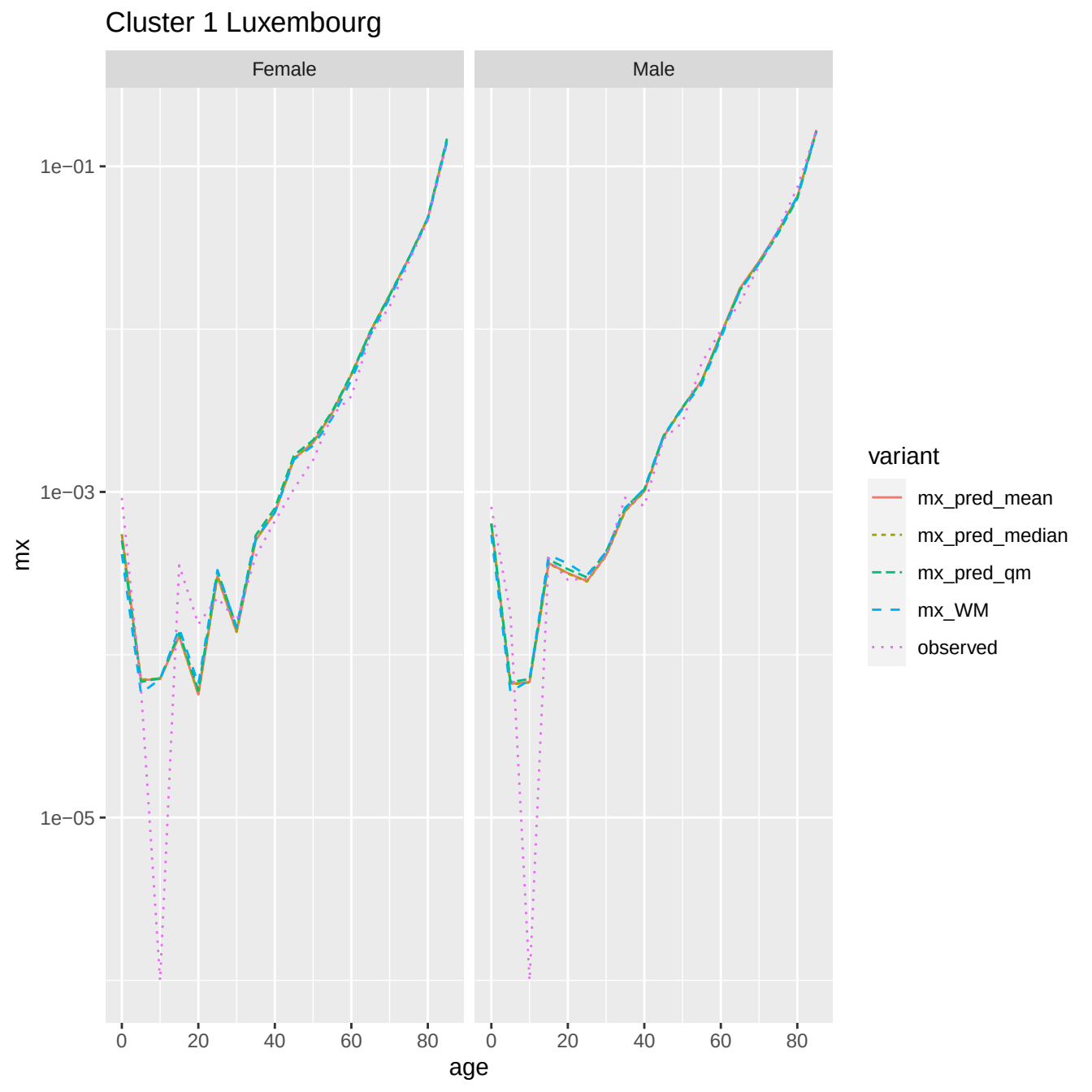

Cluster 1 Estonia
Female
Male
1e−01
1e−02
1e−03
1e−04
mx
0
20
40
60
80
age
variant
mx_pred_mean
mx_pred_median
mx_pred_qm
mx_WM
observed

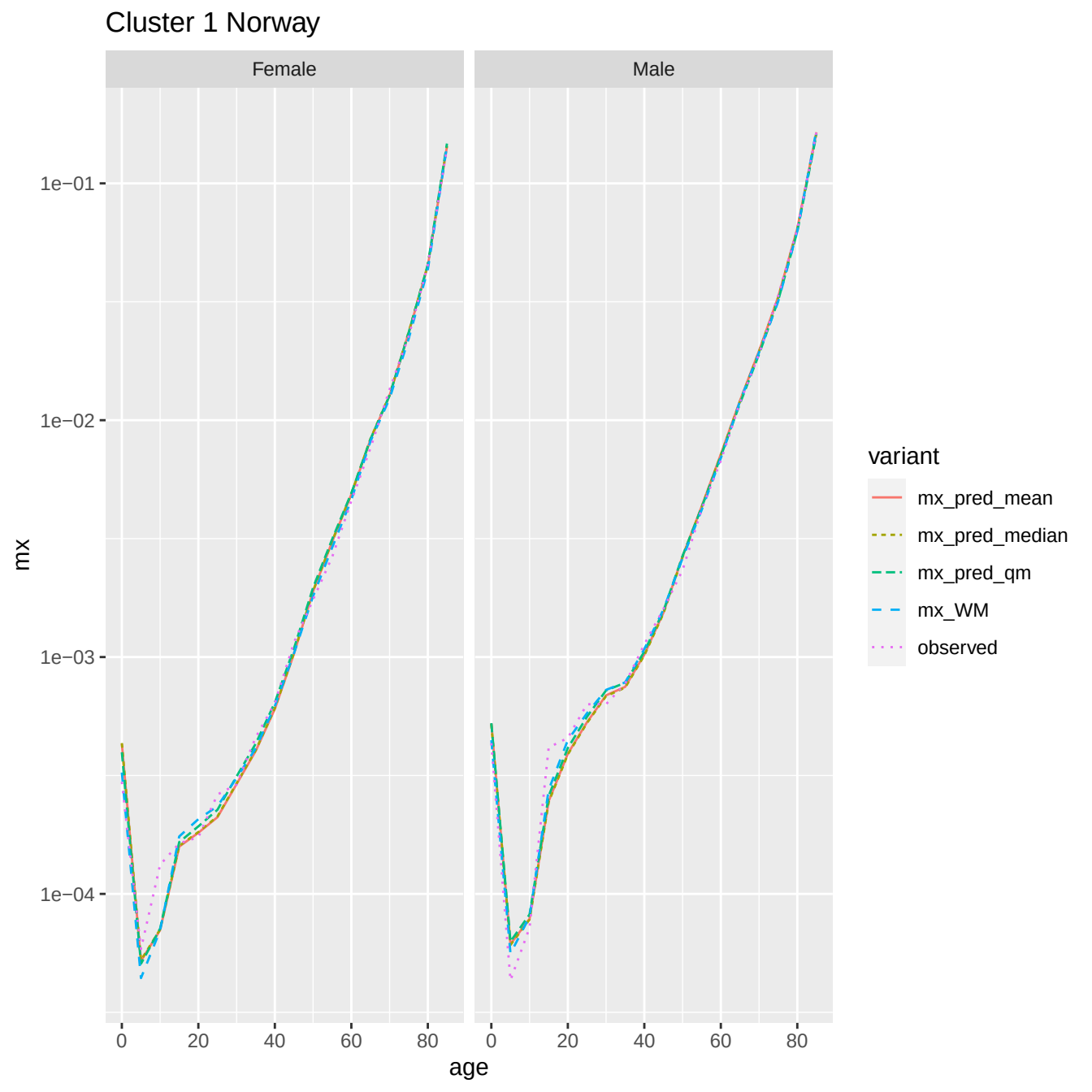

Cluster 1 Finland
Female
Male
1e−01
1e−02
1e−03
1e−04
mx
0
20
40
60
80
age
variant
mx_pred_mean
mx_pred_median
mx_pred_qm
mx_WM
observed

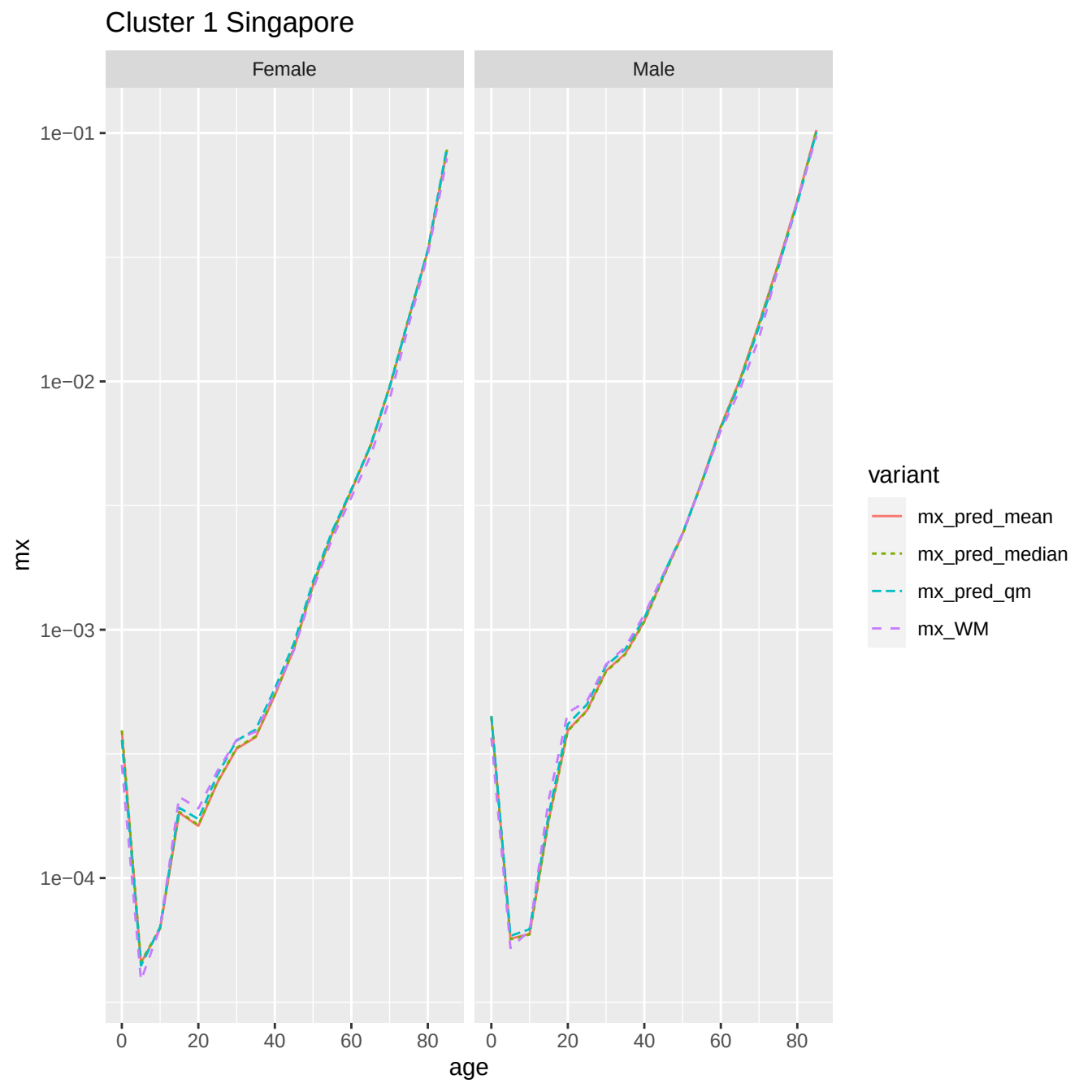

Cluster 1 Iceland
Female
Male
1e−01
1e−03
1e−05
mx
0
20
40
60
80
age
variant
mx_pred_mean
mx_pred_median
mx_pred_qm
mx_WM
observed

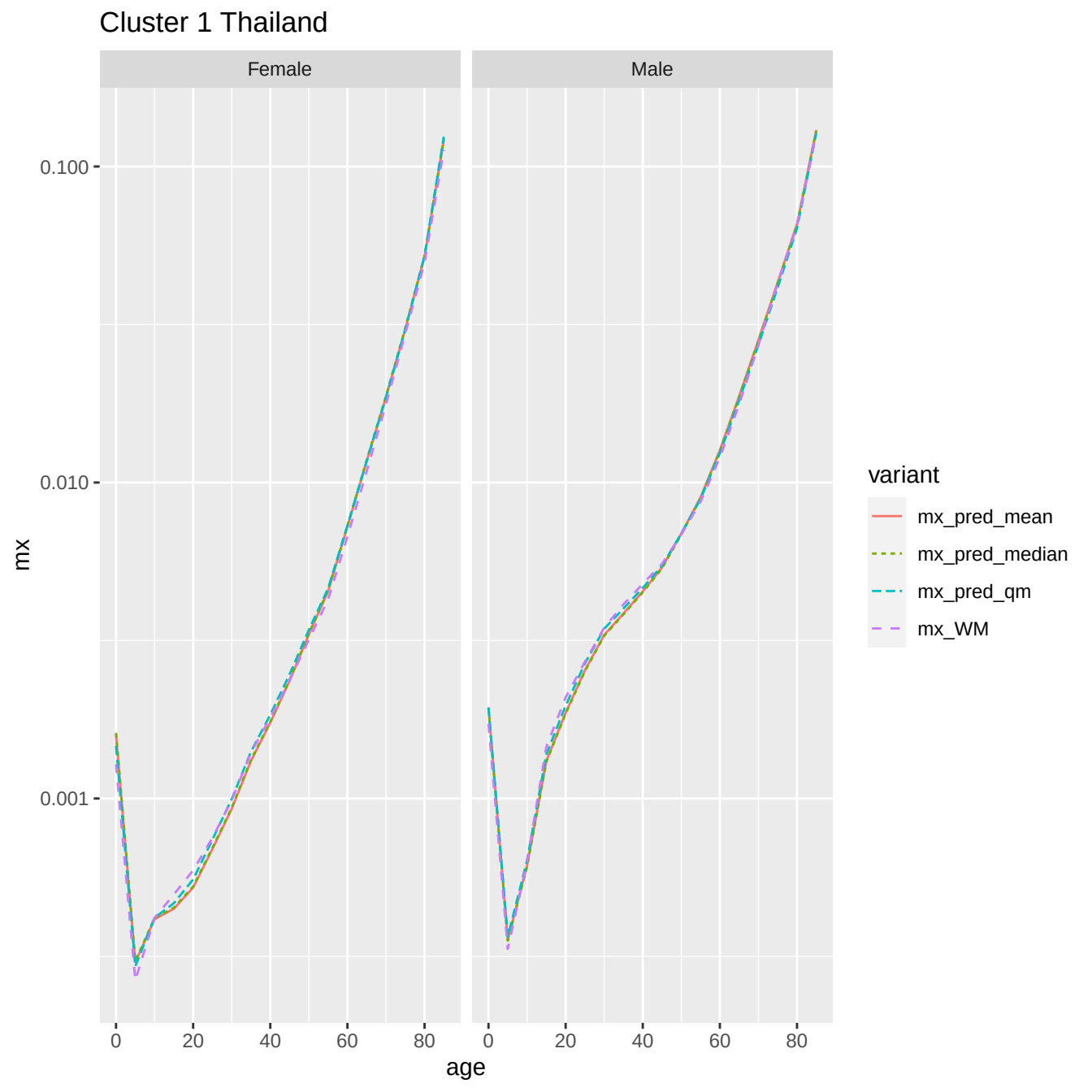

Cluster 1 Japan
Female
Male
1e−01
1e−02
1e−03
1e−04
mx
0
20
40
60
80
age
variant
mx_pred_mean
mx_pred_median
mx_pred_qm
mx_WM
observed

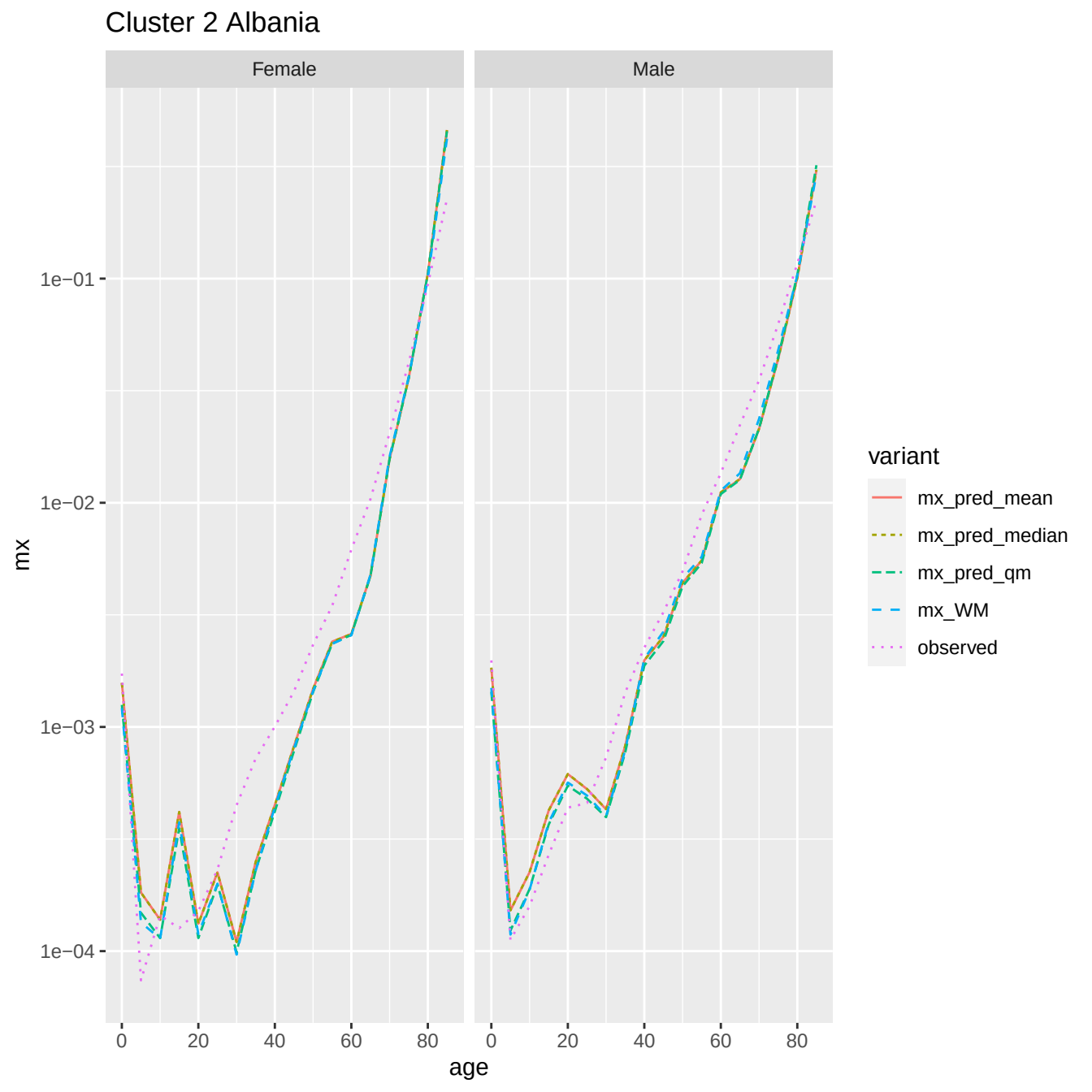

Cluster 1 Republic of Korea
Female
Male
1e−01
1e−02
1e−03
1e−04
mx
0
20
40
60
80
age
variant
mx_pred_mean
mx_pred_median
mx_pred_qm
mx_WM
observed

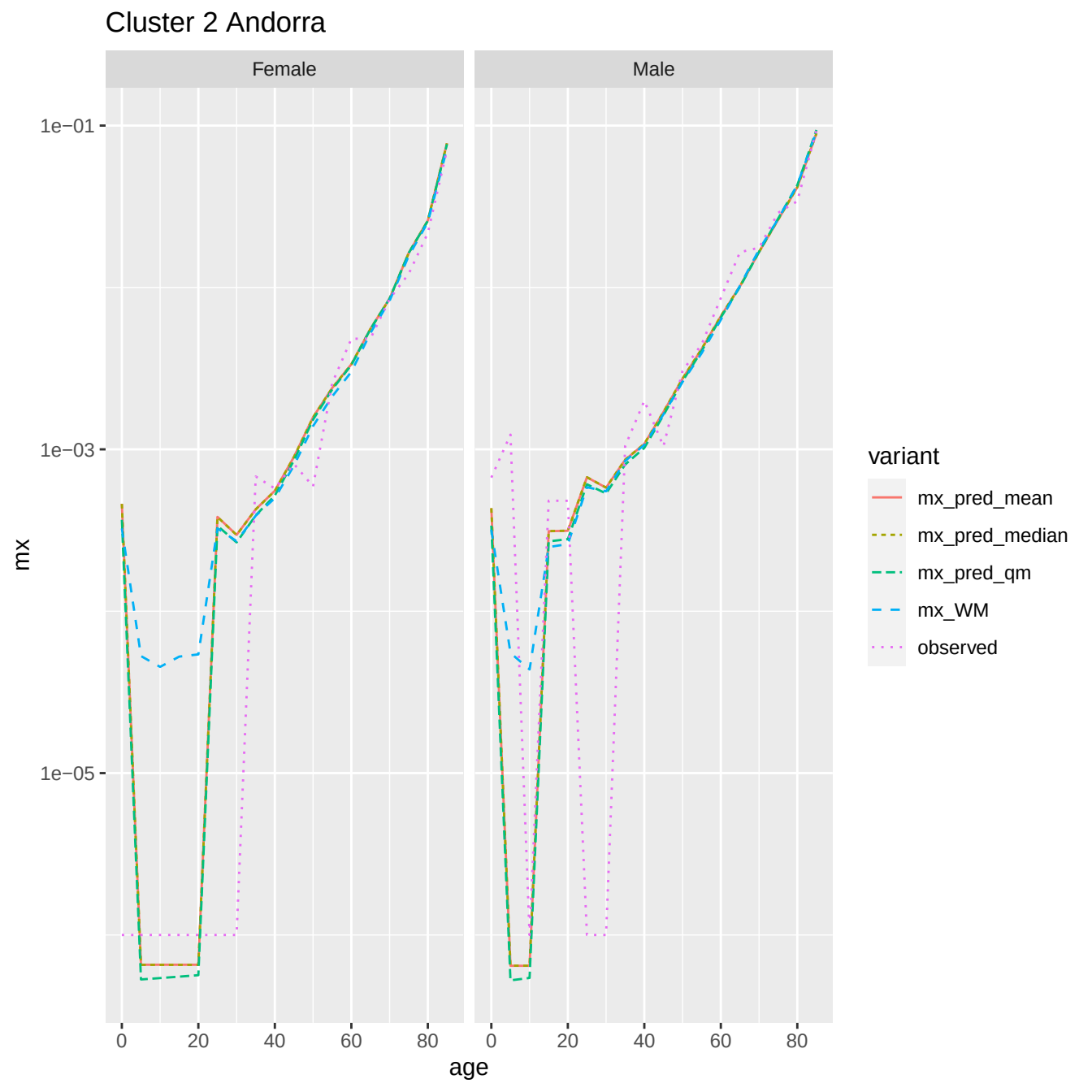

Cluster 1 Luxembourg
Female
Male
1e−01
1e−03
1e−05
mx
0
20
40
60
80
age
variant
mx_pred_mean
mx_pred_median
mx_pred_qm
mx_WM
observed

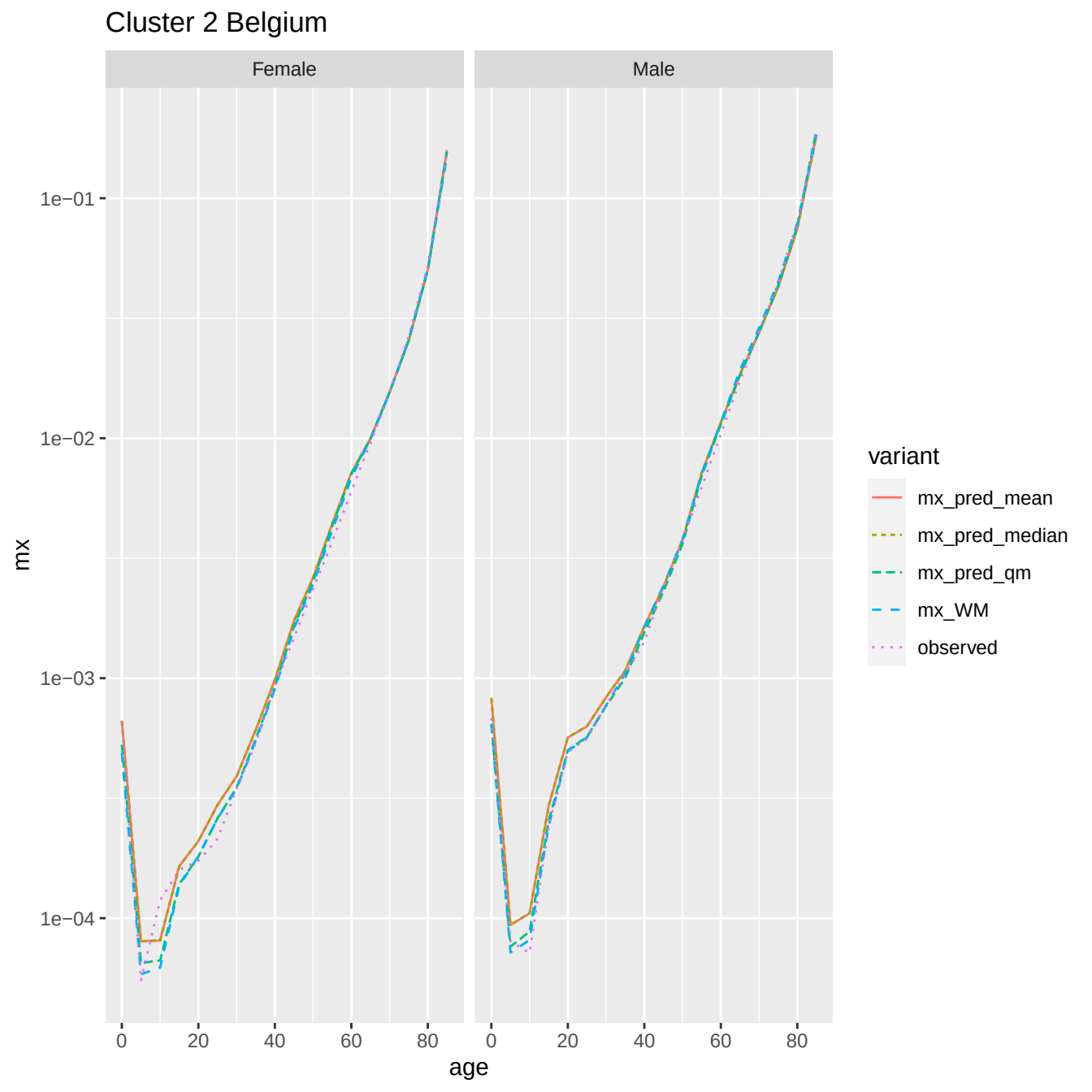

Cluster 1 Norway
Female
Male
1e−01
1e−02
1e−03
1e−04
mx
0
20
40
60
80
age
variant
mx_pred_mean
mx_pred_median
mx_pred_qm
mx_WM
observed

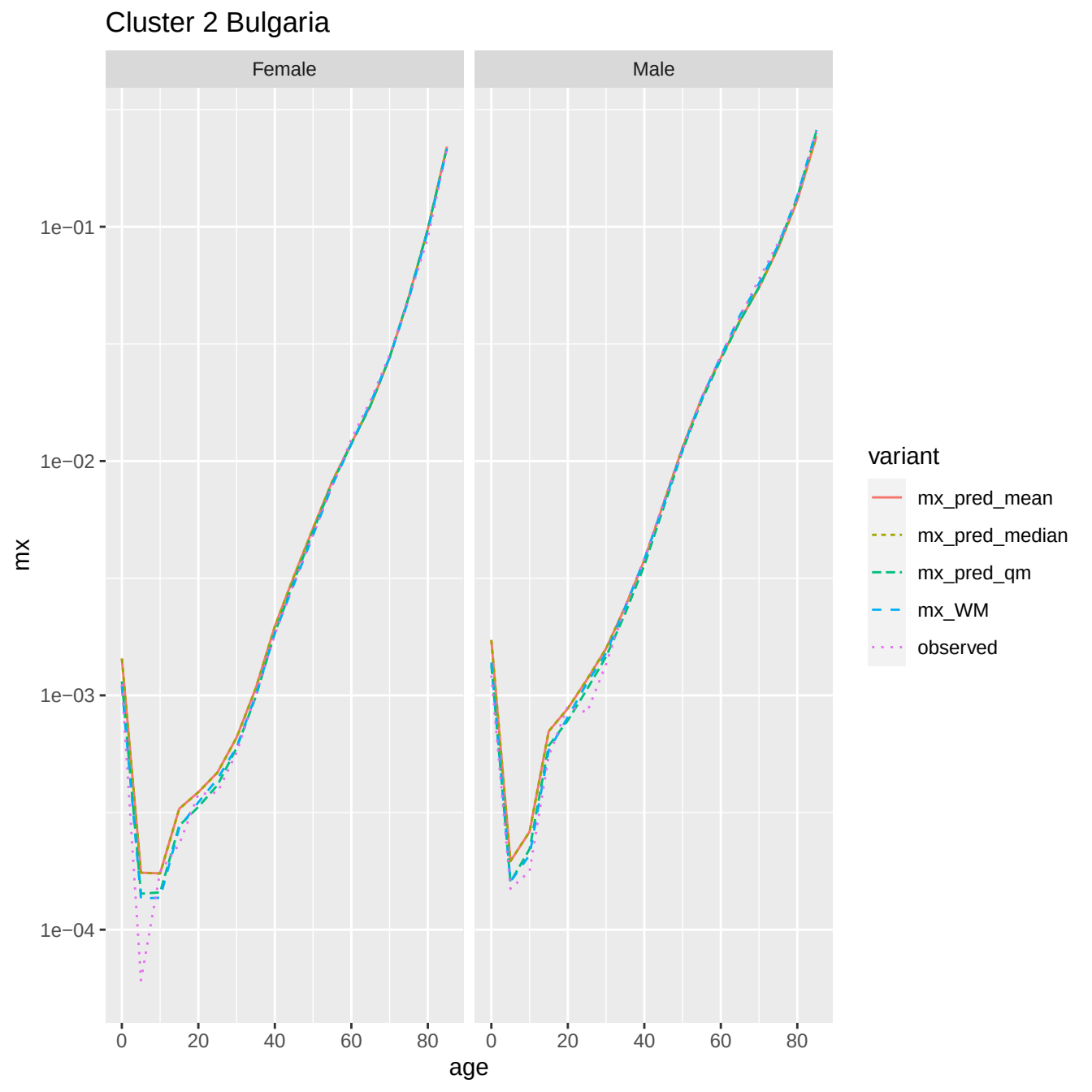

Cluster 1 Singapore
Female
Male
1e−01
1e−02
1e−03
1e−04
mx
0
20
40
60
80
age
variant
mx_pred_mean
mx_pred_median
mx_pred_qm
mx_WM

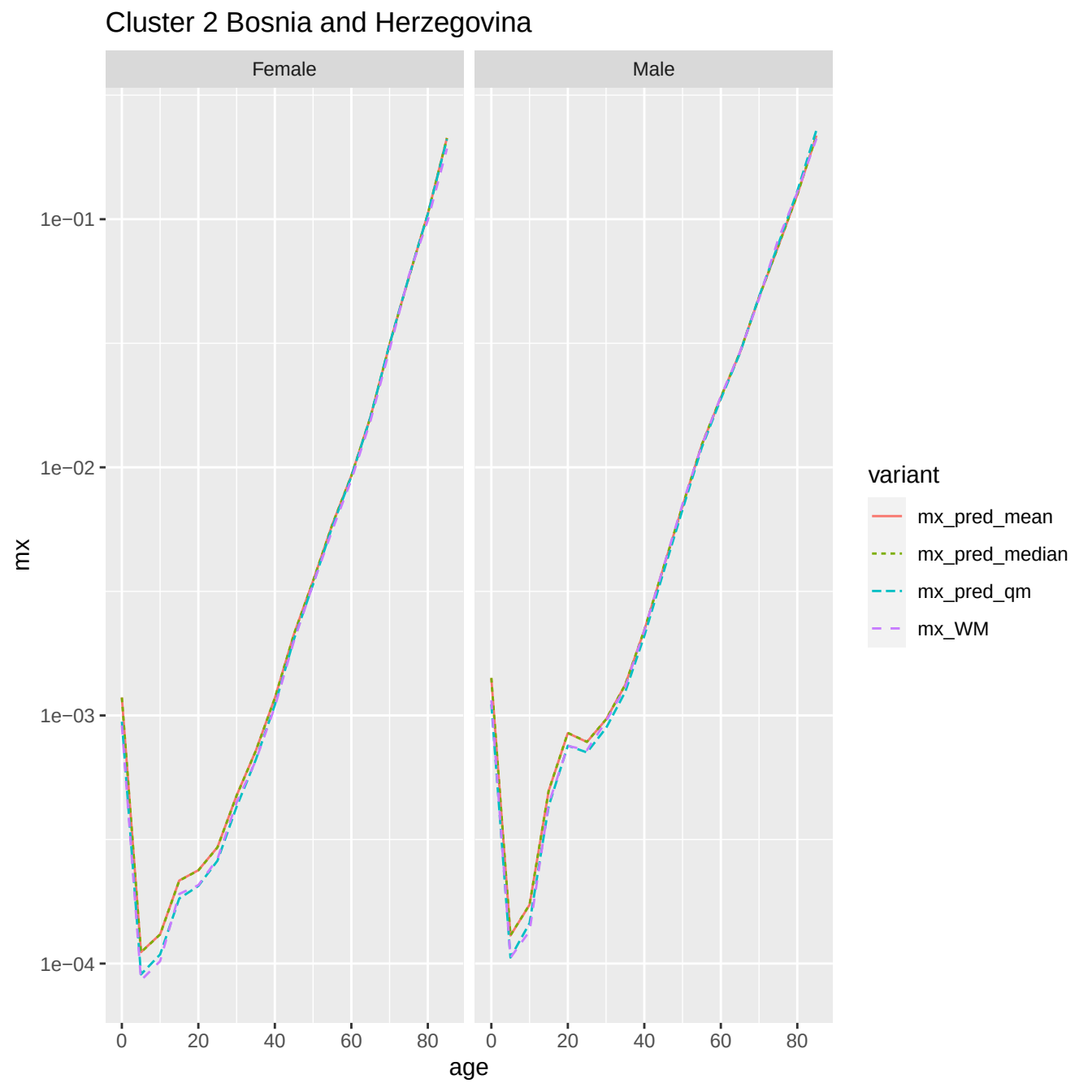

Cluster 1 Thailand
Female
Male
0.100
0.010
0.001
mx
0
20
40
60
80
age
variant
mx_pred_mean
mx_pred_median
mx_pred_qm
mx_WM

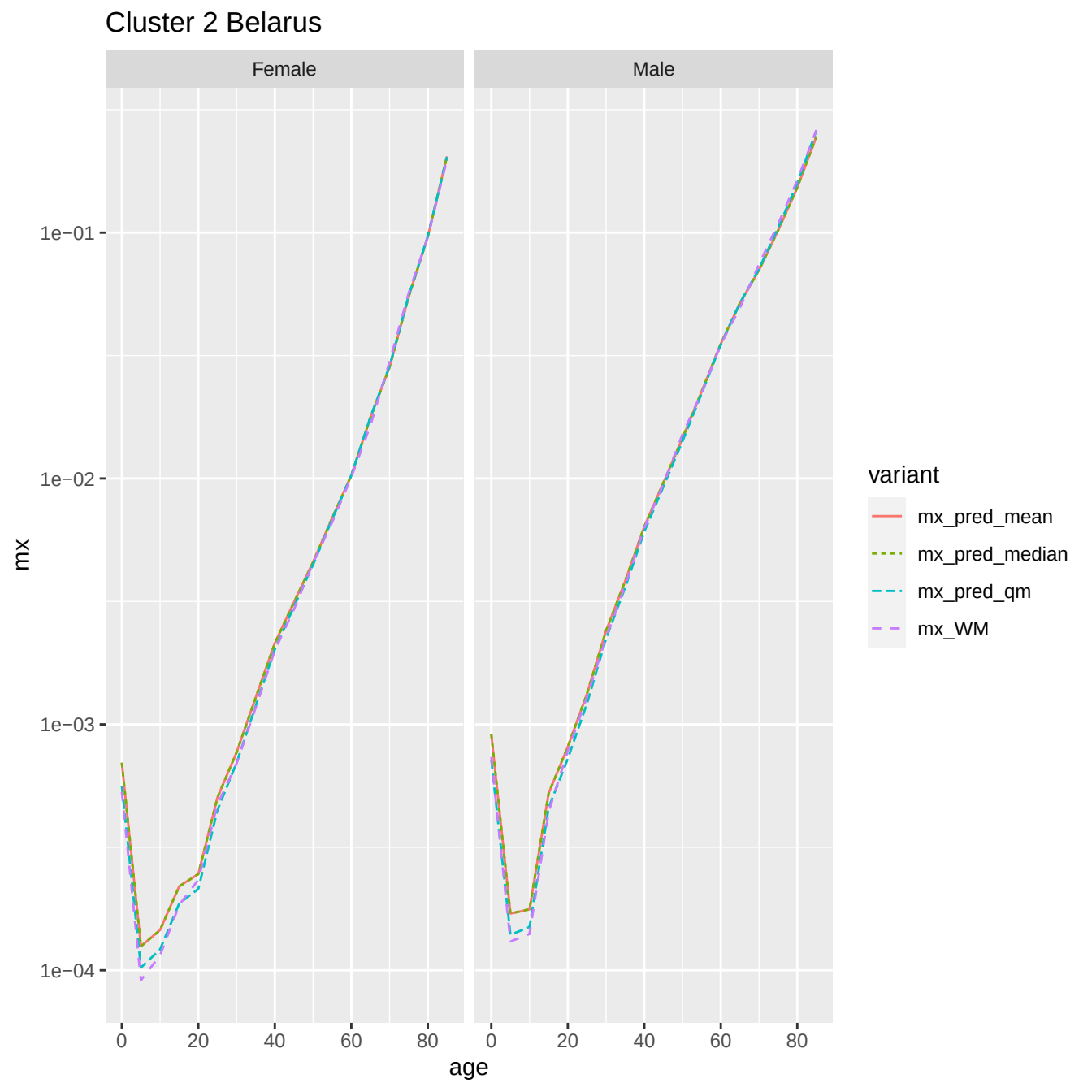

Cluster 2 Albania
Female
Male
mx
1e−01
1e−02
1e−03
1e−04
0
20
40
60
80
age
variant
mx_pred_mean
mx_pred_median
mx_pred_qm
mx_WM
observed

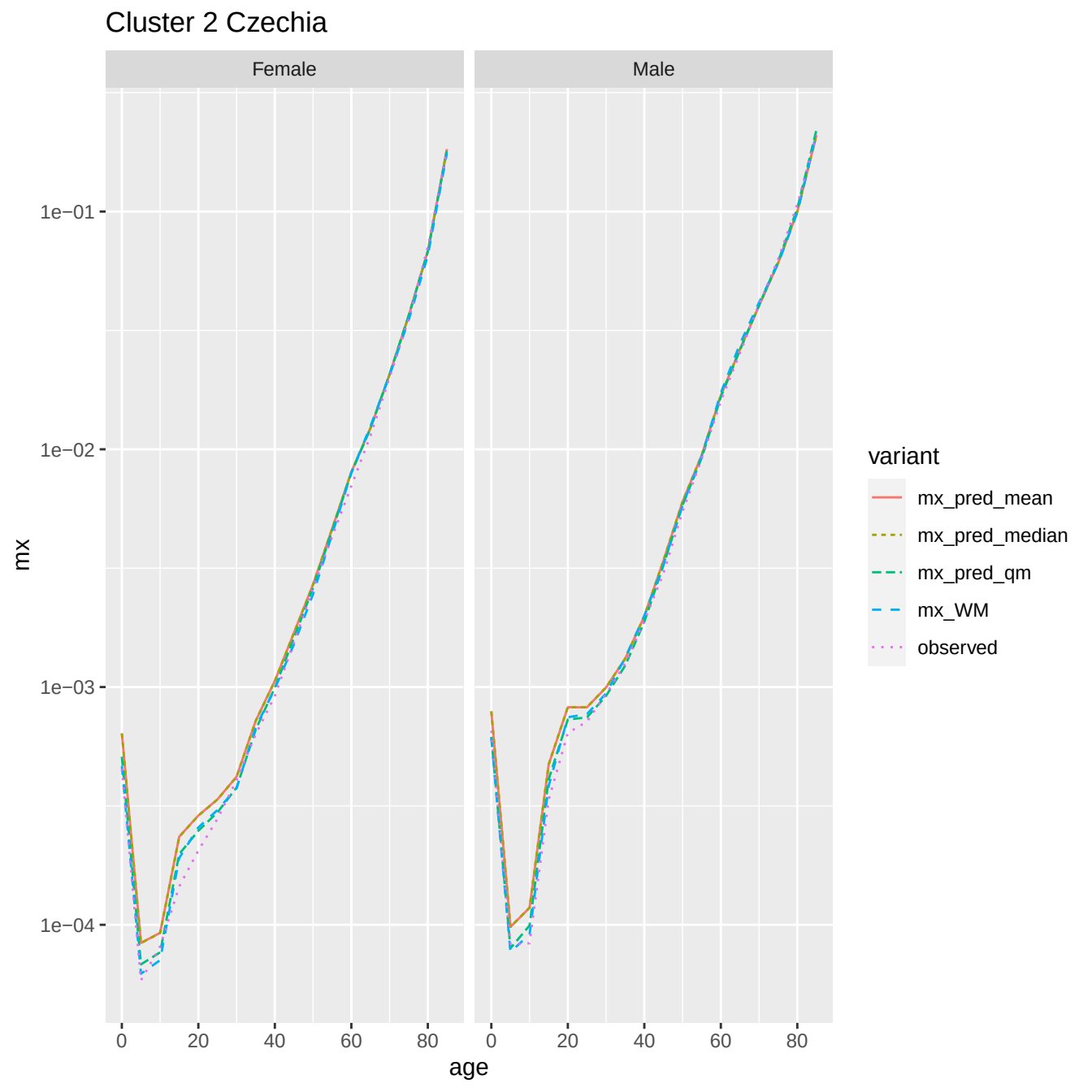

Cluster 2 Andorra
Female
Male
1e−01
1e−03
1e−05
mx
0
20
40
60
80
age
variant
mx_pred_mean
mx_pred_median
mx_pred_qm
mx_WM
observed

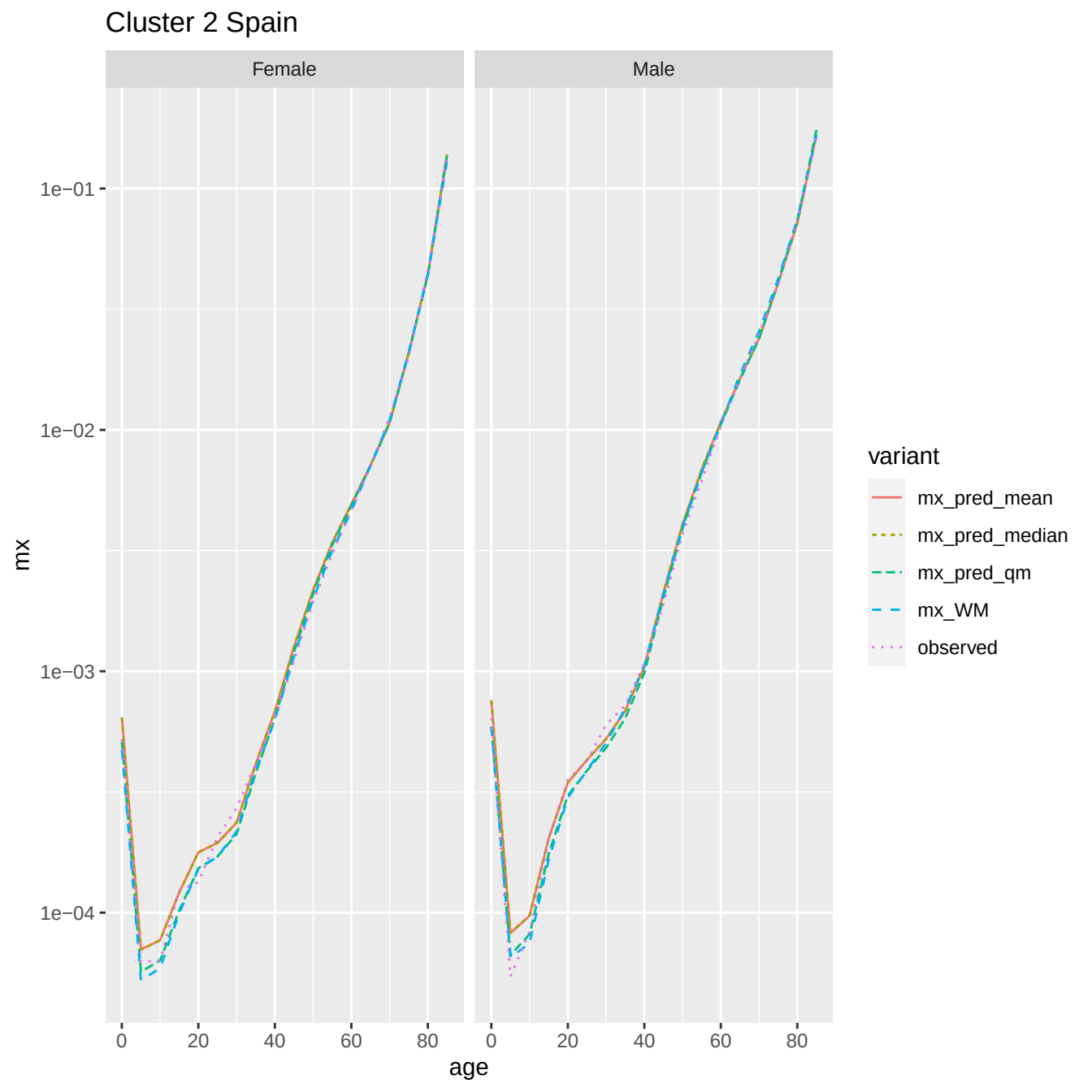

Cluster 2 Belgium
Female
Male
1e−01
1e−02
1e−03
1e−04
mx
0
20
40
60
80
age
variant
mx_pred_mean
mx_pred_median
mx_pred_qm
mx_WM
observed

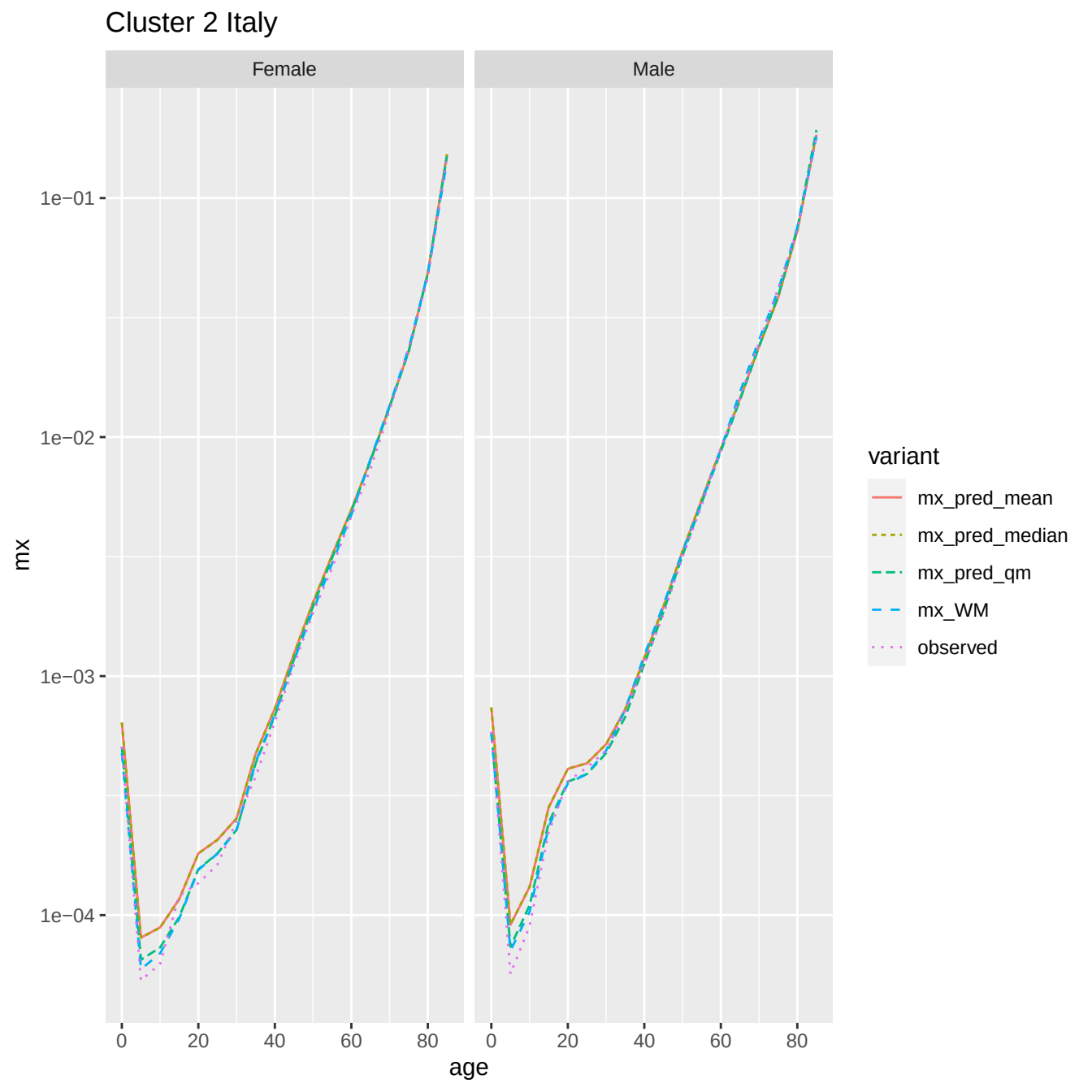

Cluster 2 Bulgaria
Female
Male
1e−01
1e−02
1e−03
1e−04
mx
0
20
40
60
80
age
variant
mx_pred_mean
mx_pred_median
mx_pred_qm
mx_WM
observed

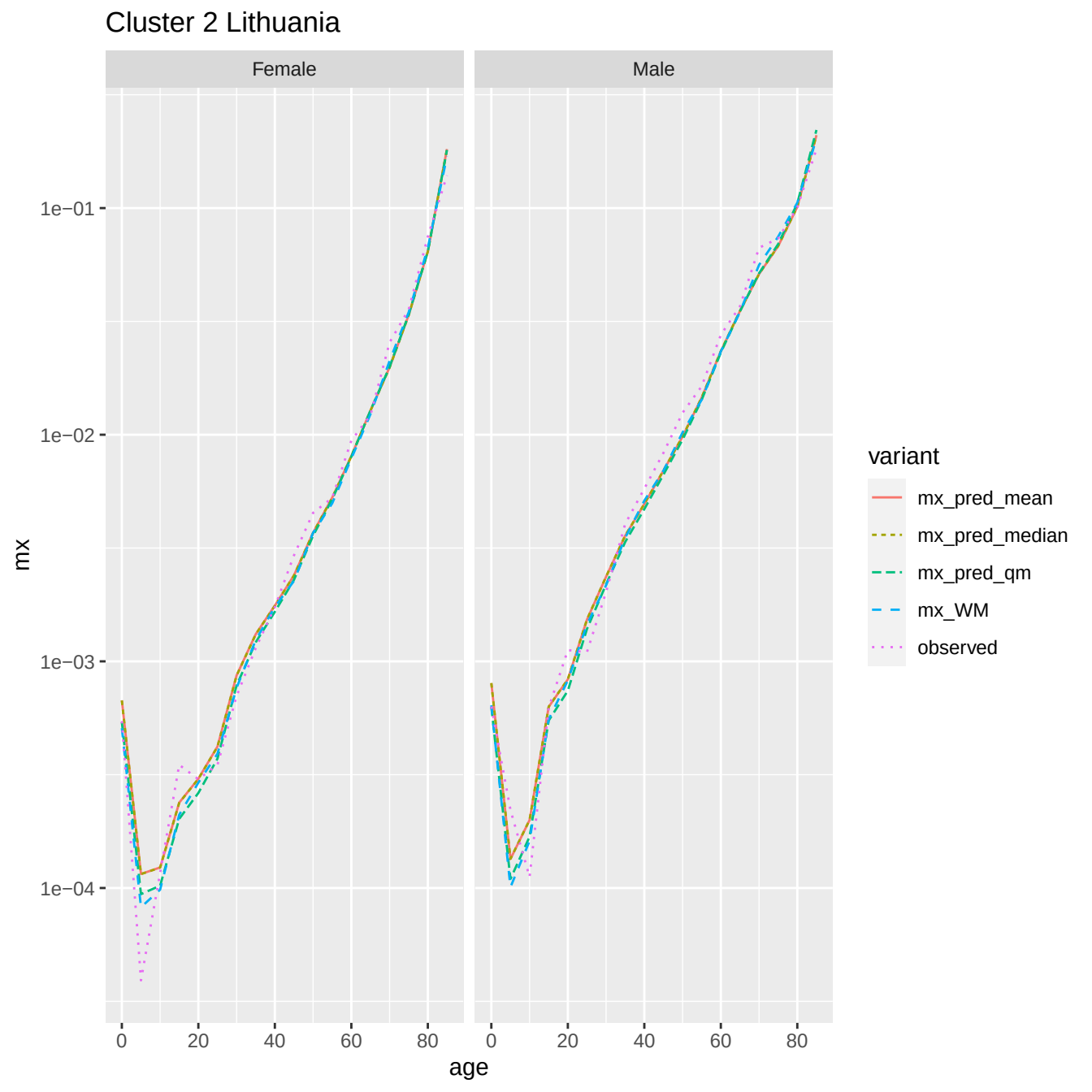

Cluster 2 Bosnia and Herzegovina
Female
Male
mx
1e−01
1e−02
1e−03
1e−04
0
20
40
60
80
age
variant
mx_pred_mean
mx_pred_median
mx_pred_qm
mx_WM

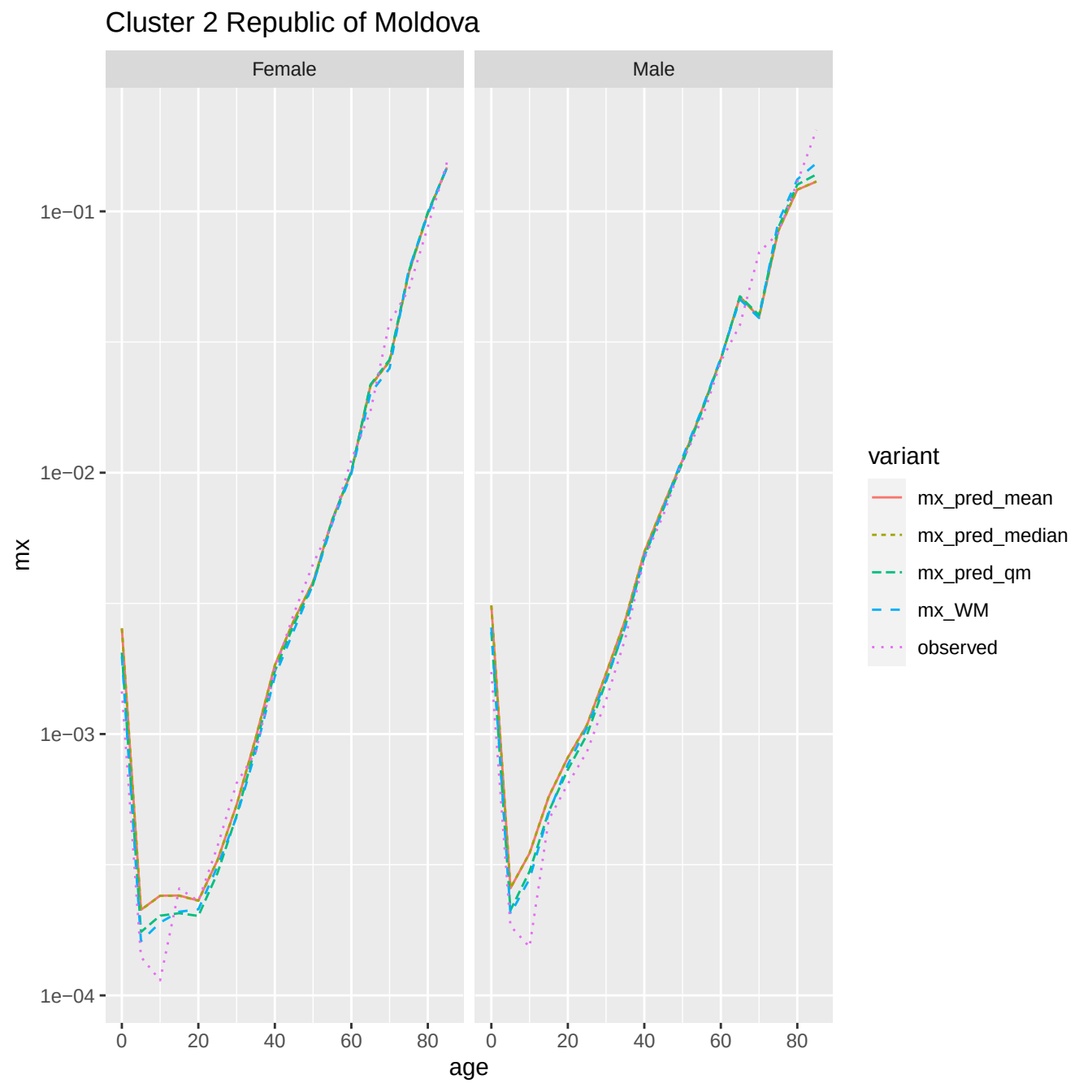

Cluster 2 Belarus
Female
Male
1e−01
1e−02
1e−03
1e−04
mx
0
20
40
60
80
age
variant
mx_pred_mean
mx_pred_median
mx_pred_qm
mx_WM

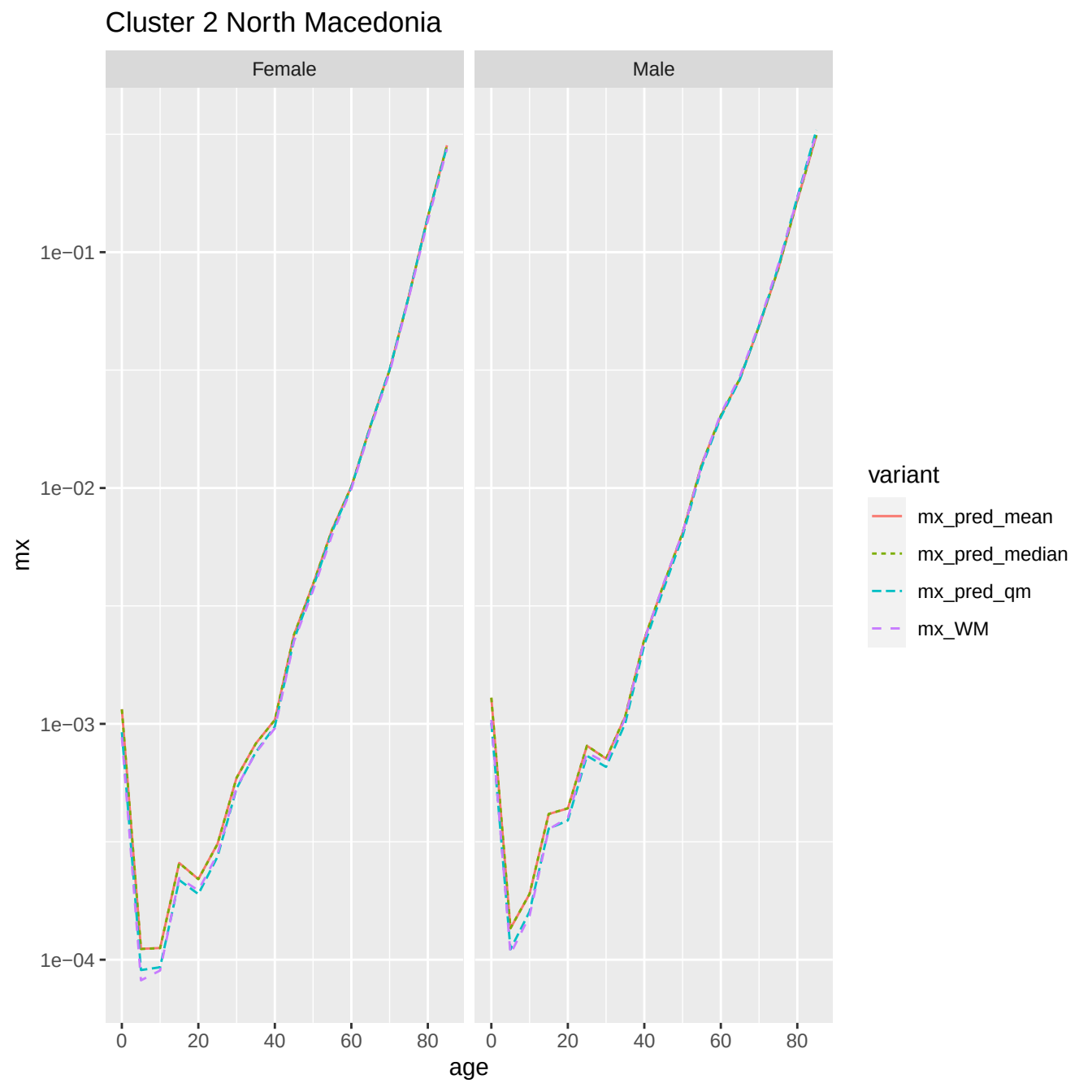

Cluster 2 Czechia
Female
Male
1e−01
1e−02
1e−03
1e−04
mx
0
20
40
60
80
age
variant
mx_pred_mean
mx_pred_median
mx_pred_qm
mx_WM
observed

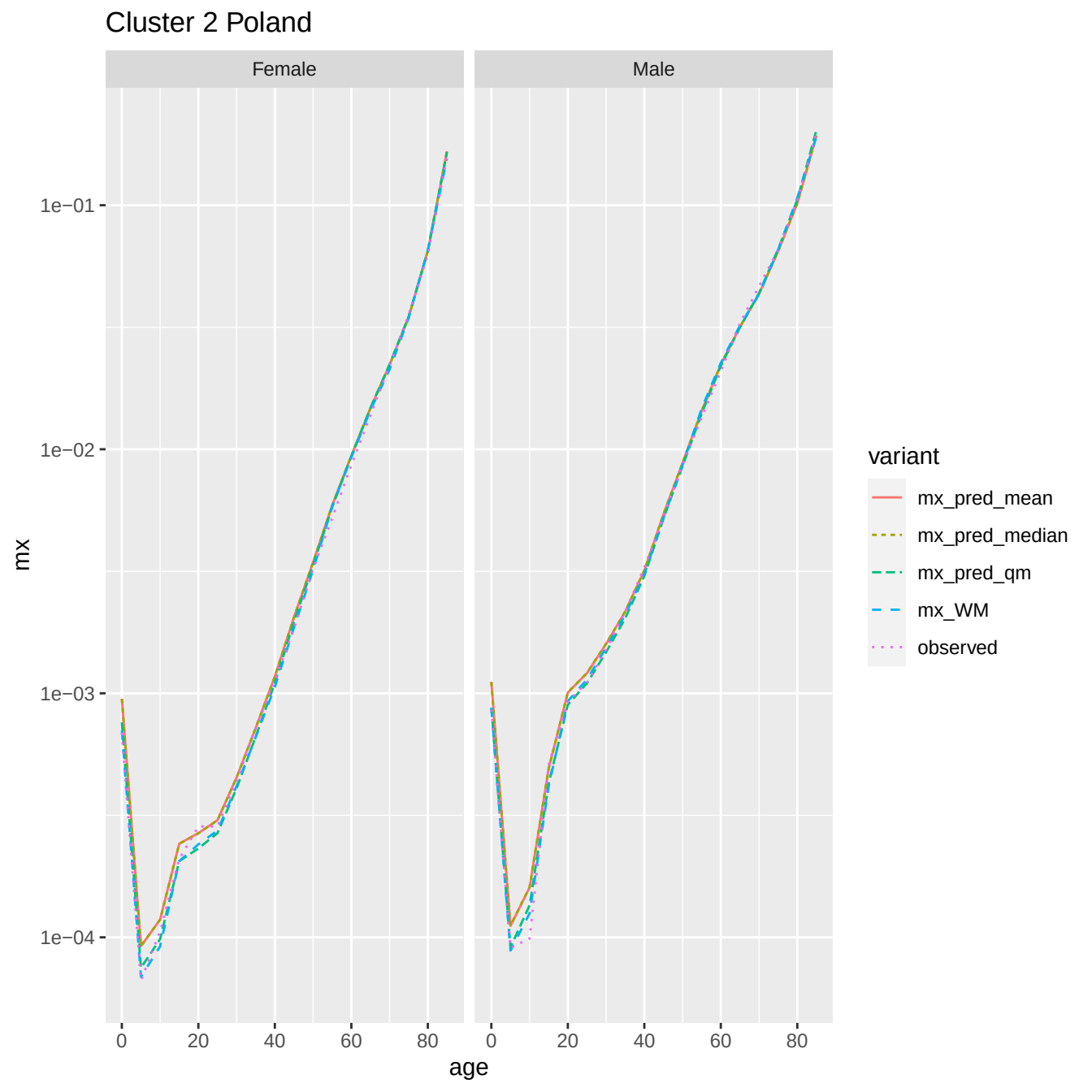

Cluster 2 Spain
Female
Male
1e−01
1e−02
1e−03
1e−04
mx
0
20
40
60
80
age
variant
mx_pred_mean
mx_pred_median
mx_pred_qm
mx_WM
observed

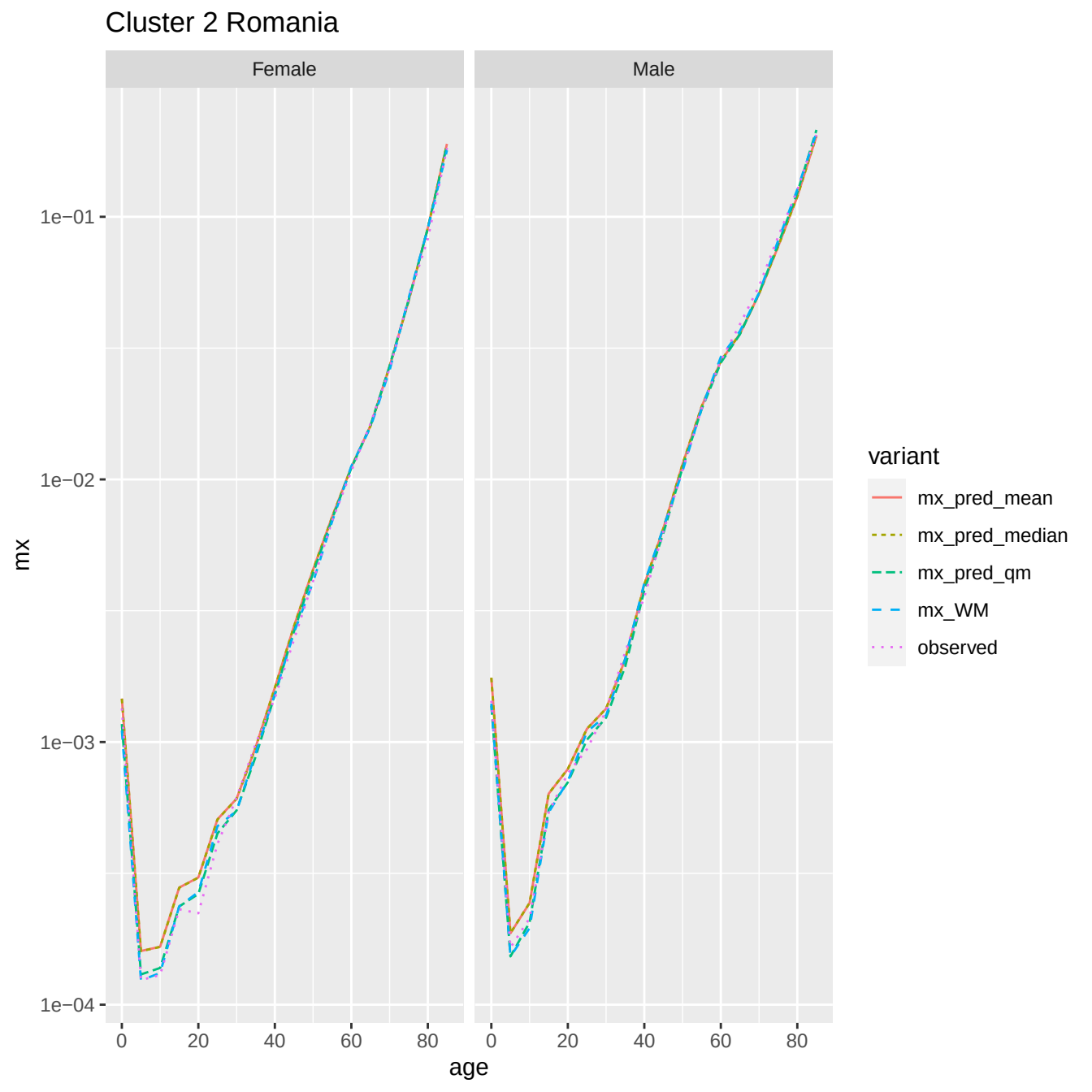

Cluster 2 Italy
Female
Male
1e−01
1e−02
1e−03
1e−04
mx
0
20
40
60
80
age
variant
mx_pred_mean
mx_pred_median
mx_pred_qm
mx_WM
observed

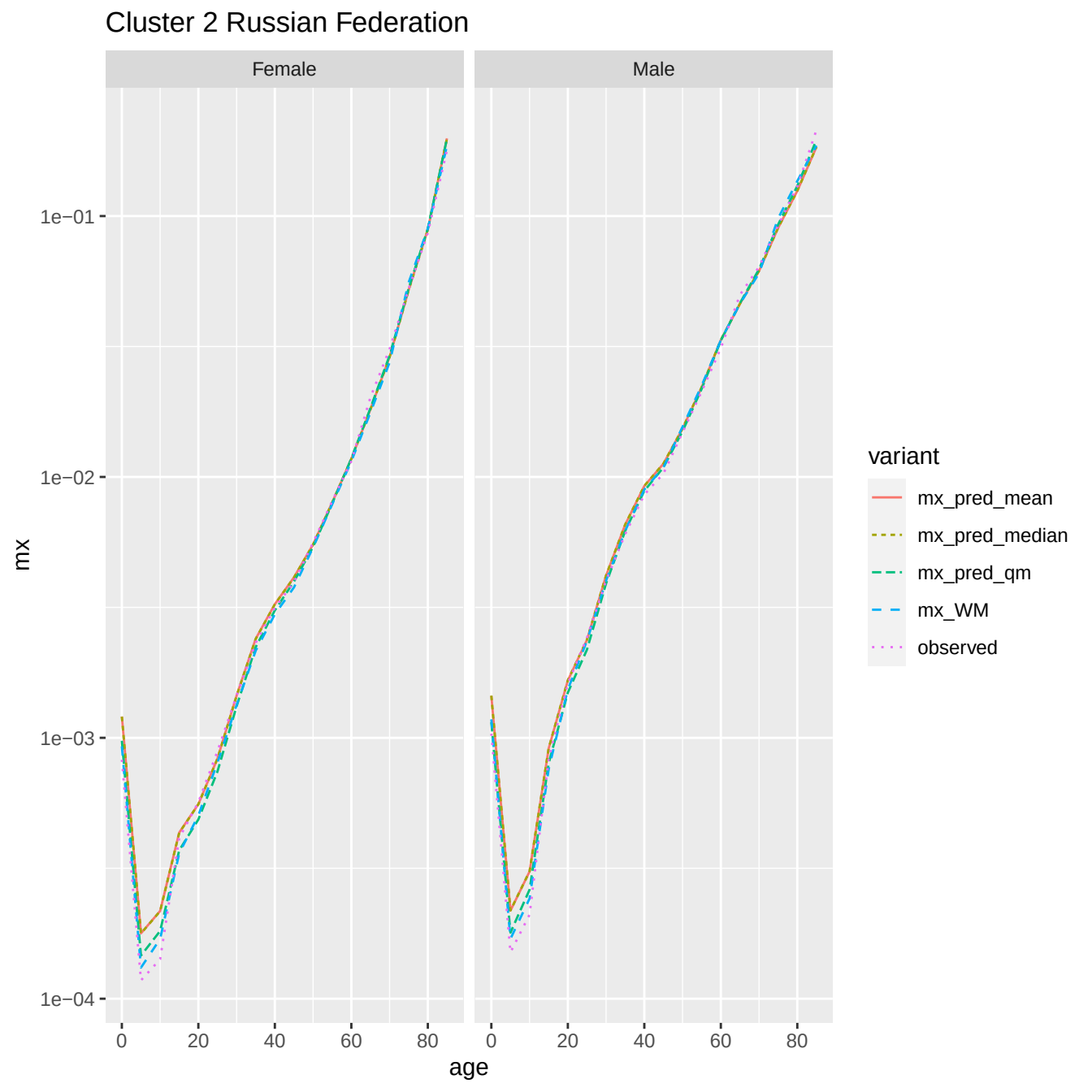

Cluster 2 Lithuania
Female
Male
1e−01
1e−02
1e−03
1e−04
mx
0
20
40
60
80
age
variant
mx_pred_mean
mx_pred_median
mx_pred_qm
mx_WM
observed

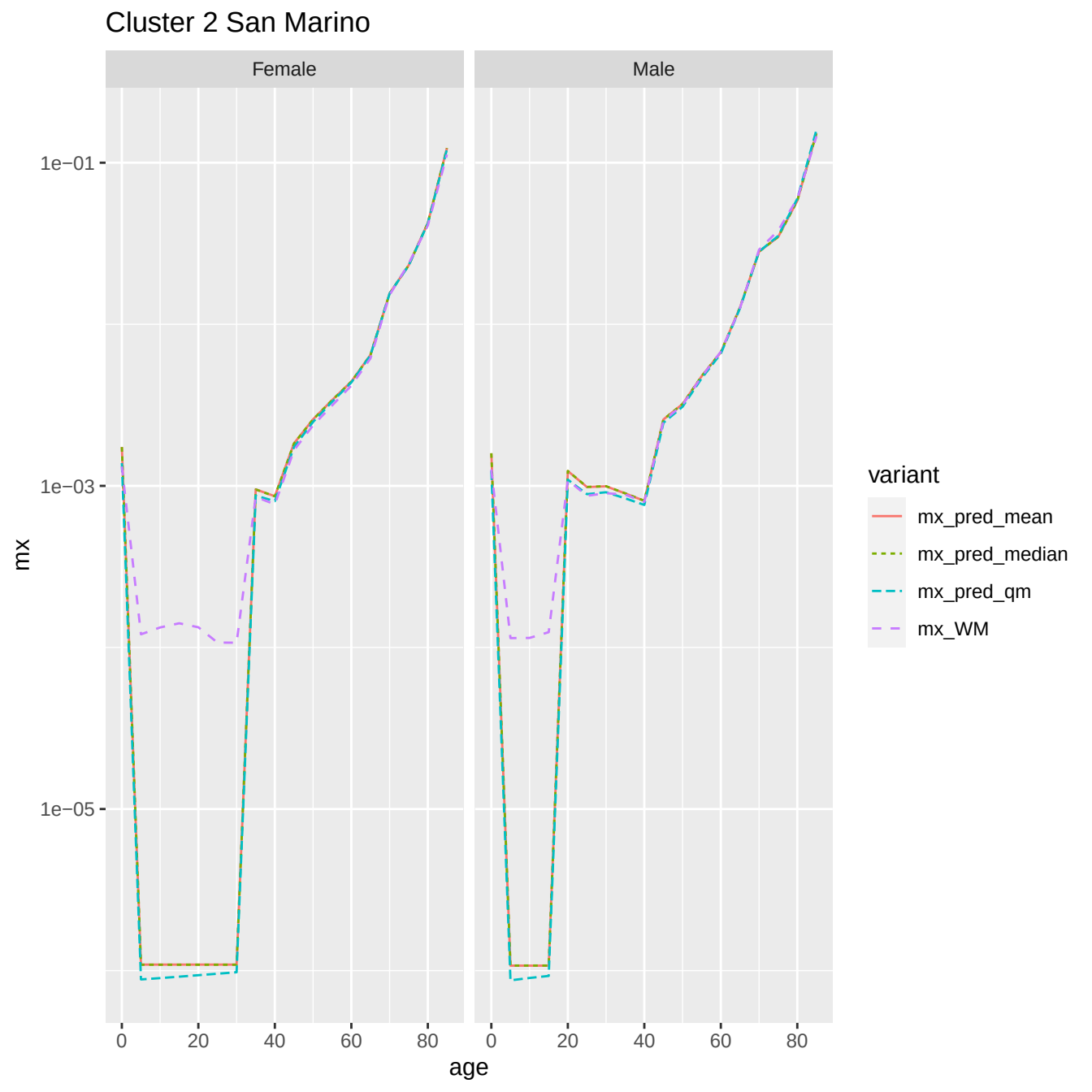

Cluster 2 Republic of Moldova
Female
Male
1e−01
1e−02
1e−03
1e−04
mx
0
20
40
60
80
age
variant
mx_pred_mean
mx_pred_median
mx_pred_qm
mx_WM
observed

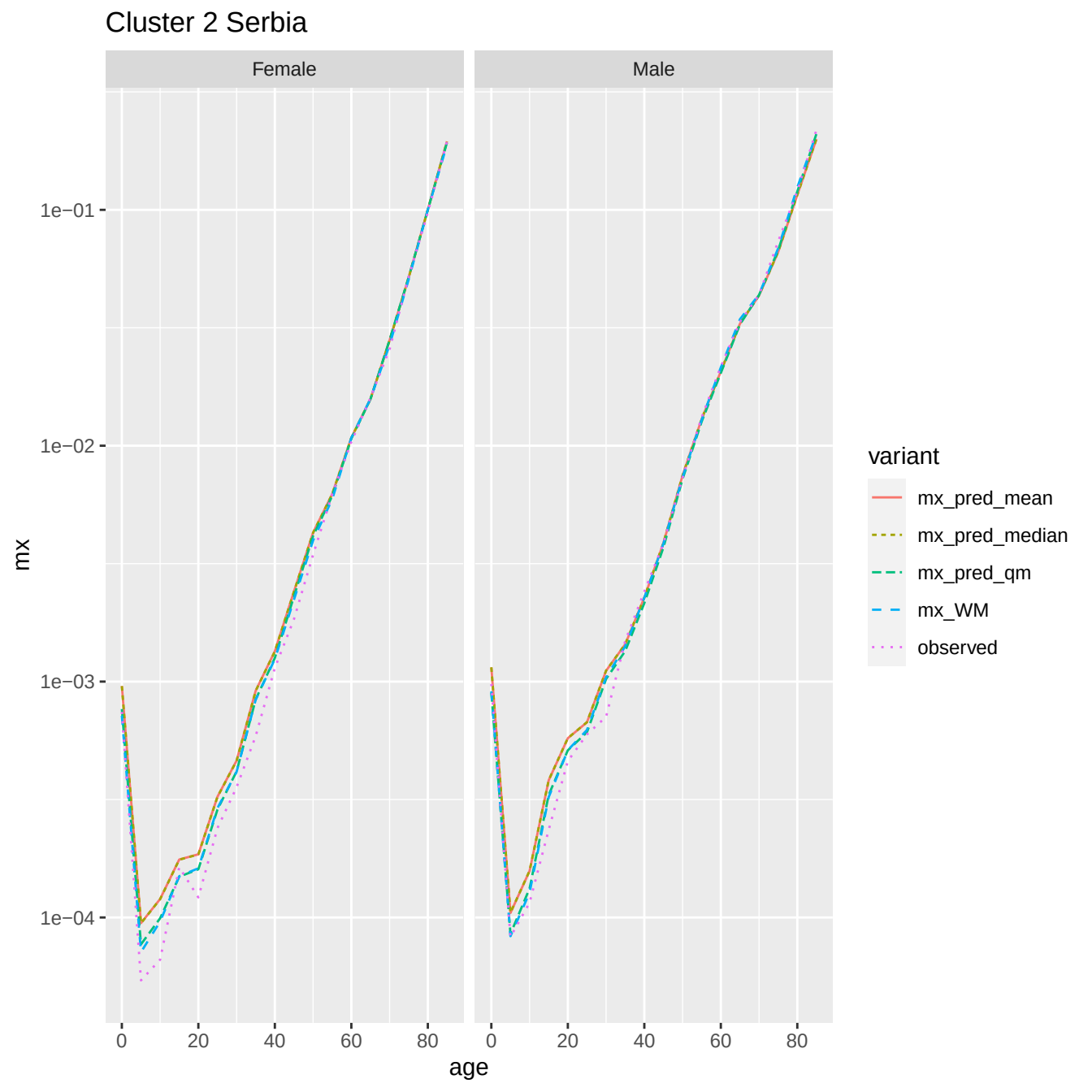

Cluster 2 North Macedonia
Female
Male
mx
1e−01
1e−02
1e−03
1e−04
0
20
40
60
80
age
variant
mx_pred_mean
mx_pred_median
mx_pred_qm
mx_WM

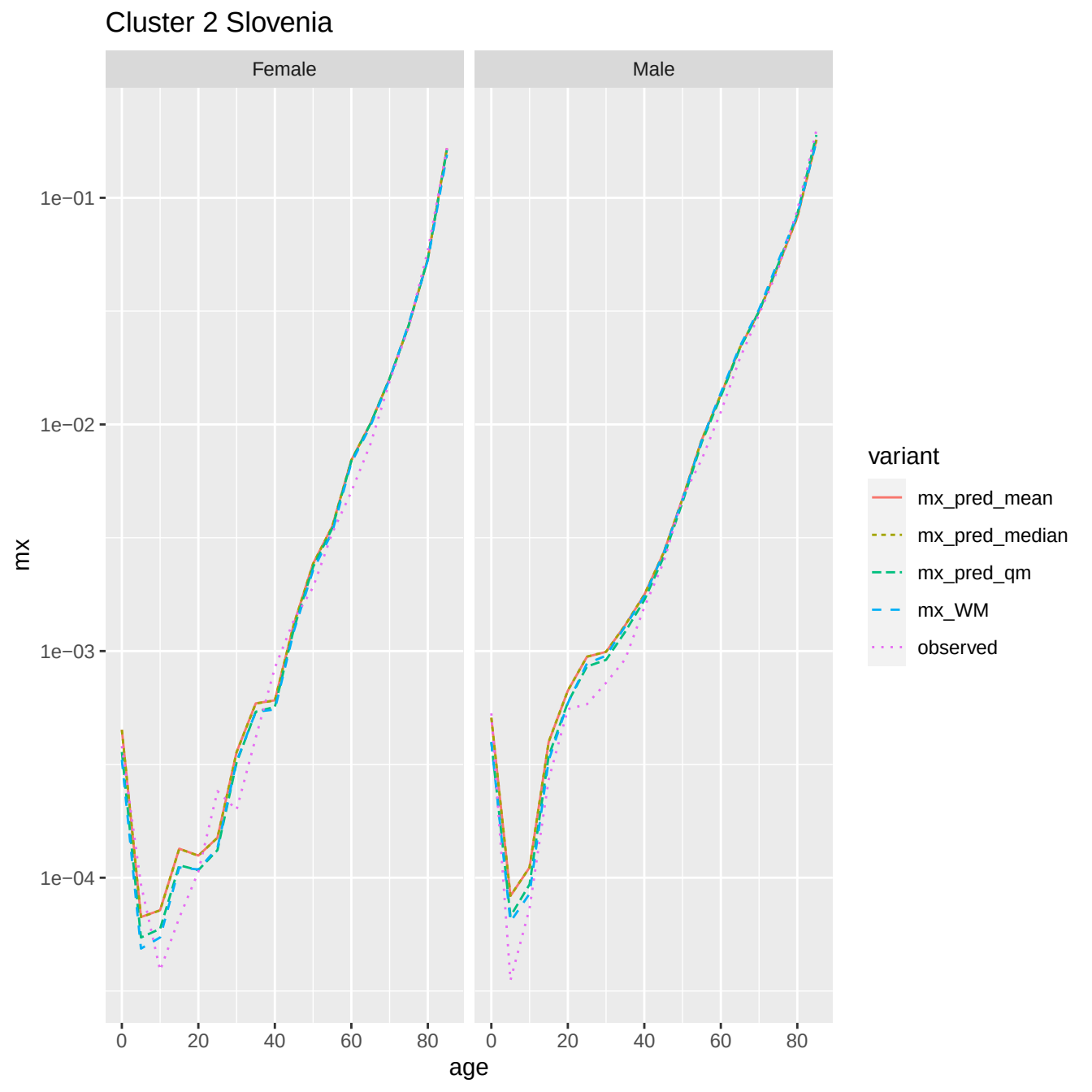

Cluster 2 Poland
Female
Male
1e−01
1e−02
1e−03
1e−04
mx
0
20
40
60
80
age
variant
mx_pred_mean
mx_pred_median
mx_pred_qm
mx_WM
observed

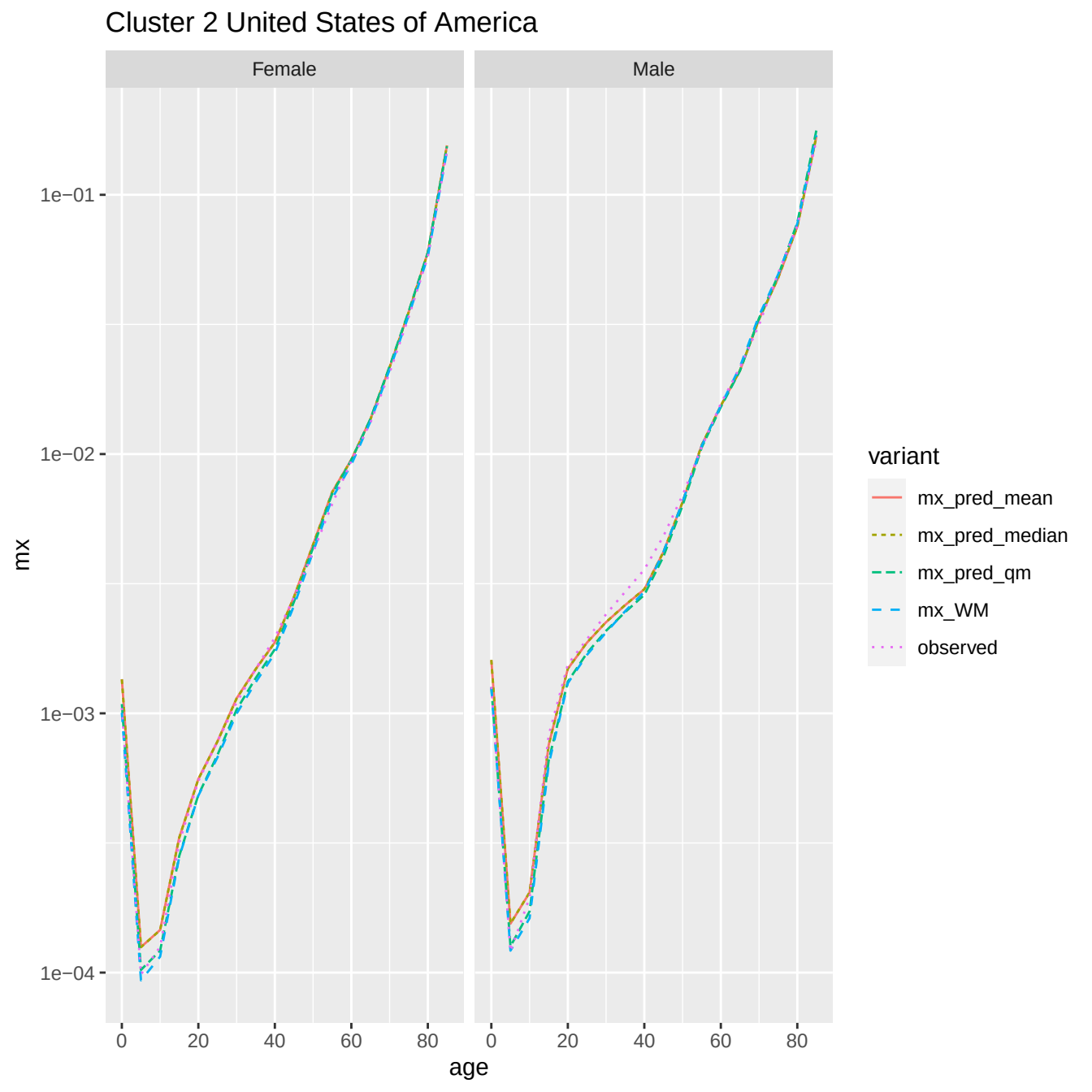

Cluster 2 Romania
Female
Male
1e−01
1e−02
1e−03
1e−04
mx
0
20
40
60
80
age
variant
mx_pred_mean
mx_pred_median
mx_pred_qm
mx_WM
observed

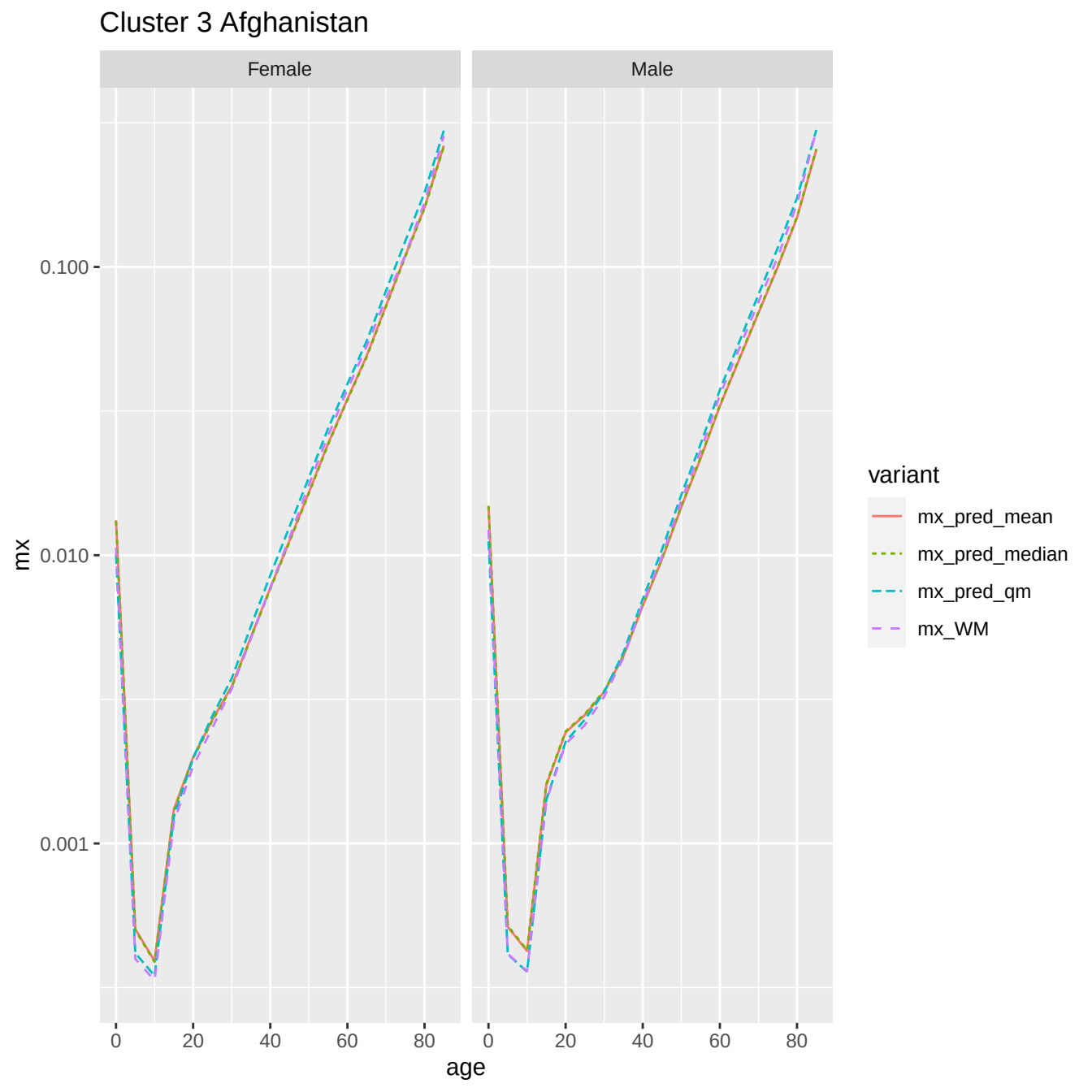

Cluster 2 Russian Federation
Female
Male
1e−01
1e−02
1e−03
1e−04
mx
0
20
40
60
80
age
variant
mx_pred_mean
mx_pred_median
mx_pred_qm
mx_WM
observed

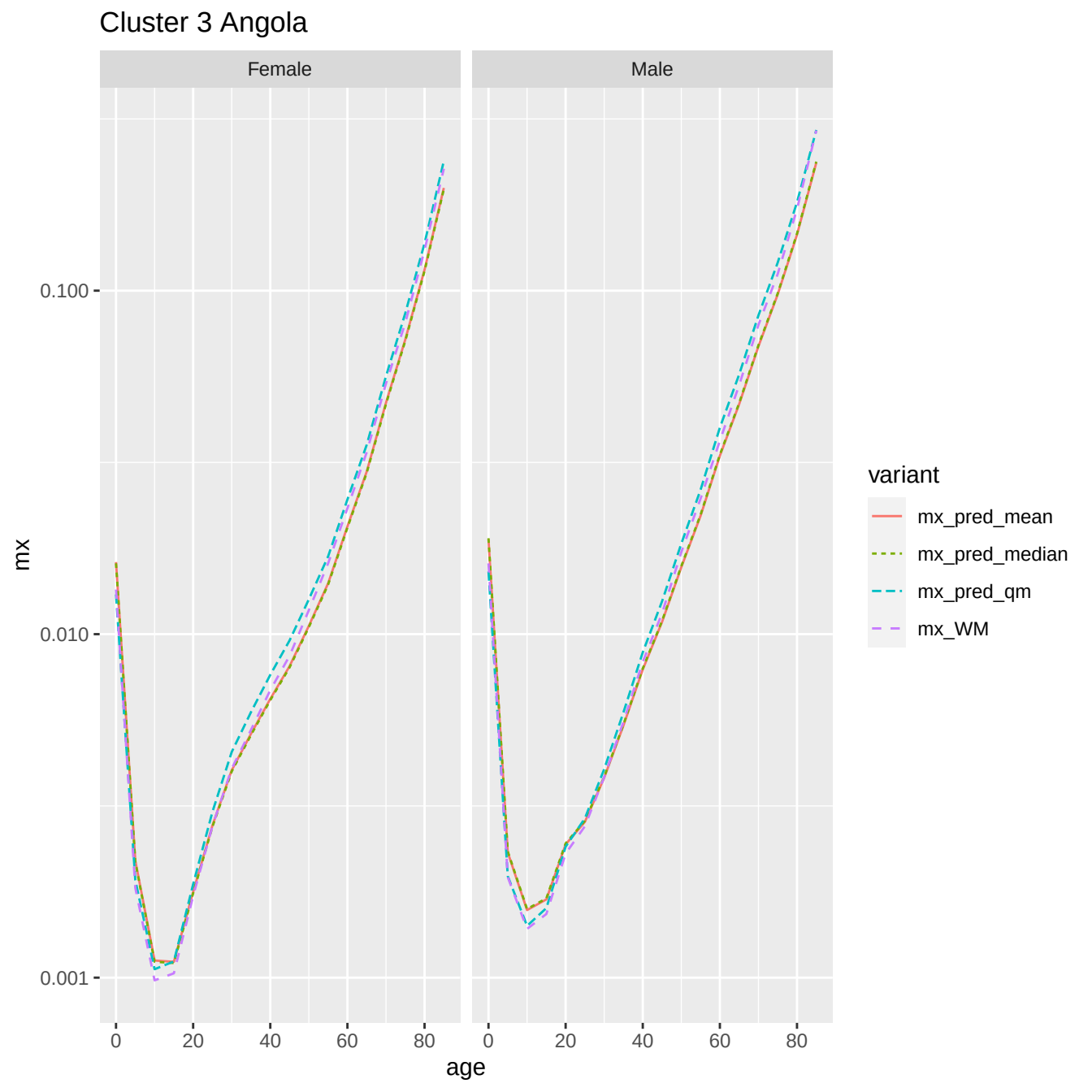

Cluster 2 San Marino
Female
Male
1e−01
1e−03
1e−05
mx
0
20
40
60
80
age
variant
mx_pred_mean
mx_pred_median
mx_pred_qm
mx_WM

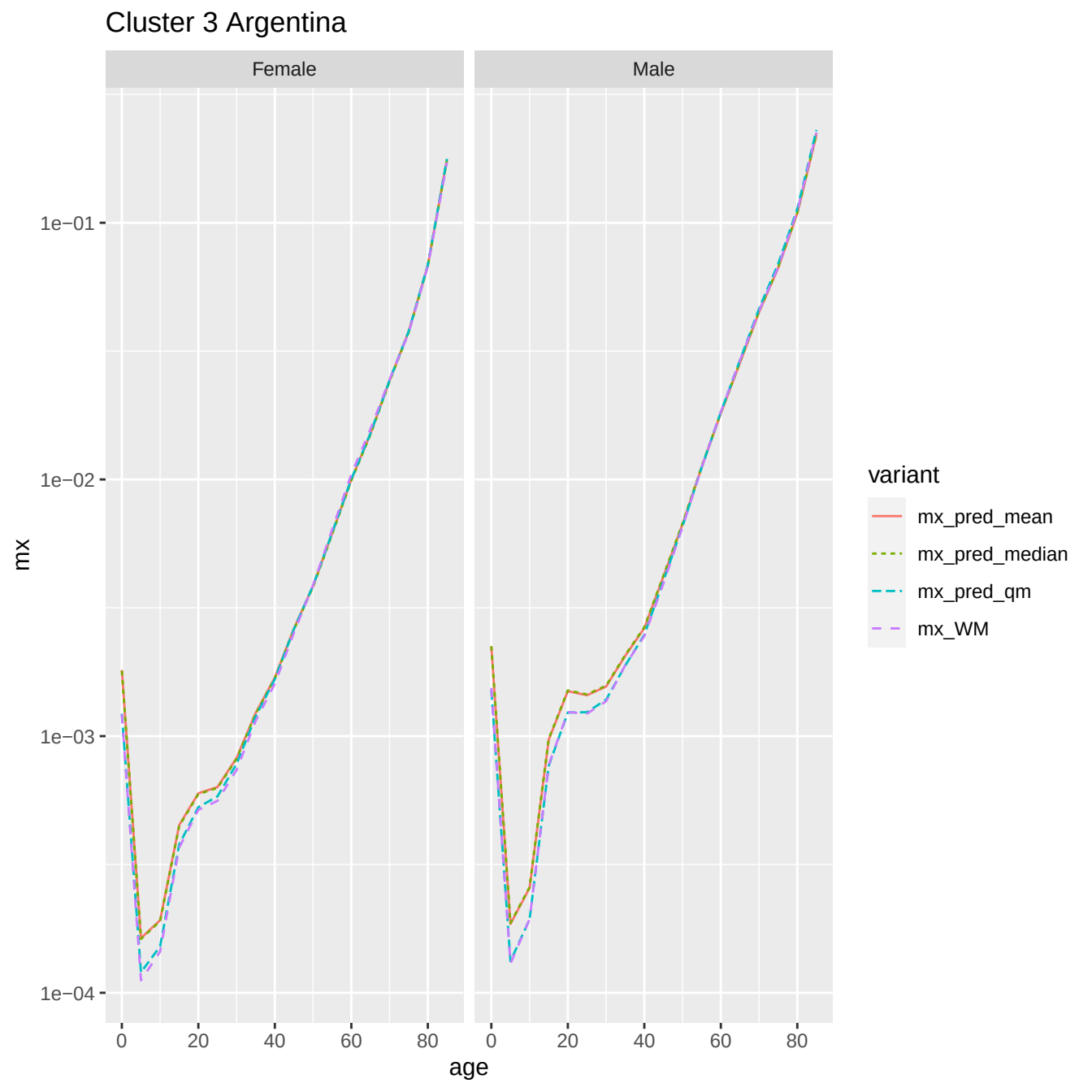

Cluster 2 Serbia
Female
Male
1e−01
1e−02
1e−03
1e−04
mx
0
20
40
60
80
age
variant
mx_pred_mean
mx_pred_median
mx_pred_qm
mx_WM
observed

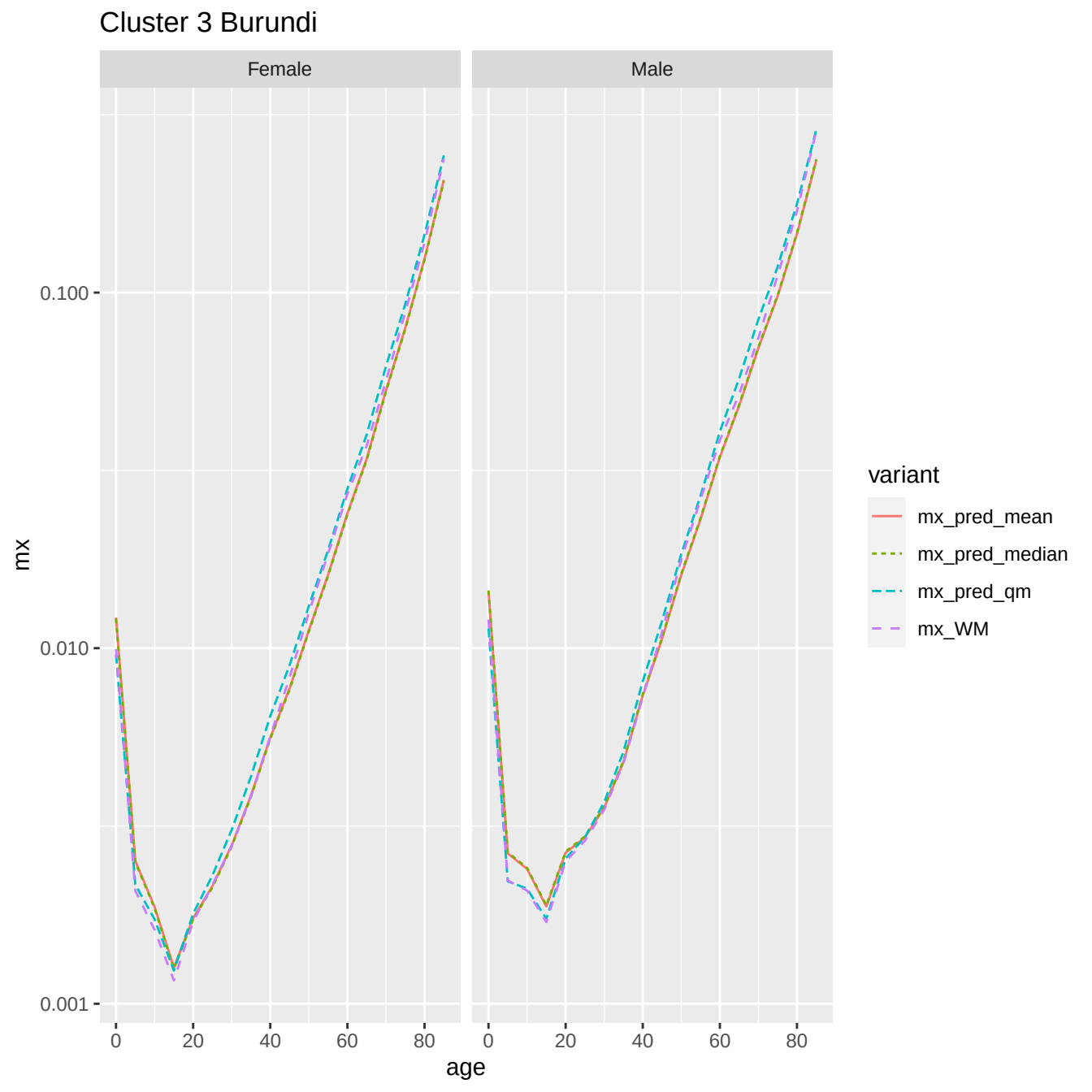

Cluster 2 Slovenia
Female
Male
1e−01
1e−02
1e−03
1e−04
mx
0
20
40
60
80
age
variant
mx_pred_mean
mx_pred_median
mx_pred_qm
mx_WM
observed

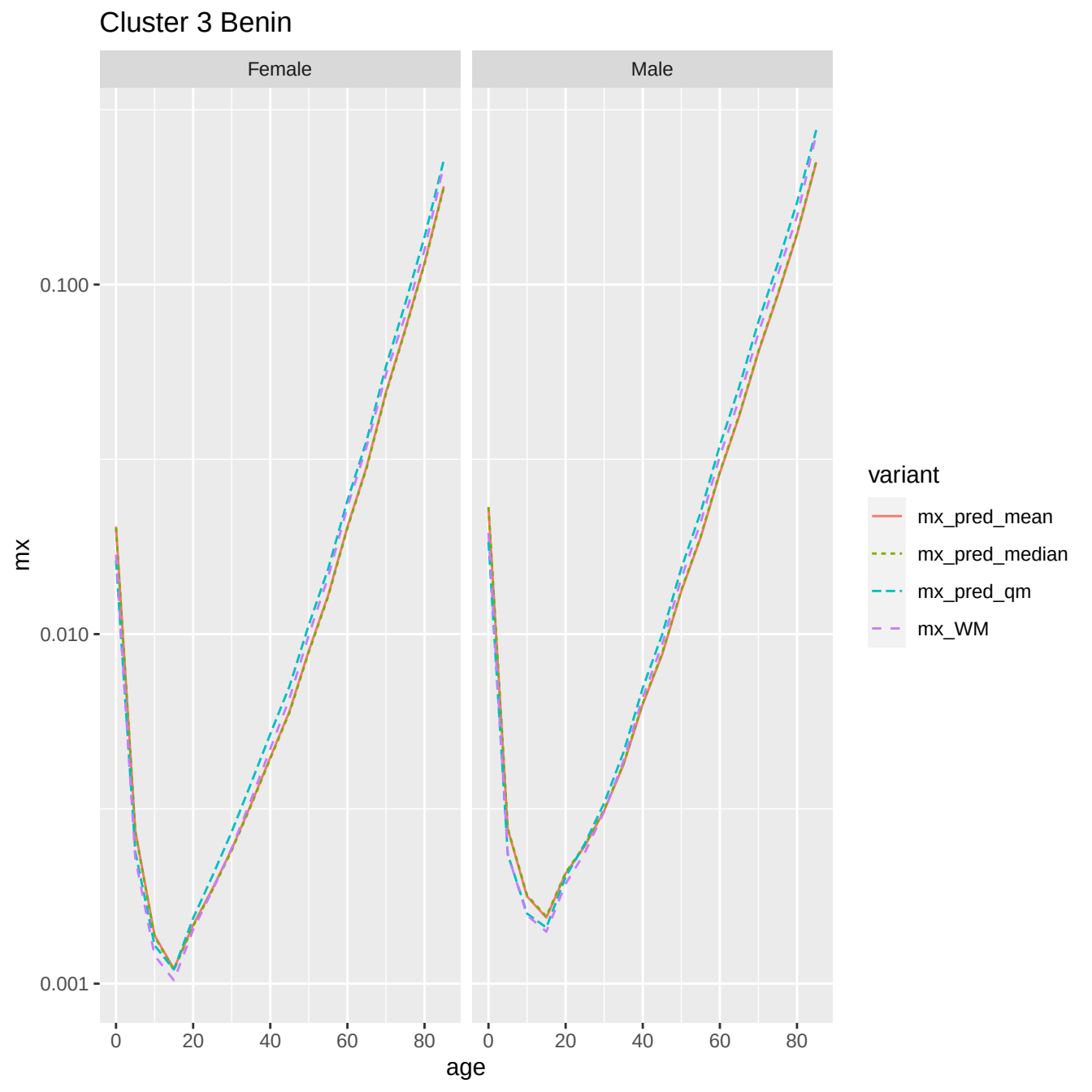

Cluster 2 United States of America
Female
Male
mx
1e−01
1e−02
1e−03
1e−04
0
20
40
60
80
age
variant
mx_pred_mean
mx_pred_median
mx_pred_qm
mx_WM
observed

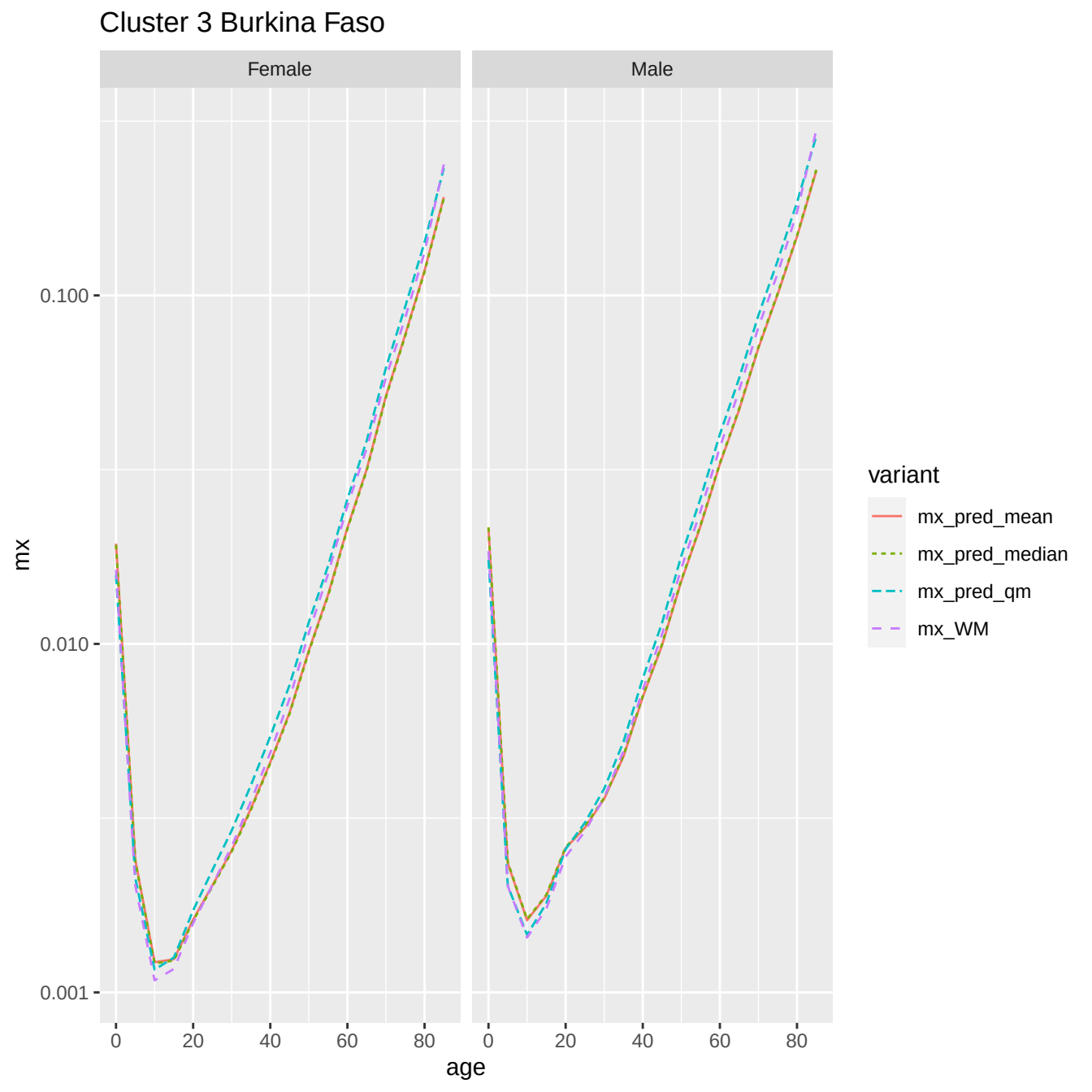

Cluster 3 Afghanistan
Female
Male
0.100
0.010
0.001
mx
0
20
40
60
80
age
variant
mx_pred_mean
mx_pred_median
mx_pred_qm
mx_WM

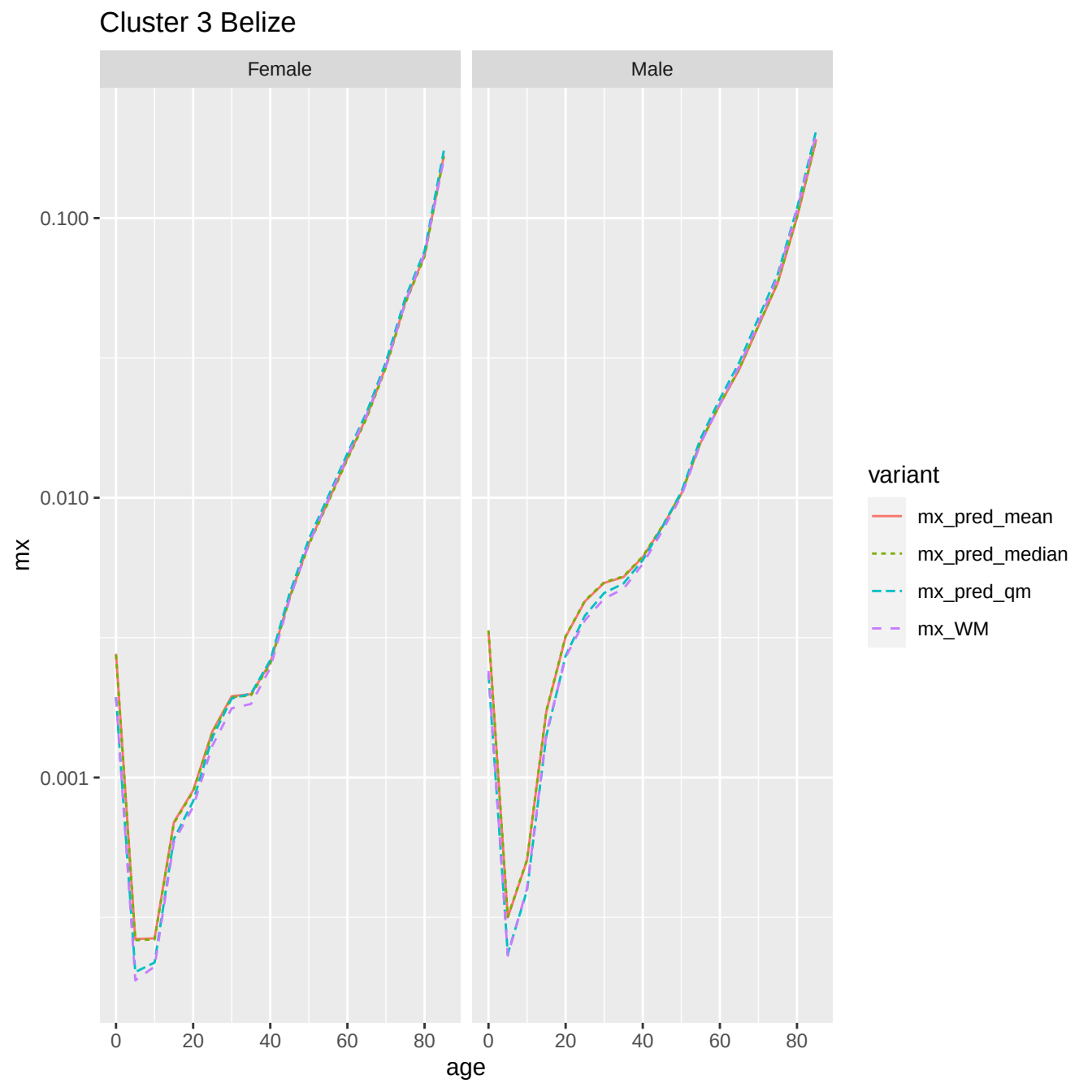

Cluster 3 Angola
Female
Male
0.100
0.010
0.001
mx
0
20
40
60
80
age
variant
mx_pred_mean
mx_pred_median
mx_pred_qm
mx_WM

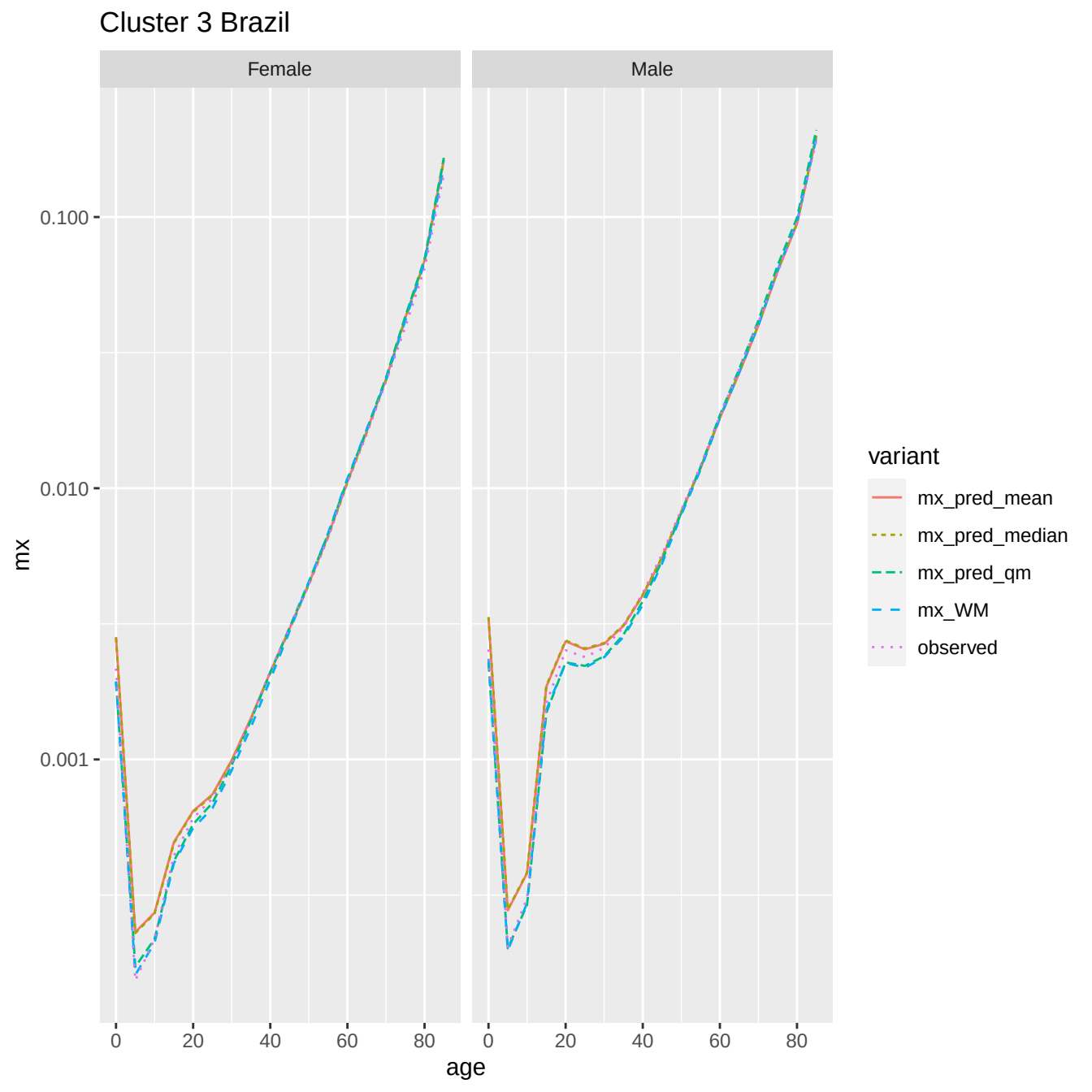

Cluster 3 Argentina
Female
Male
1e−01
1e−02
1e−03
1e−04
mx
0
20
40
60
80
age
variant
mx_pred_mean
mx_pred_median
mx_pred_qm
mx_WM

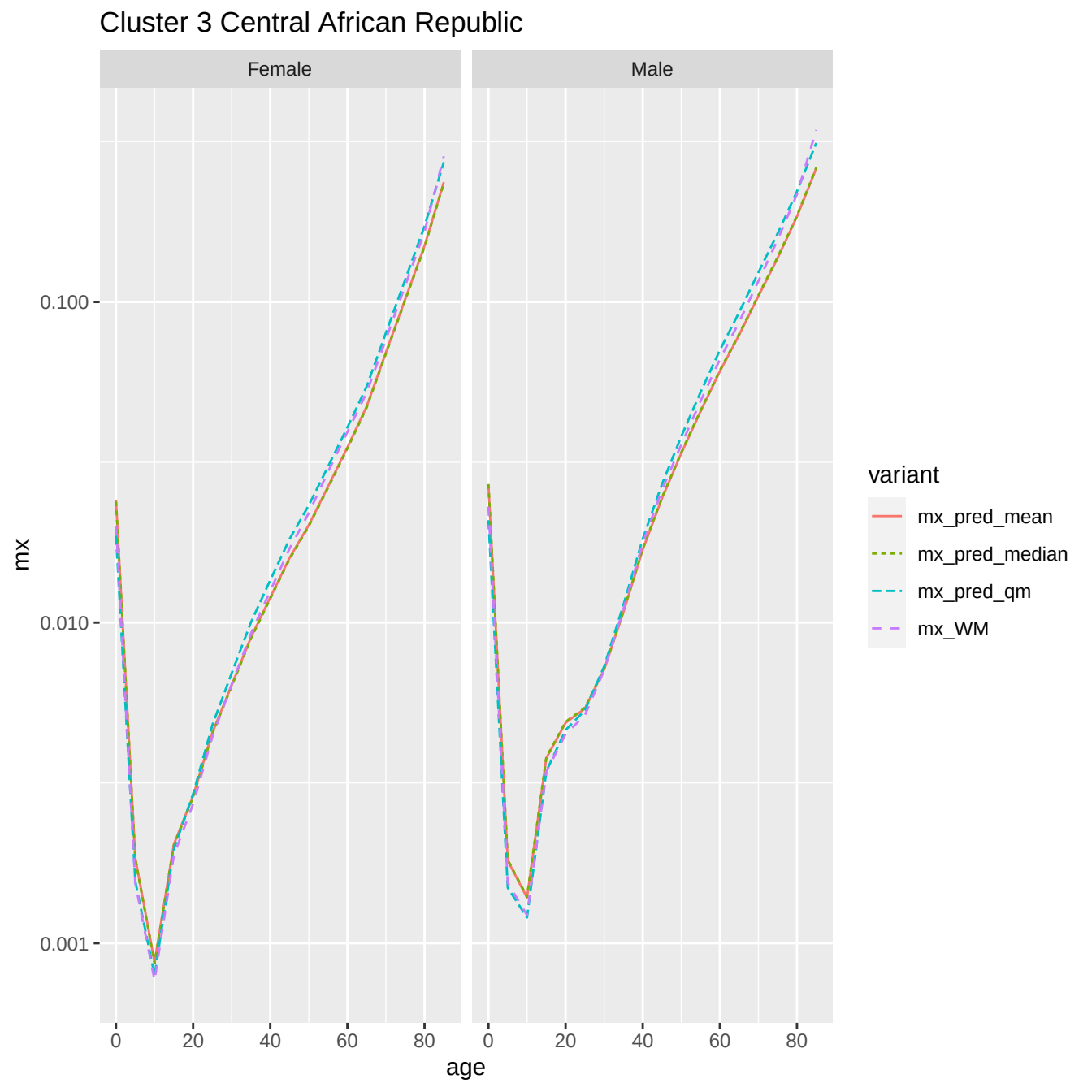

Cluster 3 Burundi
Female
Male
mx
0.100
0.010
0.001
0
20
40
60
80
age
variant
mx_pred_mean
mx_pred_median
mx_pred_qm
mx_WM

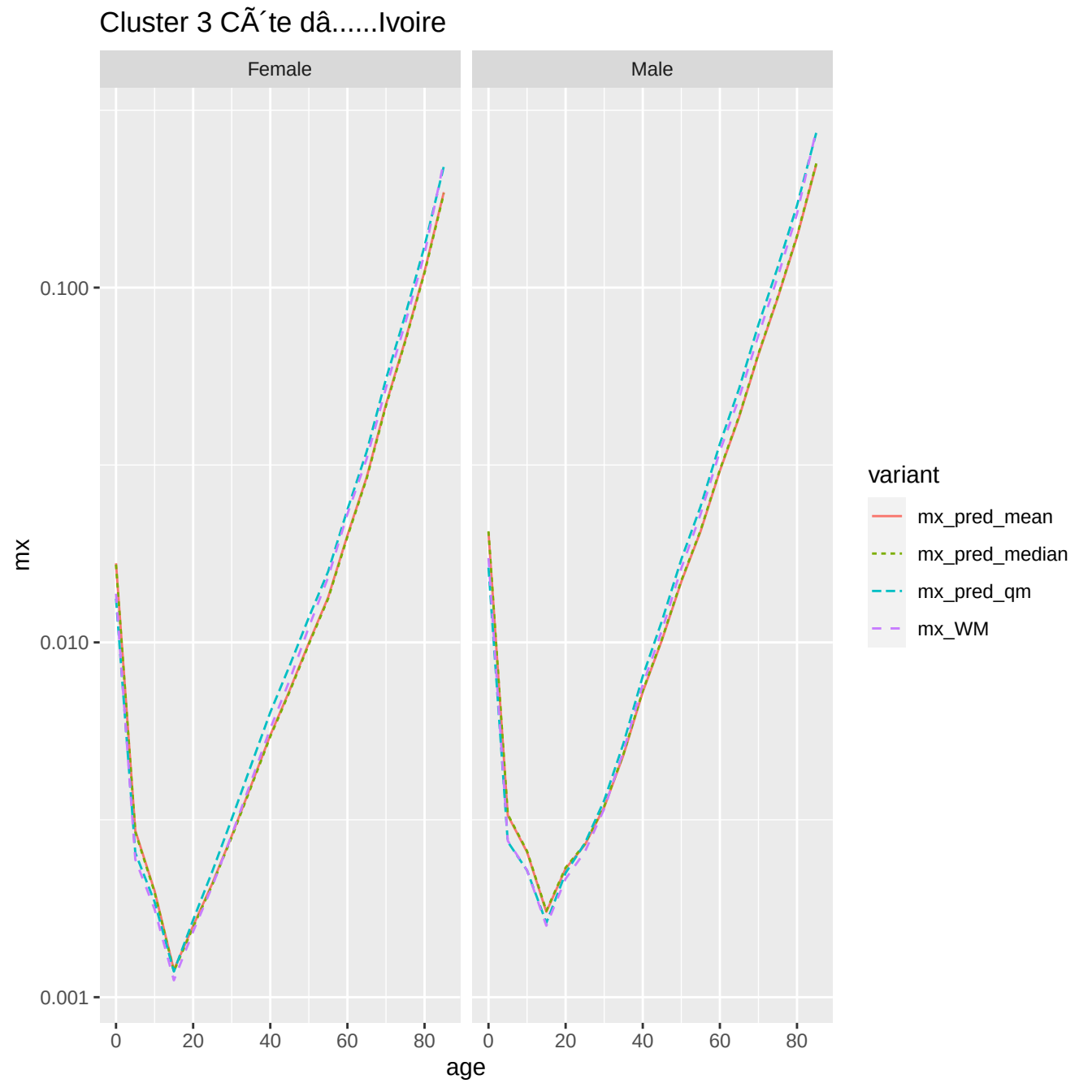

Cluster 3 Benin
Female
Male
0.100
0.010
0.001
mx
0
20
40
60
80
age
variant
mx_pred_mean
mx_pred_median
mx_pred_qm
mx_WM

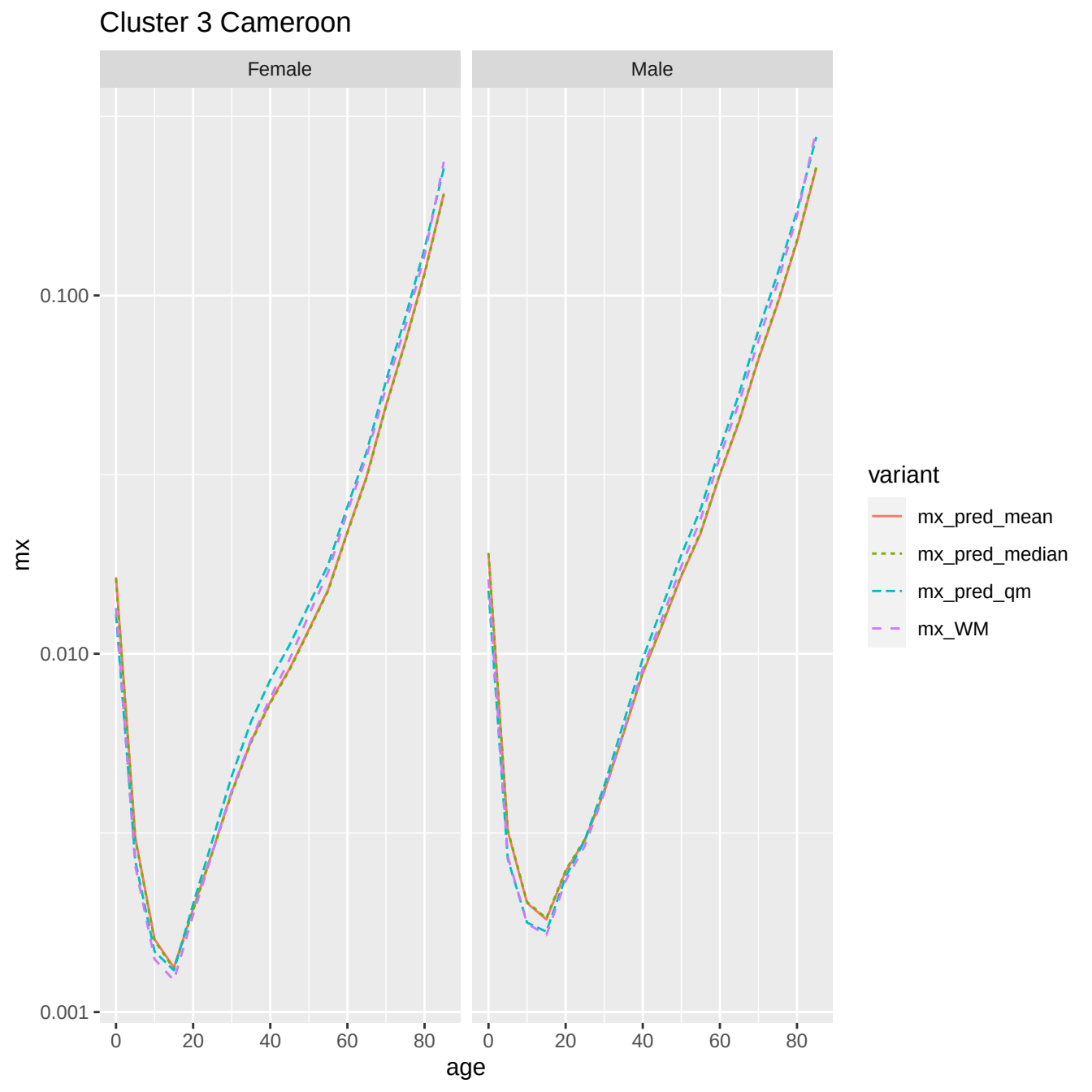

Cluster 3 Burkina Faso
Female
Male
0.100
0.010
0.001
mx
0
20
40
60
80
age
variant
mx_pred_mean
mx_pred_median
mx_pred_qm
mx_WM

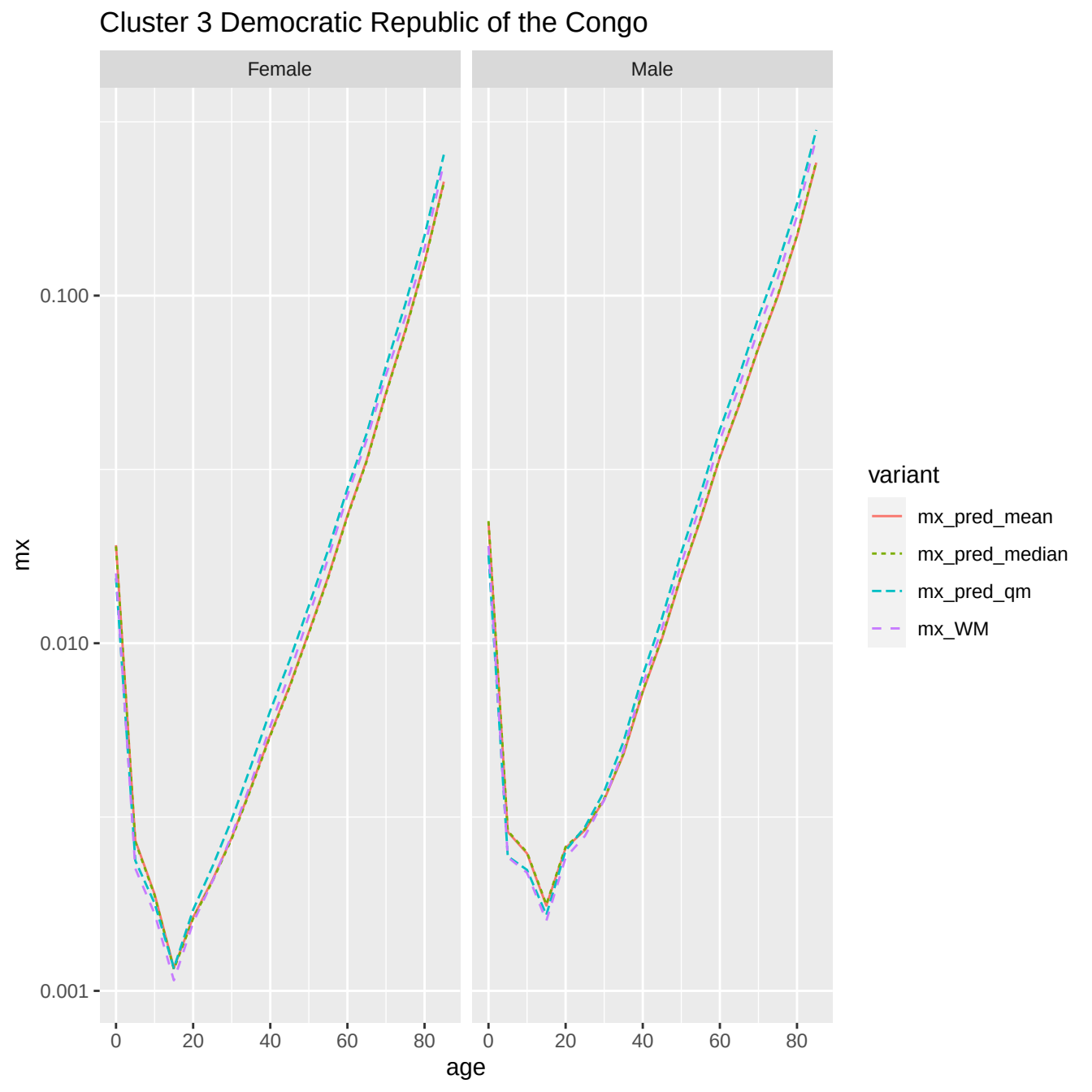

Cluster 3 Belize
Female
Male
0.100
0.010
0.001
mx
0
20
40
60
80
age
variant
mx_pred_mean
mx_pred_median
mx_pred_qm
mx_WM

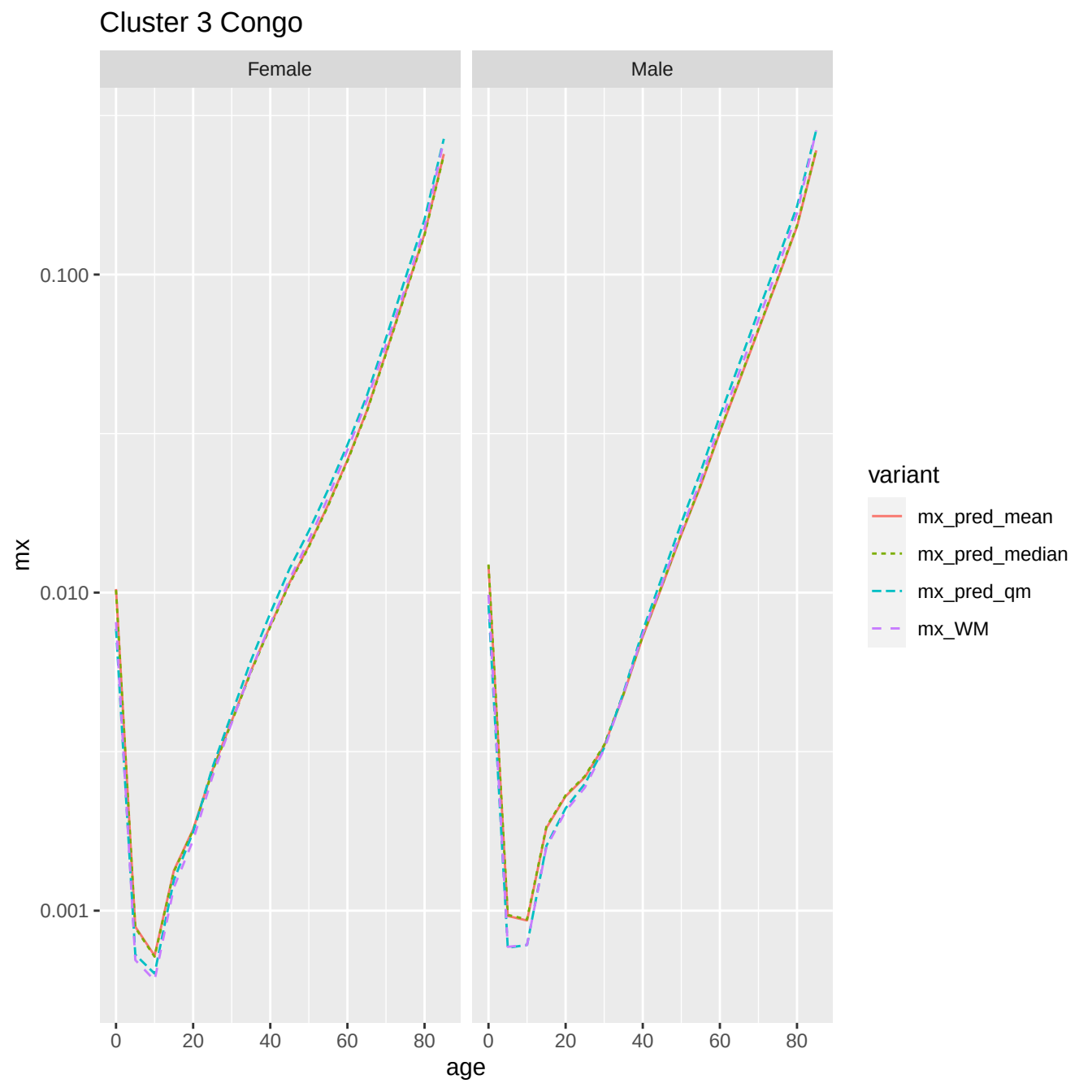

Cluster 3 Brazil
Female
Male
0.100
0.010
0.001
mx
0
20
40
60
80
age
variant
mx_pred_mean
mx_pred_median
mx_pred_qm
mx_WM
observed

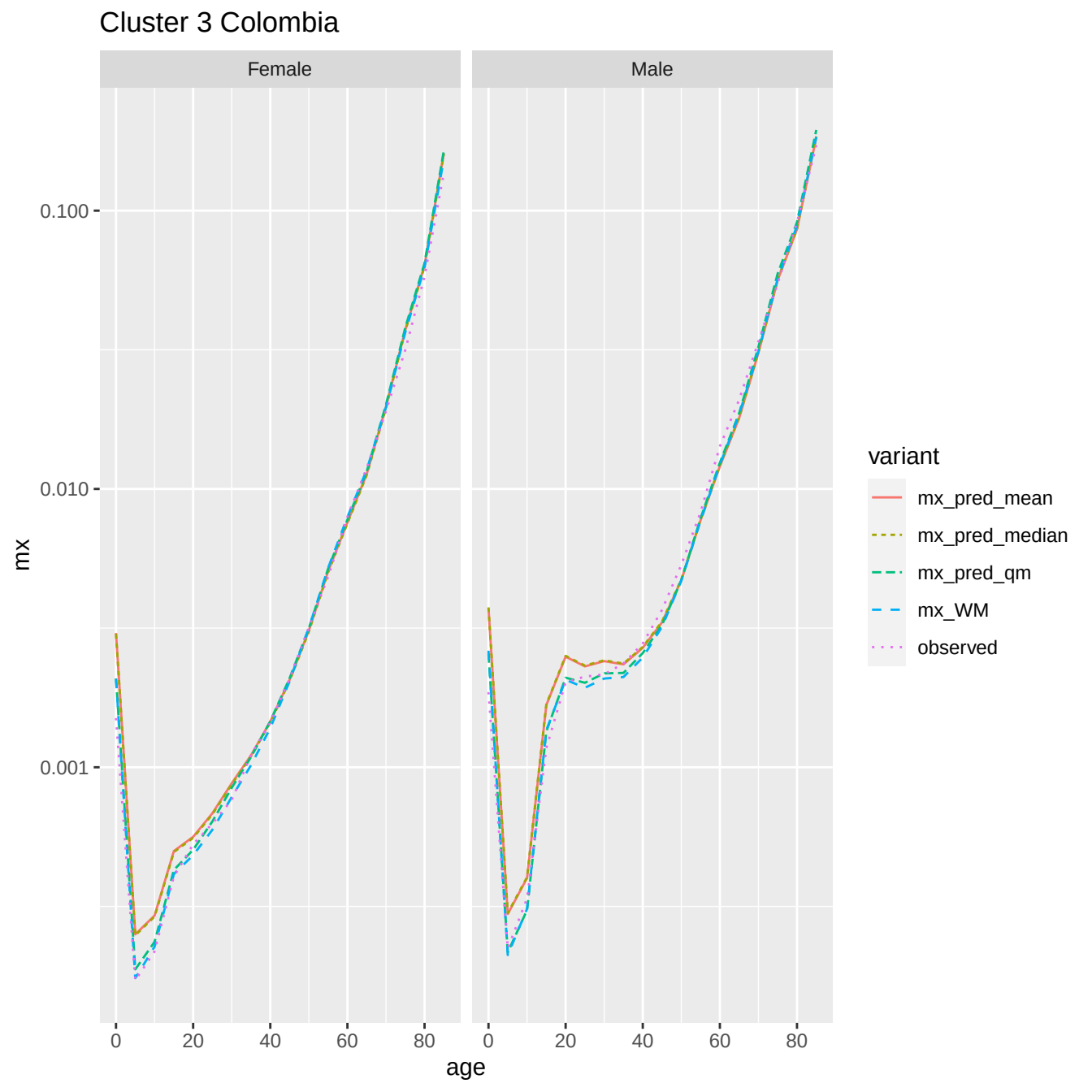

Cluster 3 Central African Republic
Female
Male
mx
0.100
0.010
0.001
0
20
40
60
80
age
variant
mx_pred_mean
mx_pred_median
mx_pred_qm
mx_WM

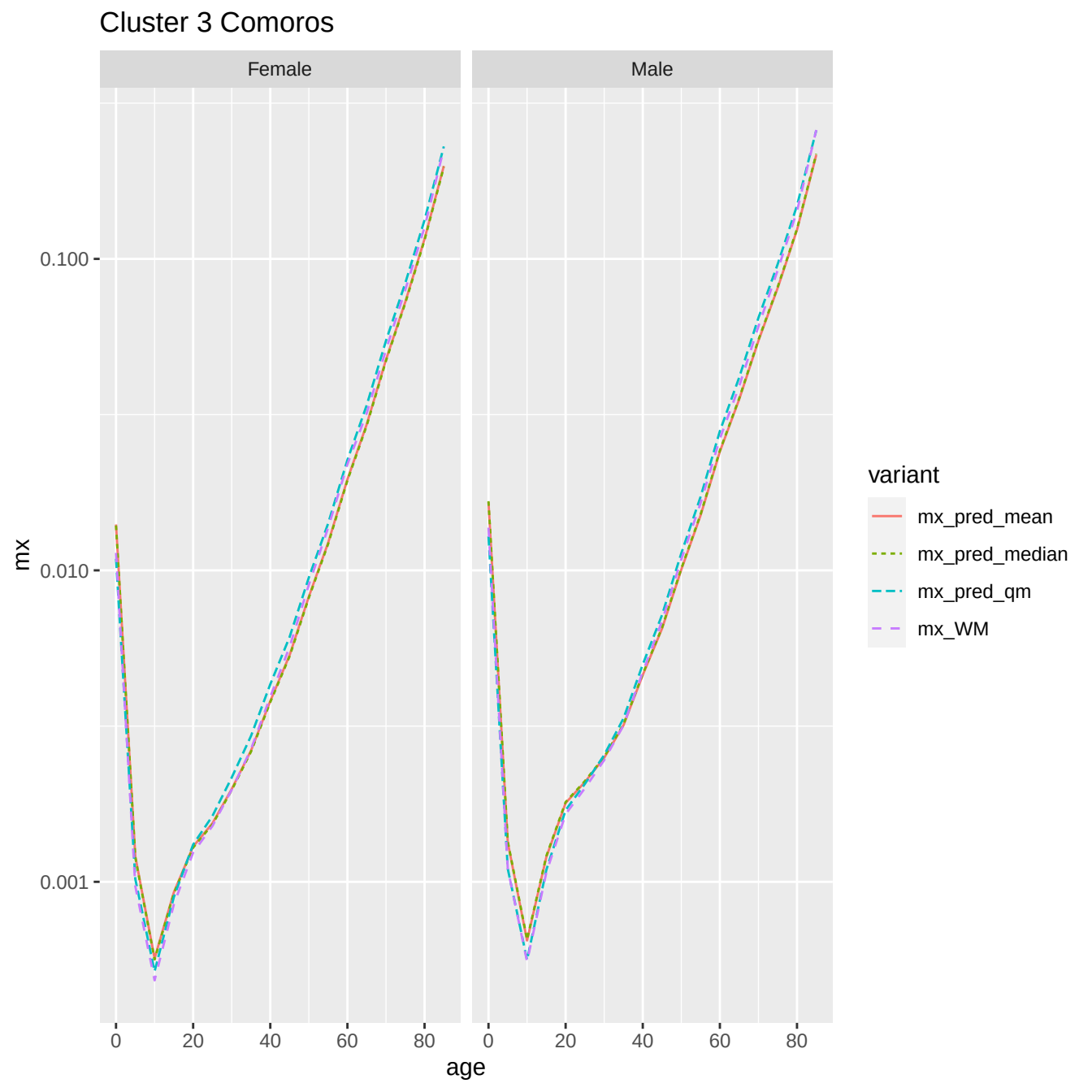

Cluster 3 CÃ´te dâ.....Ivoire
Female
Male
0.100
0.010
0.001
mx
0
20
40
60
80
age
variant
mx_pred_mean
mx_pred_median
mx_pred_qm
mx_WM

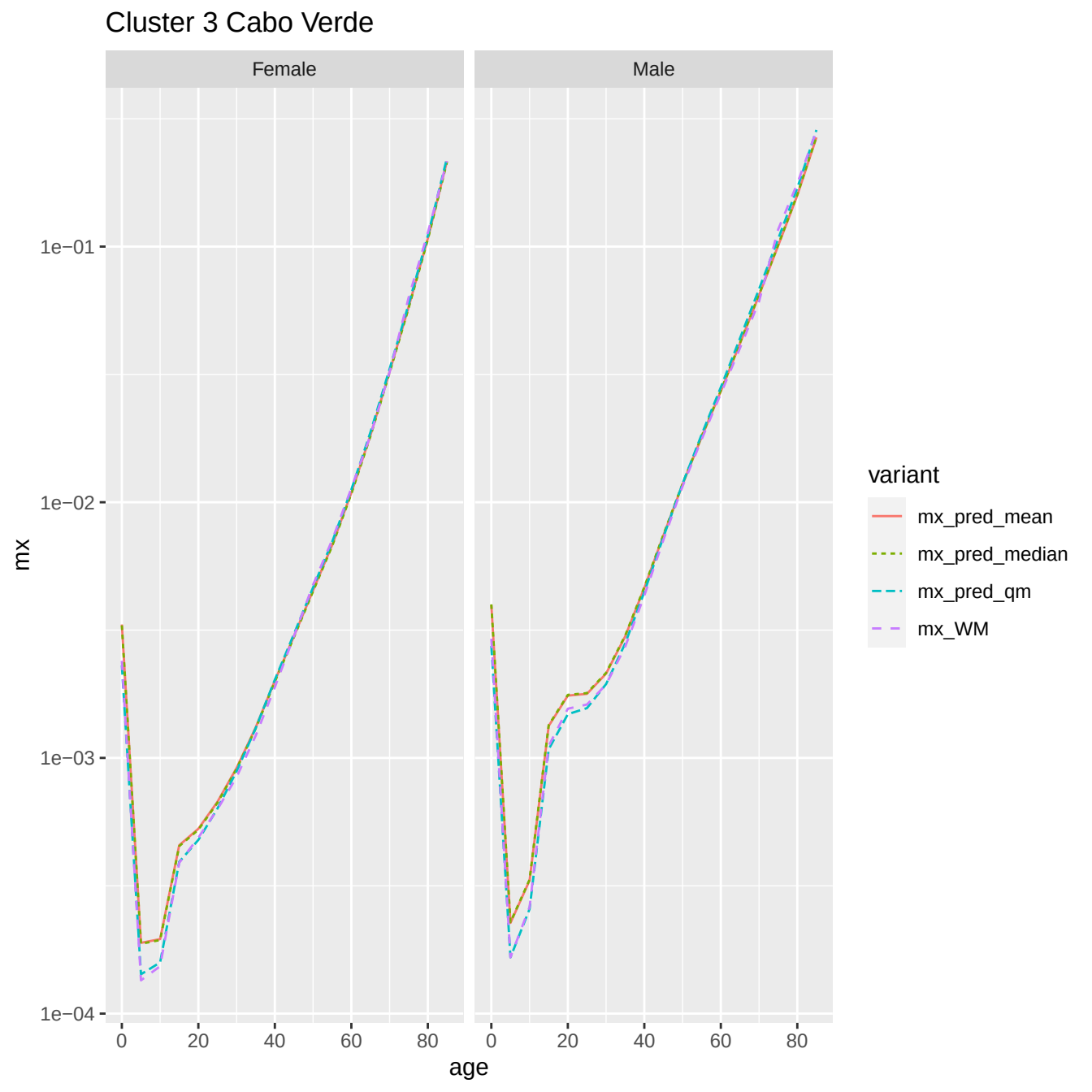

Cluster 3 Cameroon
Female
Male
mx
0.100
0.010
0.001
0
20
40
60
80
age
variant
mx_pred_mean
mx_pred_median
mx_pred_qm
mx_WM

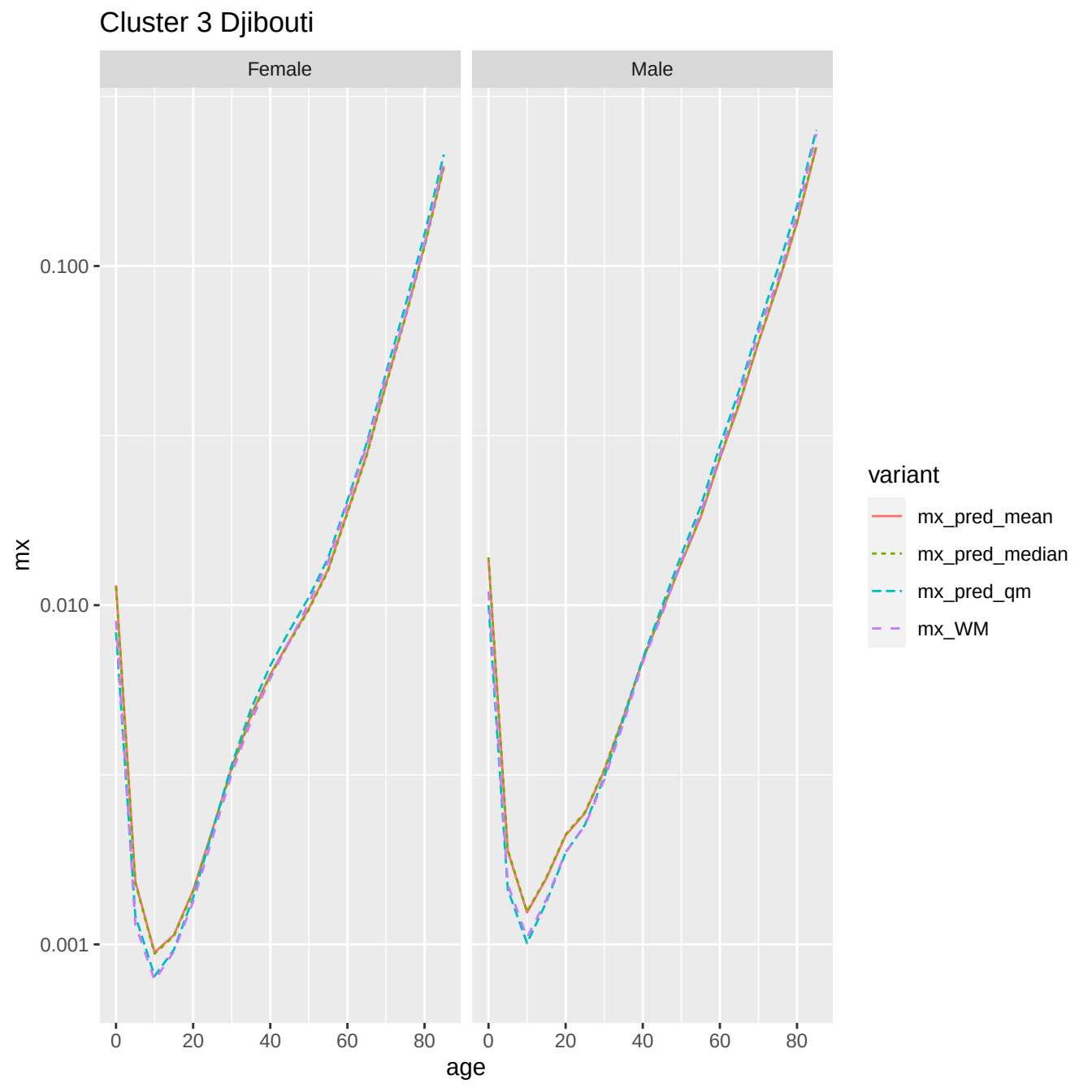

Cluster 3 Democratic Republic of the Congo
Female
Male
mx
0.100
0.010
0.001
0
20
40
60
80
age
variant
mx_pred_mean
mx_pred_median
mx_pred_qm
mx_WM

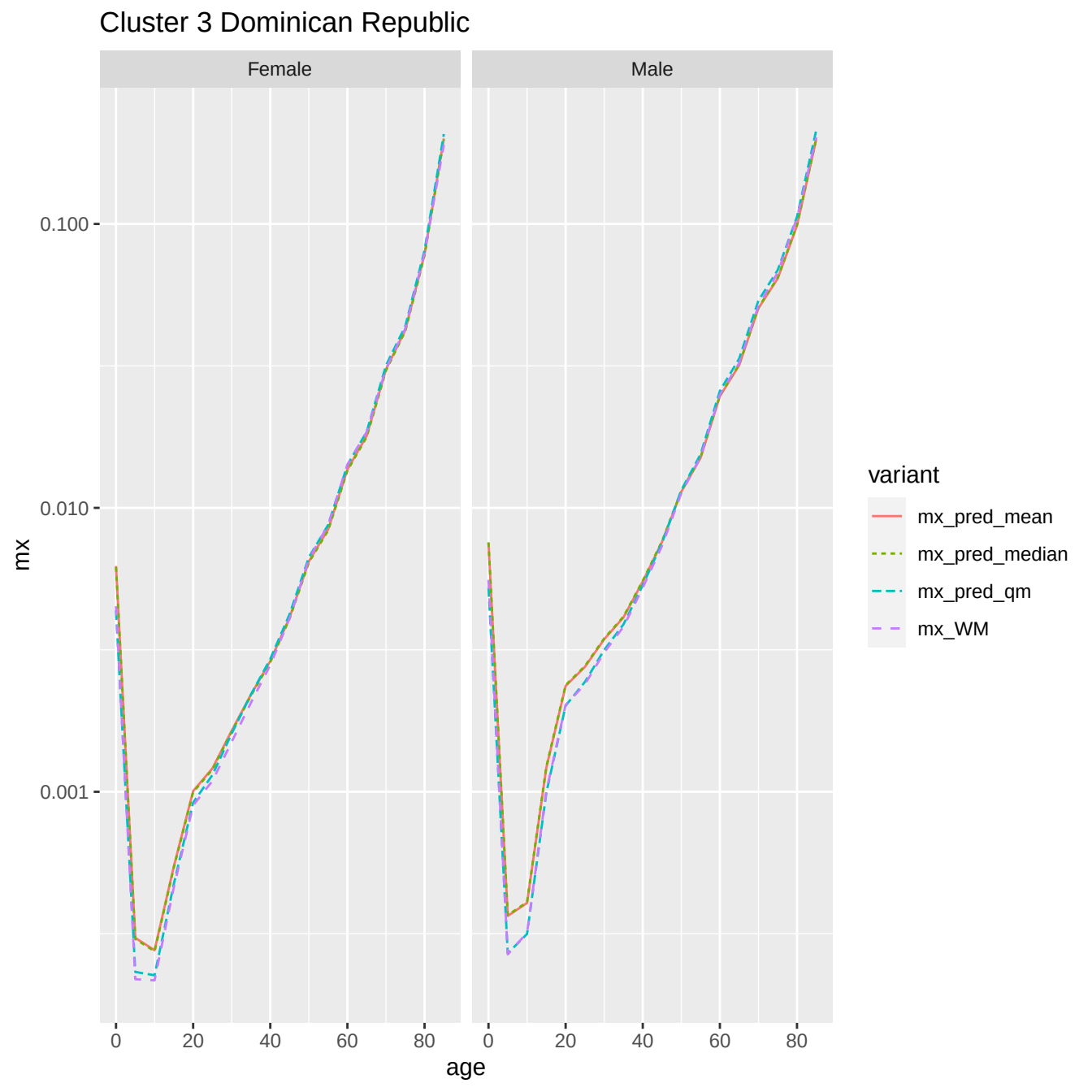

Cluster 3 Congo
Female
Male
0.100
0.010
0.001
mx
0
20
40
60
80
age
variant
mx_pred_mean
mx_pred_median
mx_pred_qm
mx_WM

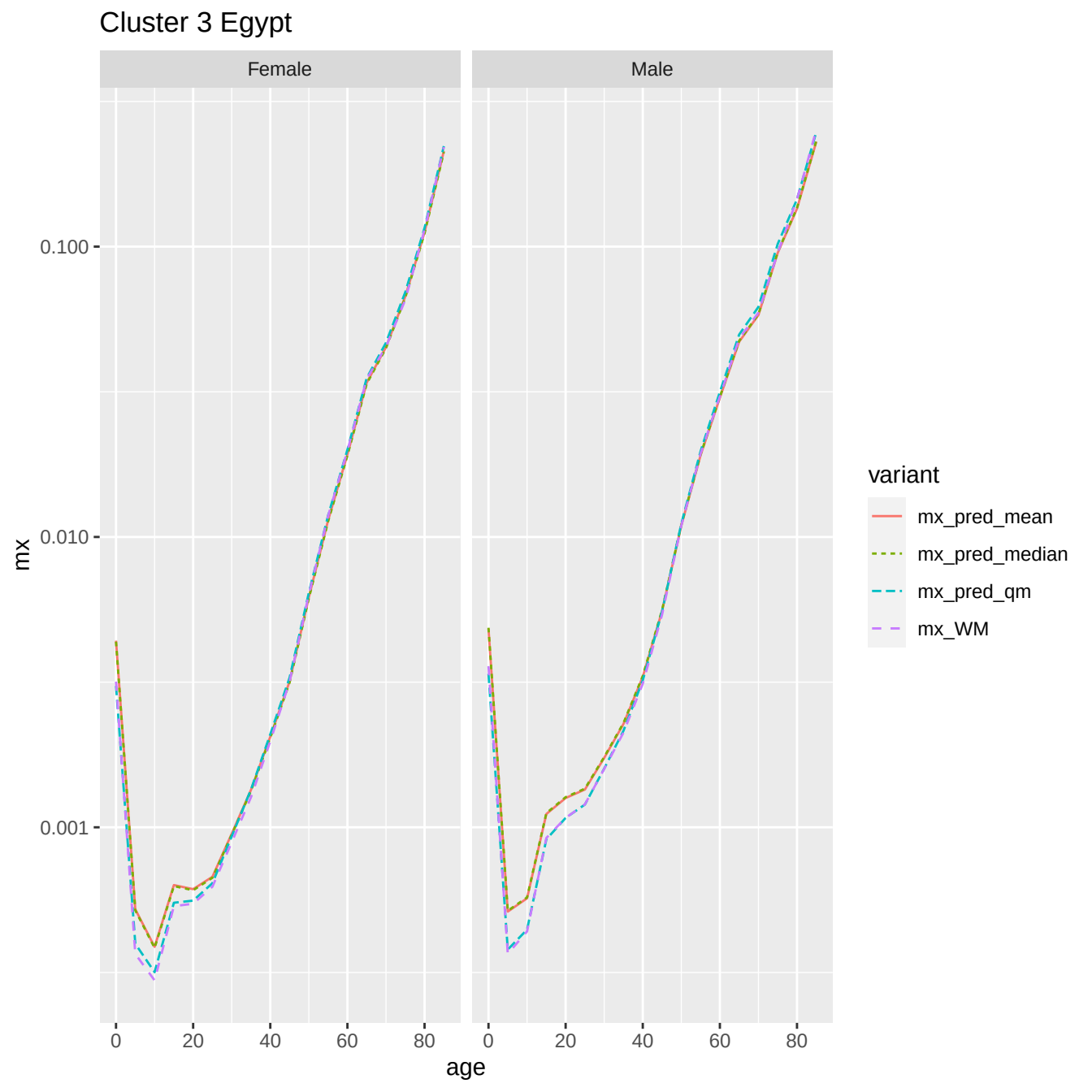

Cluster 3 Colombia
Female
Male
0.100
0.010
0.001
mx
0
20
40
60
80
age
variant
mx_pred_mean
mx_pred_median
mx_pred_qm
mx_WM
observed

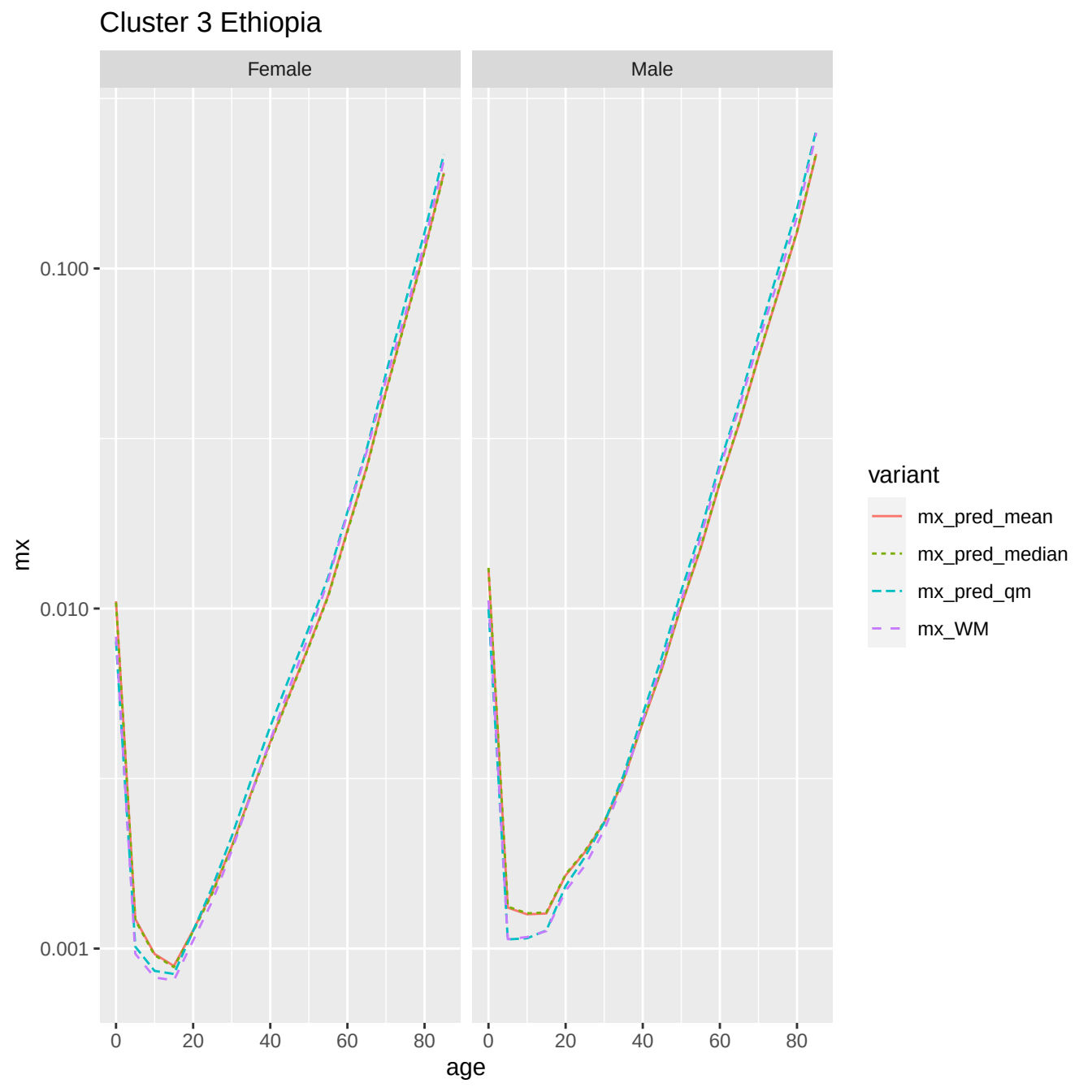

Cluster 3 Comoros
Female
Male
mx
0.100
0.010
0.001
0
20
40
60
80
age
variant
mx_pred_mean
mx_pred_median
mx_pred_qm
mx_WM

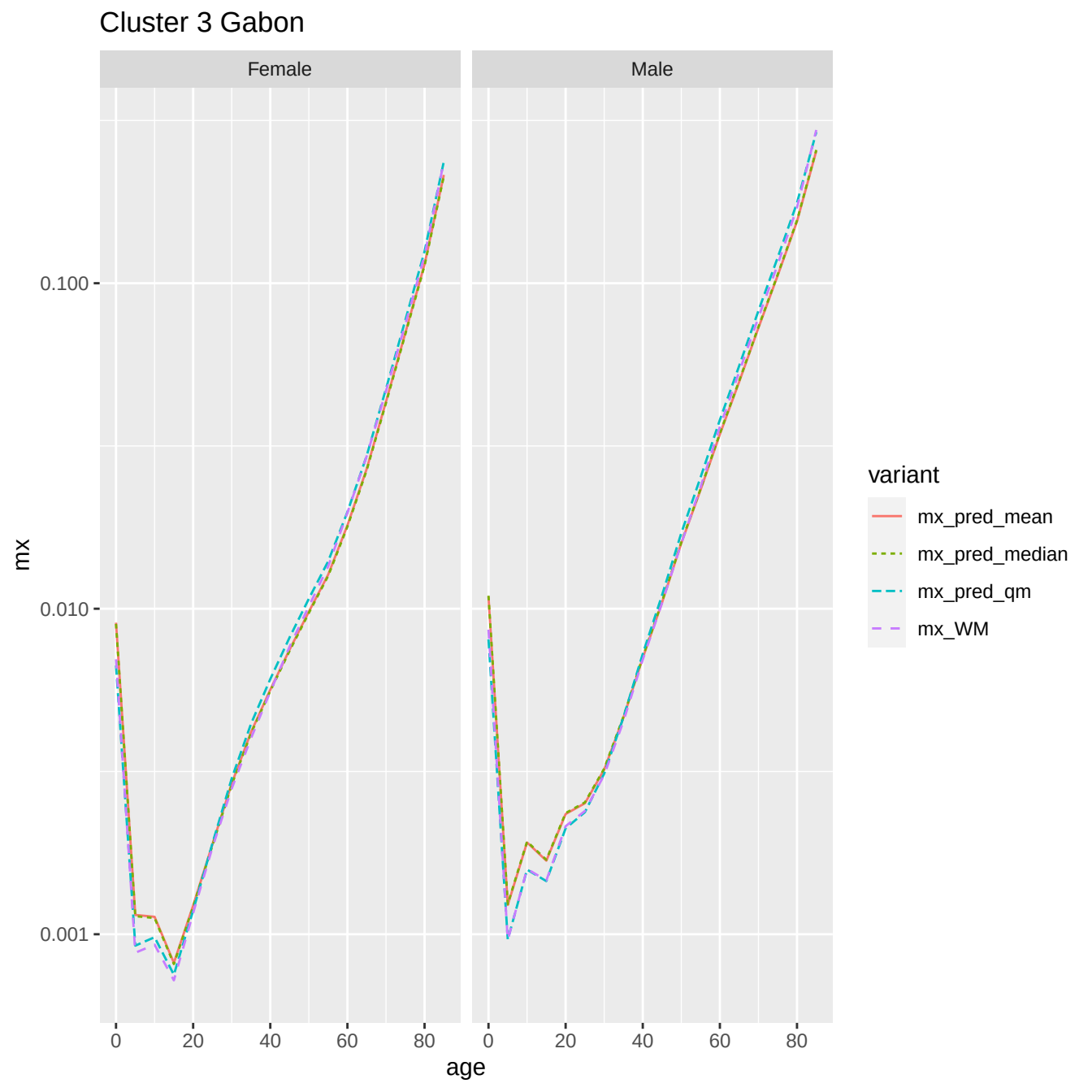

Cluster 3 Cabo Verde
Female
Male
mx
1e−01
1e−02
1e−03
1e−04
0
20
40
60
80
age
variant
mx_pred_mean
mx_pred_median
mx_pred_qm
mx_WM

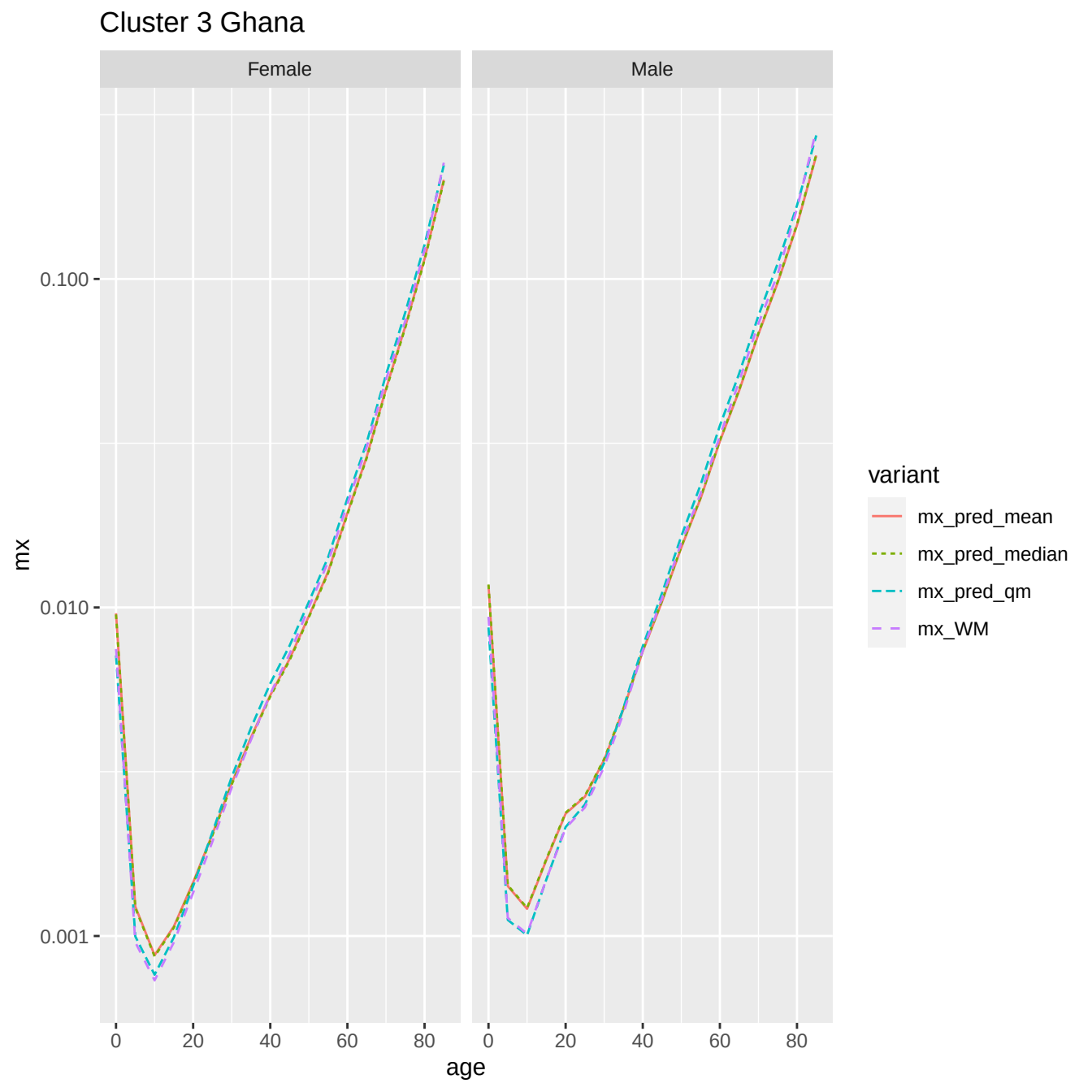

Cluster 3 Djibouti
Female
Male
0.100
0.010
0.001
mx
0
20
40
60
80
age
variant
mx_pred_mean
mx_pred_median
mx_pred_qm
mx_WM

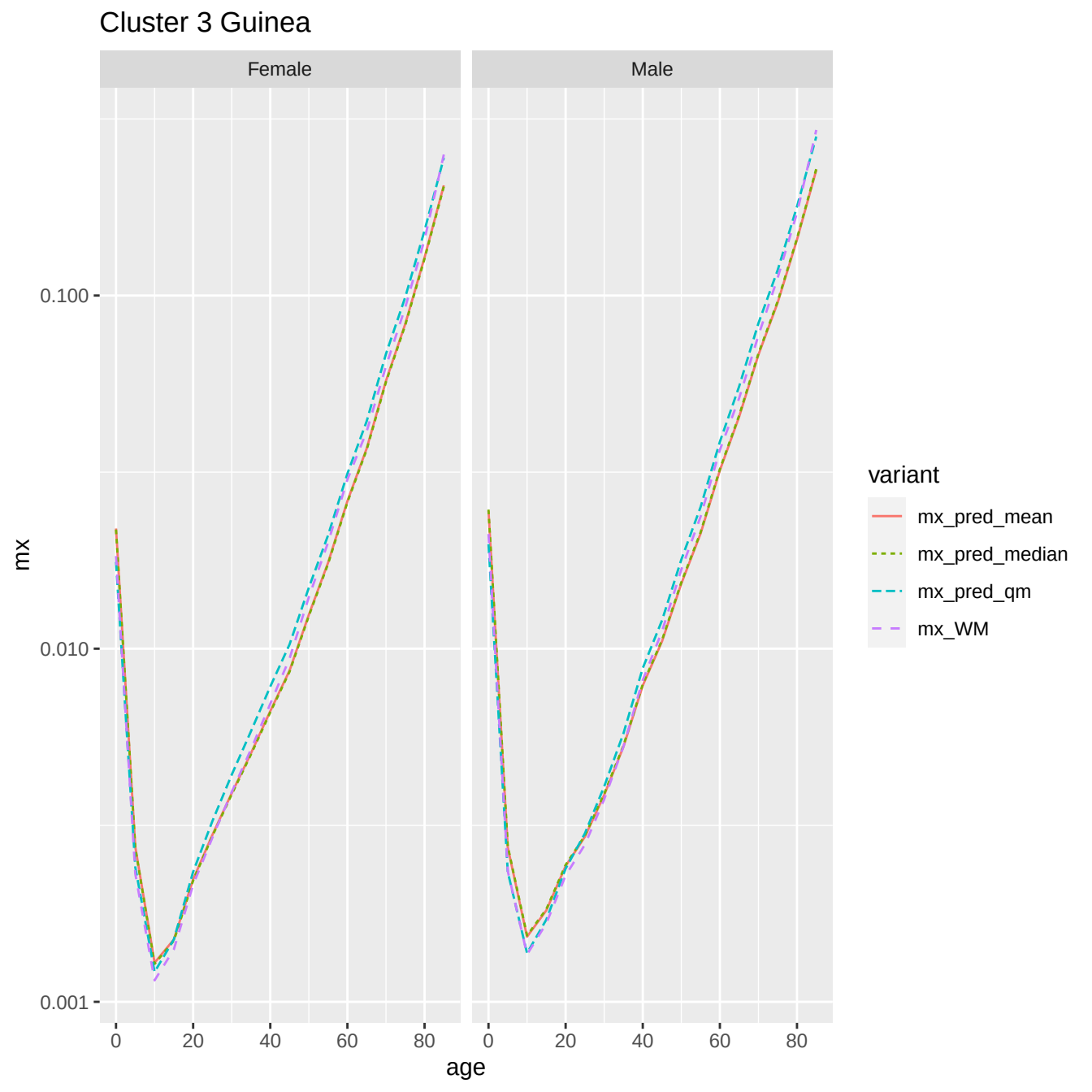

Cluster 3 Dominican Republic
Female
Male
0.100
0.010
0.001
mx
0
20
40
60
80
age
variant
mx_pred_mean
mx_pred_median
mx_pred_qm
mx_WM

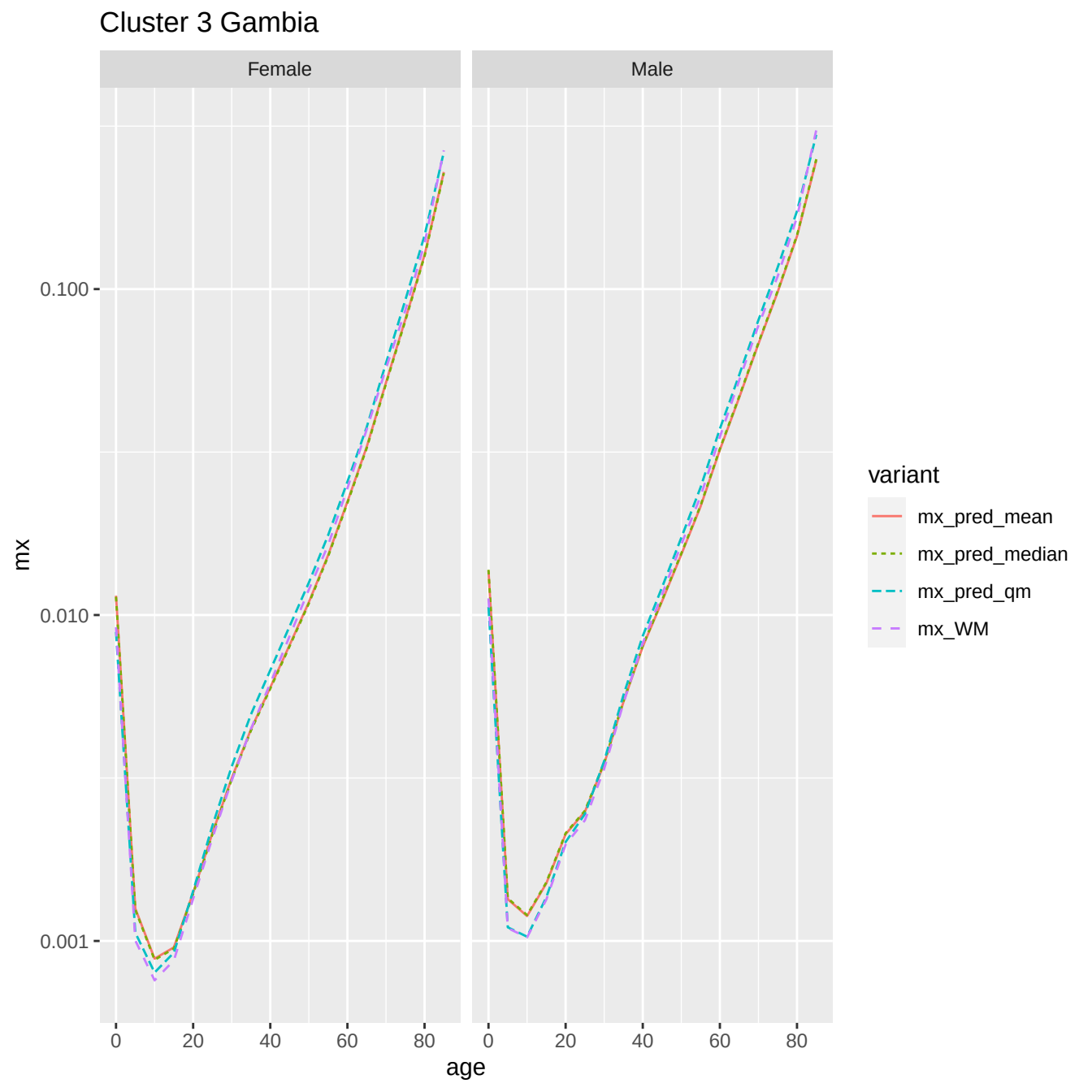

Cluster 3 Egypt
Female
Male
0.100
0.010
0.001
mx
0
20
40
60
80
age
variant
mx_pred_mean
mx_pred_median
mx_pred_qm
mx_WM

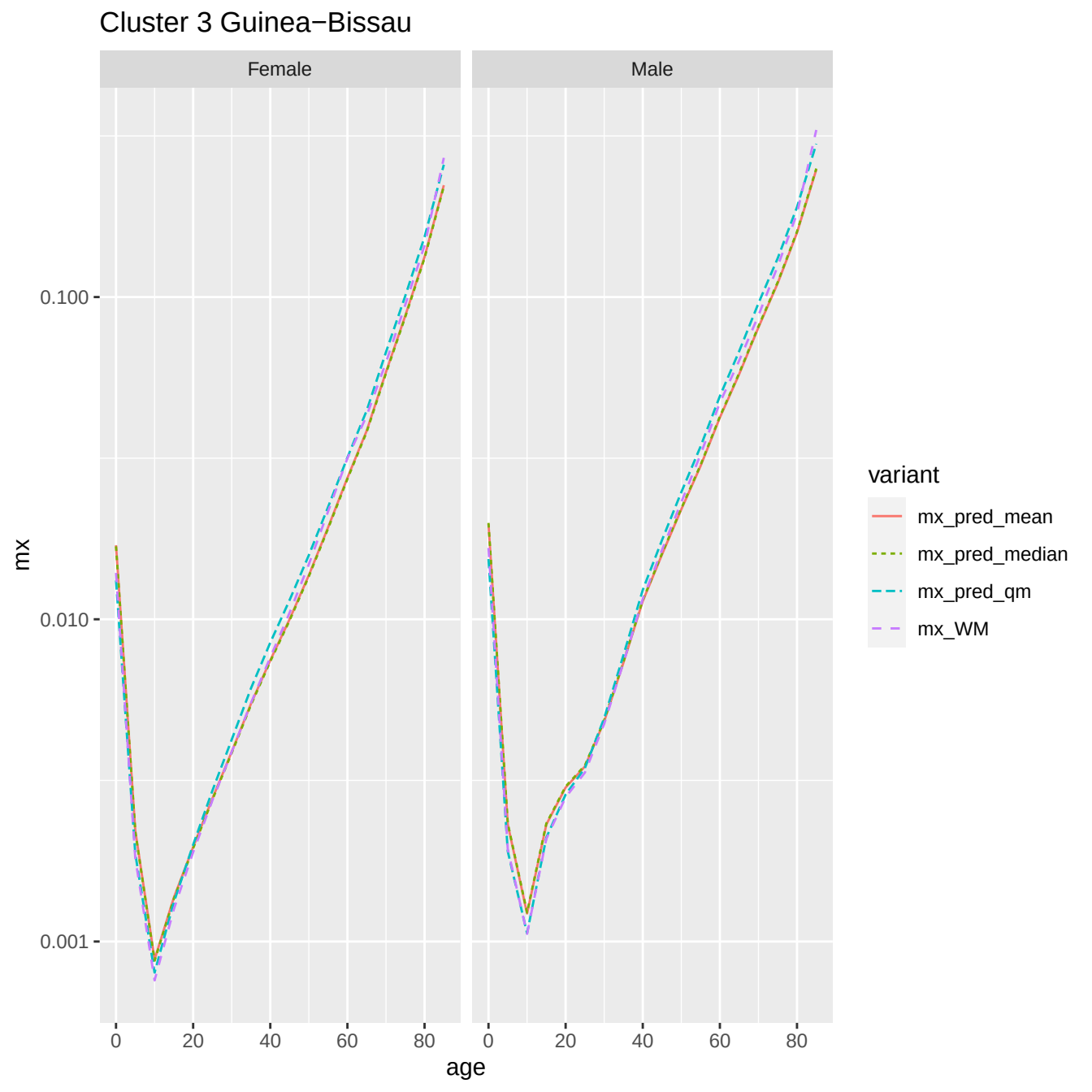

Cluster 3 Ethiopia
Female
Male
mx
0.100
0.010
0.001
0
20
40
60
80
age
variant
mx_pred_mean
mx_pred_median
mx_pred_qm
mx_WM

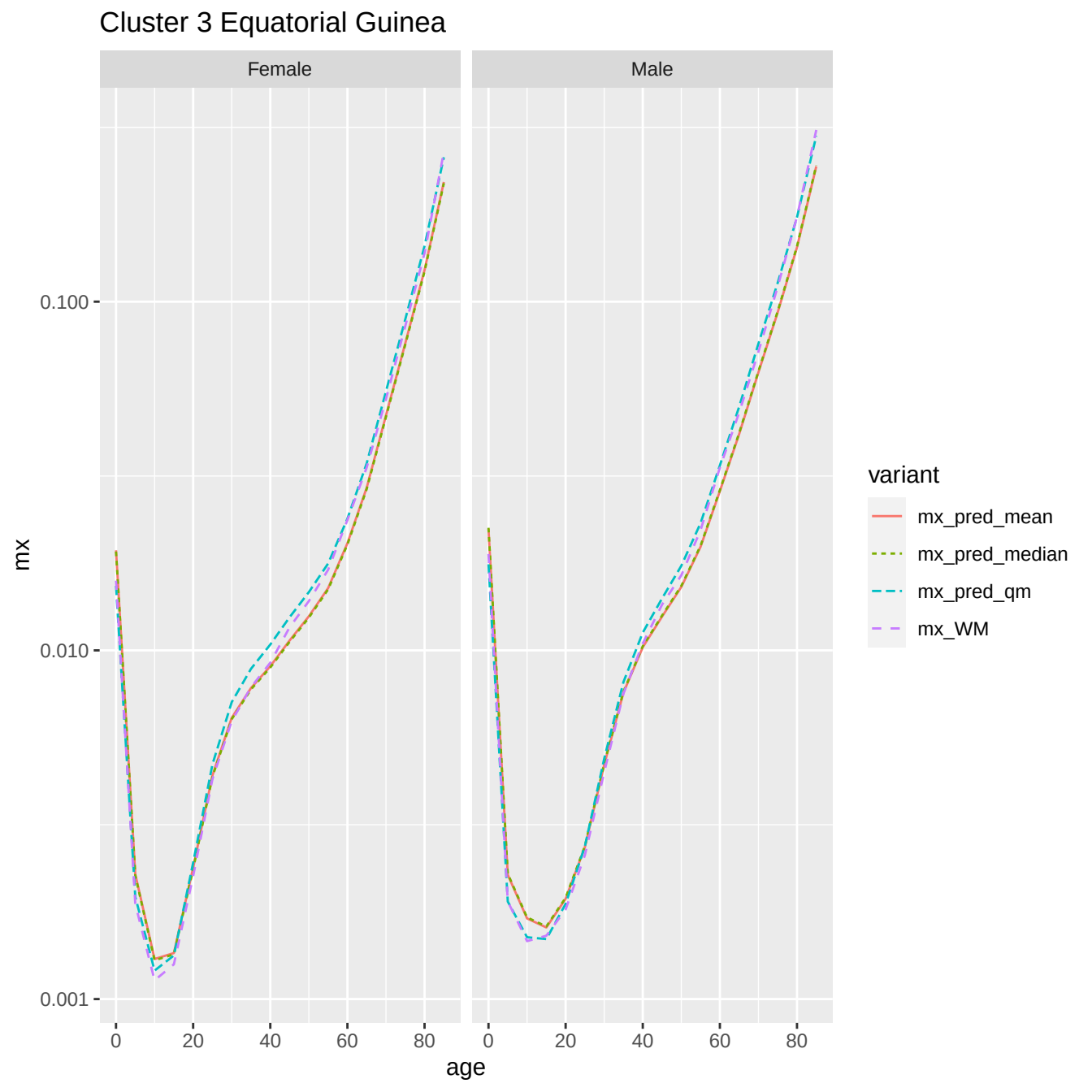

Cluster 3 Gabon
Female
Male
0.100
0.010
0.001
mx
0
20
40
60
80
age
variant
mx_pred_mean
mx_pred_median
mx_pred_qm
mx_WM

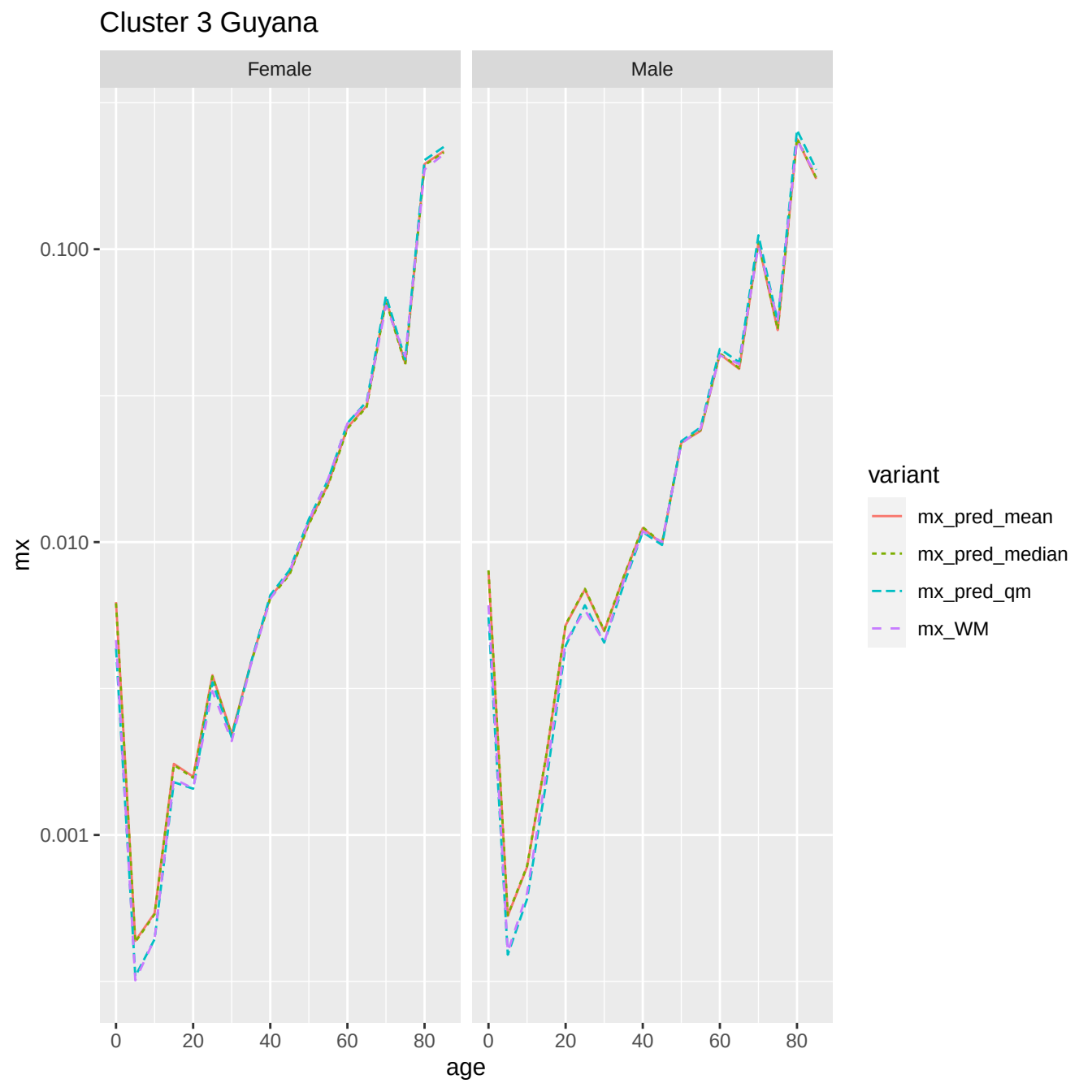

Cluster 3 Ghana
Female
Male
mx
0.100
0.010
0.001
0
20
40
60
80
age
variant
mx_pred_mean
mx_pred_median
mx_pred_qm
mx_WM

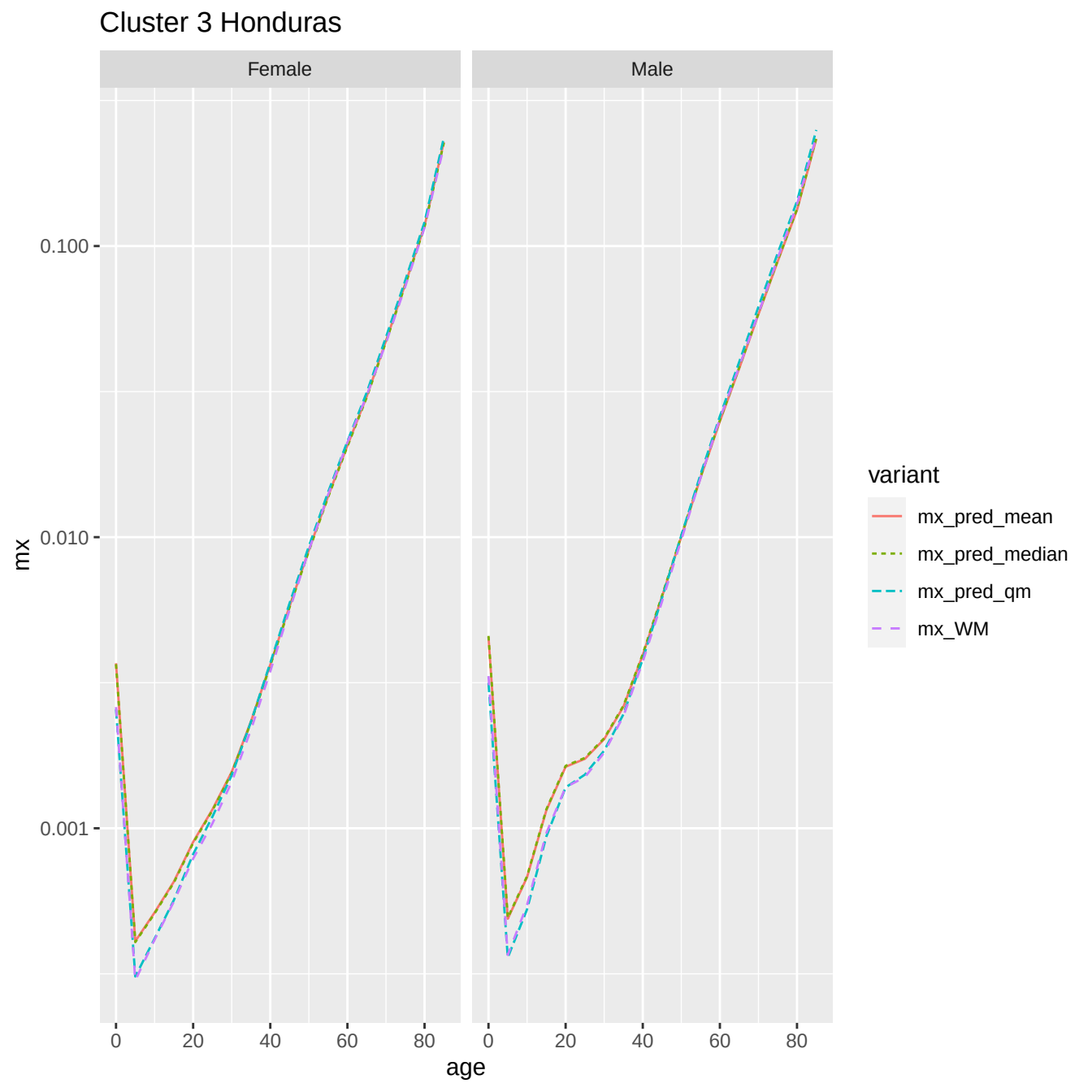

Cluster 3 Guinea
Female
Male
0.100
0.010
0.001
mx
0
20
40
60
80
age
variant
mx_pred_mean
mx_pred_median
mx_pred_qm
mx_WM

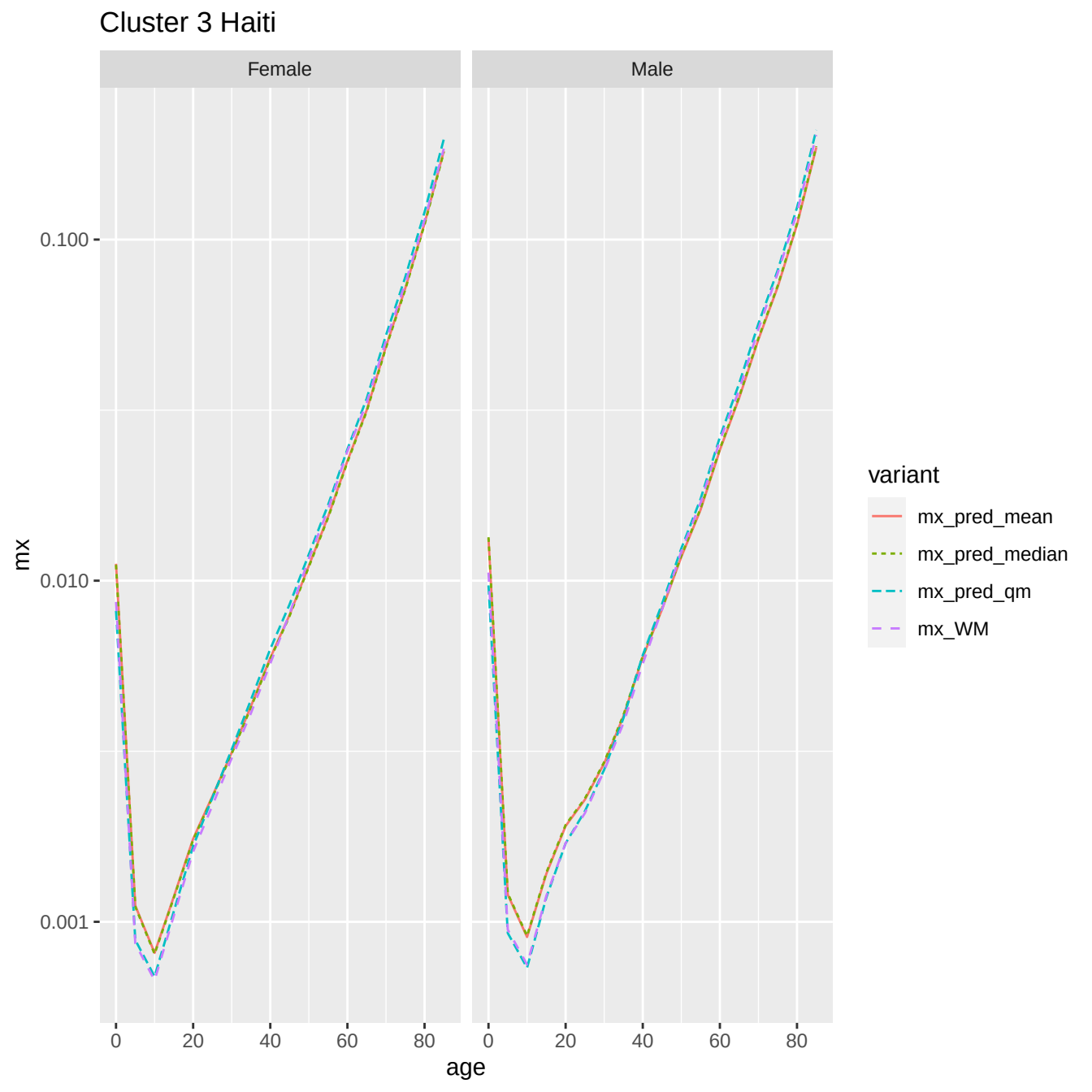

Cluster 3 Gambia
Female
Male
0.100
0.010
0.001
mx
0
20
40
60
80
age
variant
mx_pred_mean
mx_pred_median
mx_pred_qm
mx_WM

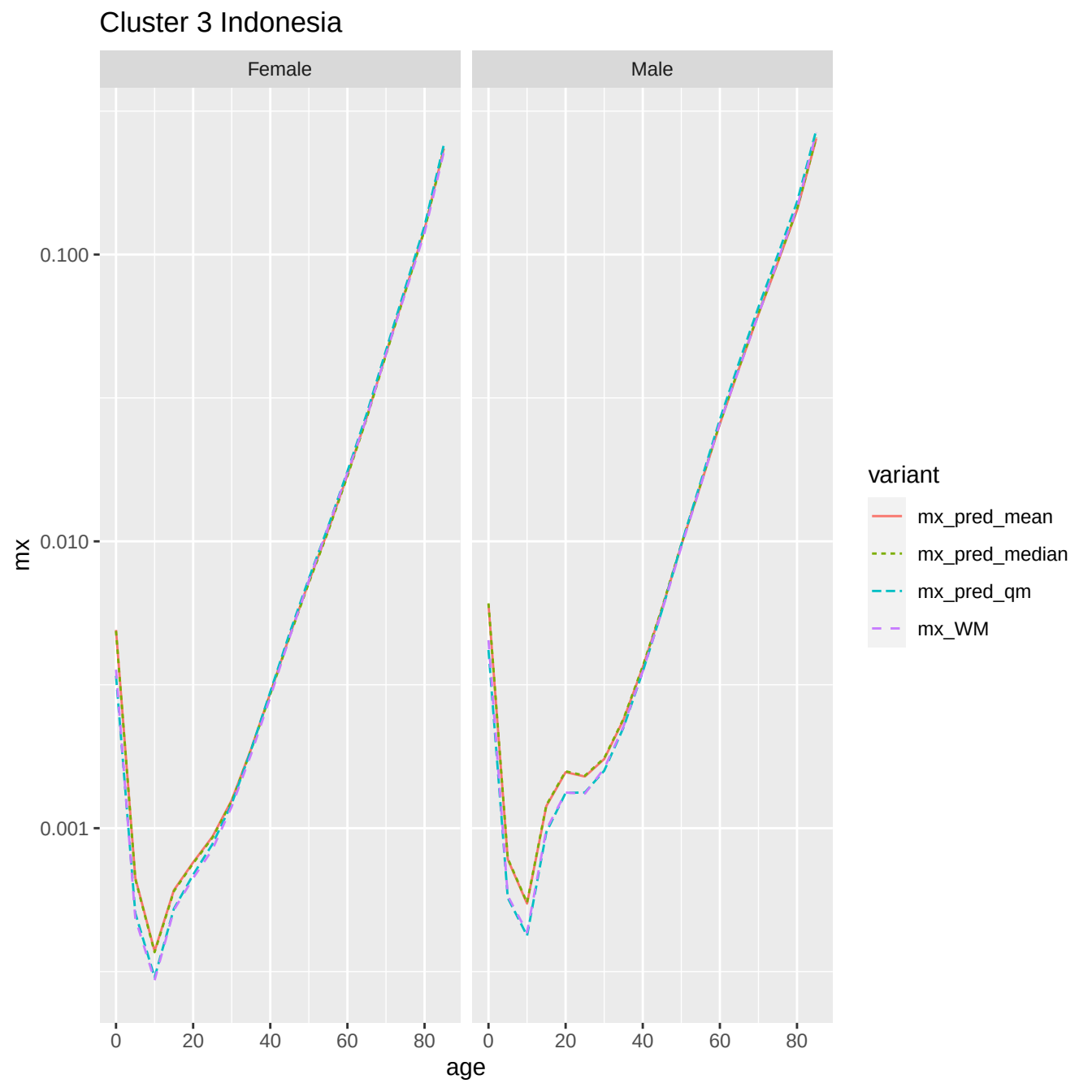

Cluster 3 Guinea−Bissau
Female
Male
0.100
0.010
0.001
mx
0
20
40
60
80
age
variant
mx_pred_mean
mx_pred_median
mx_pred_qm
mx_WM

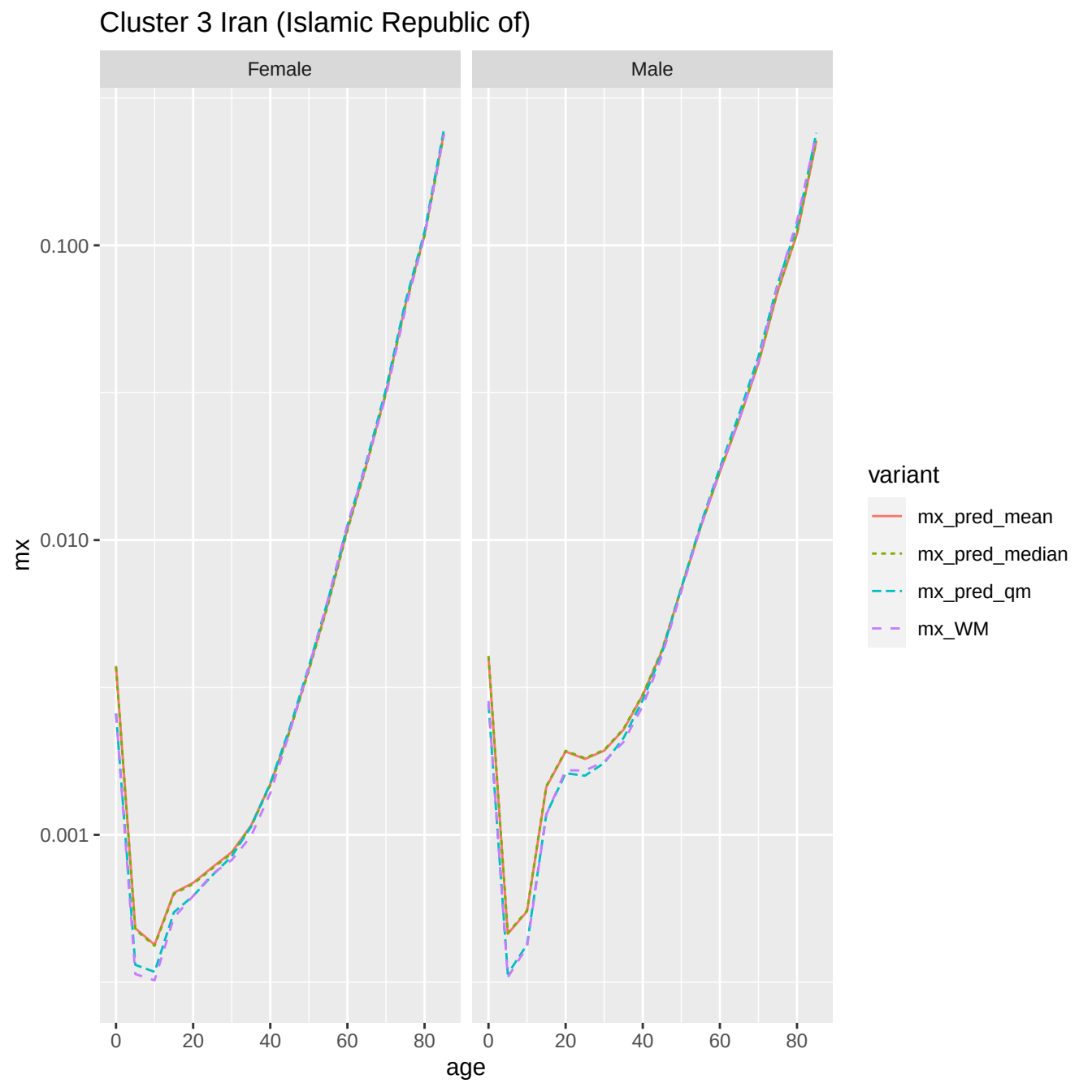

Cluster 3 Equatorial Guinea
Female
Male
0.100
0.010
0.001
mx
0
20
40
60
80
age
variant
mx_pred_mean
mx_pred_median
mx_pred_qm
mx_WM

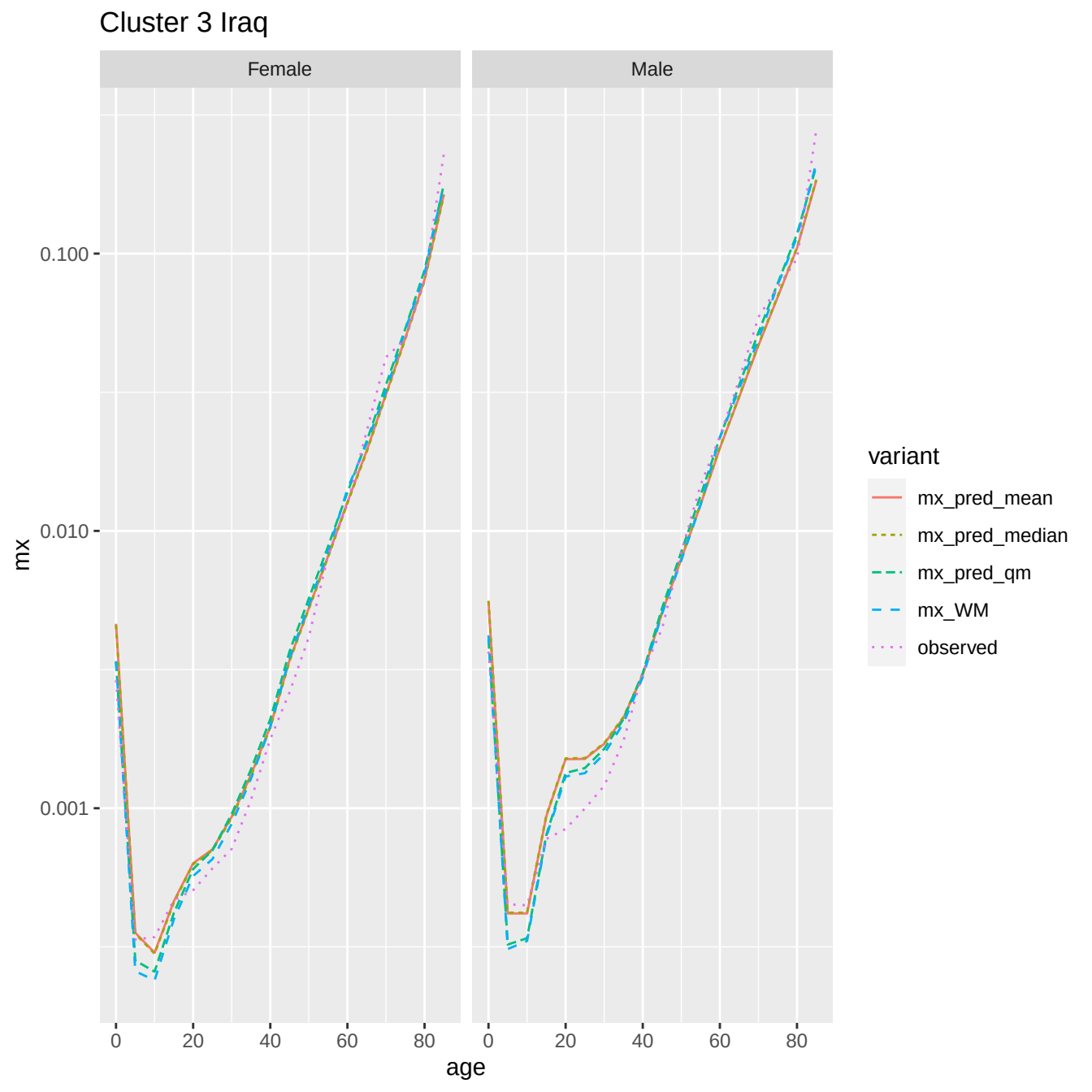

Cluster 3 Guyana
Female
Male
mx
0.100
0.010
0.001
0
20
40
60
80
age
variant
mx_pred_mean
mx_pred_median
mx_pred_qm
mx_WM

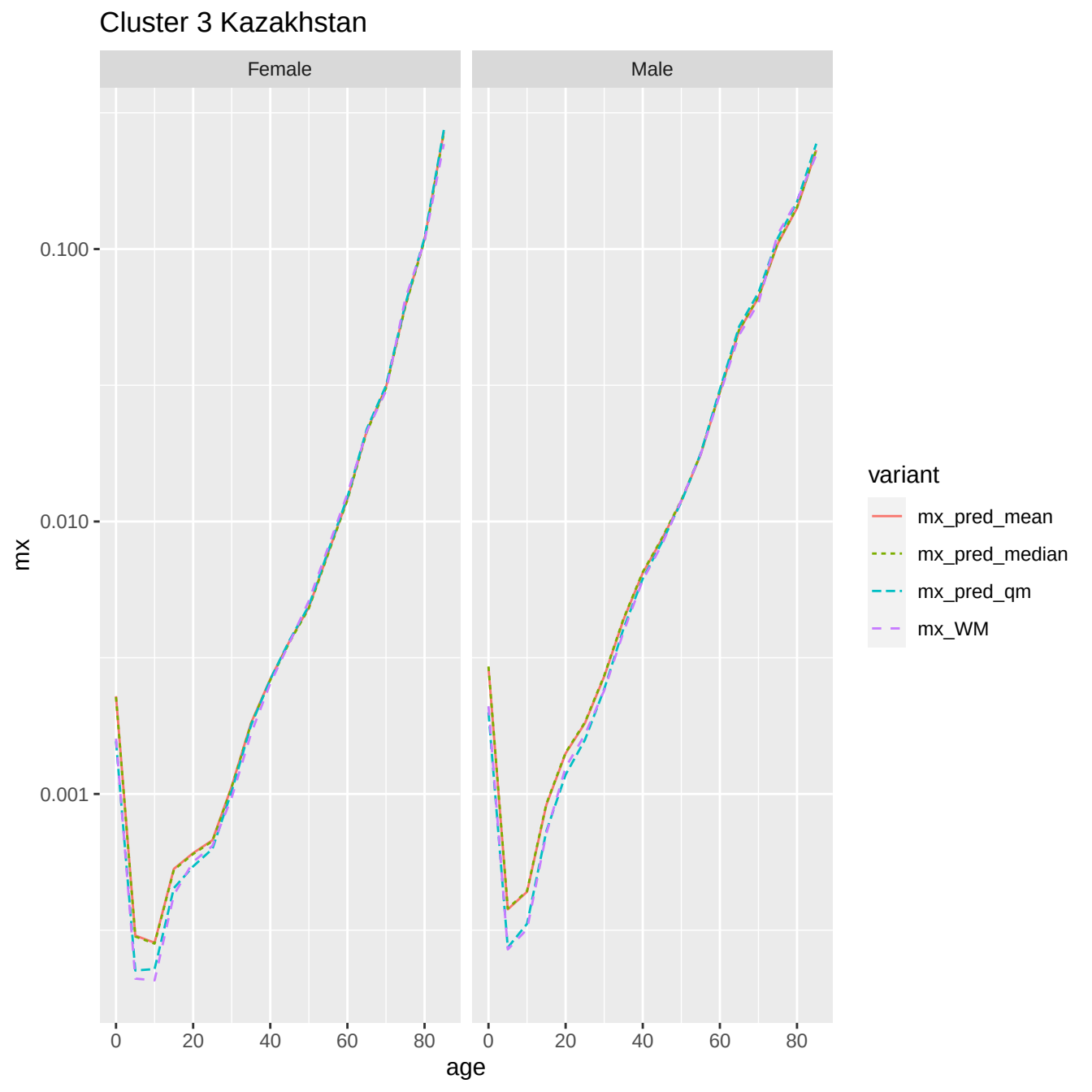

Cluster 3 Honduras
Female
Male
0.100
0.010
0.001
mx
0
20
40
60
80
age
variant
mx_pred_mean
mx_pred_median
mx_pred_qm
mx_WM

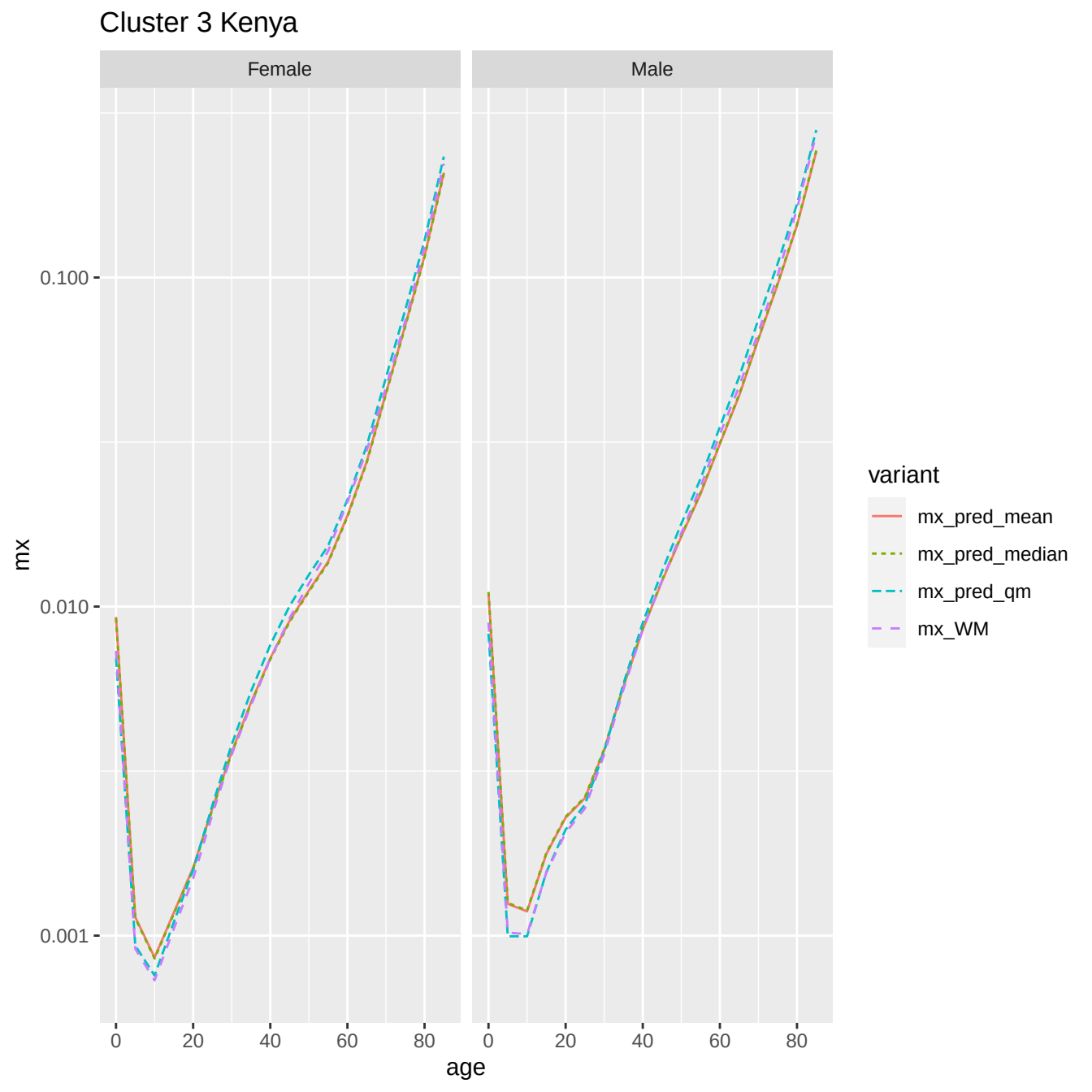

Cluster 3 Haiti
Female
Male
0.100
0.010
0.001
mx
0
20
40
60
80
age
variant
mx_pred_mean
mx_pred_median
mx_pred_qm
mx_WM

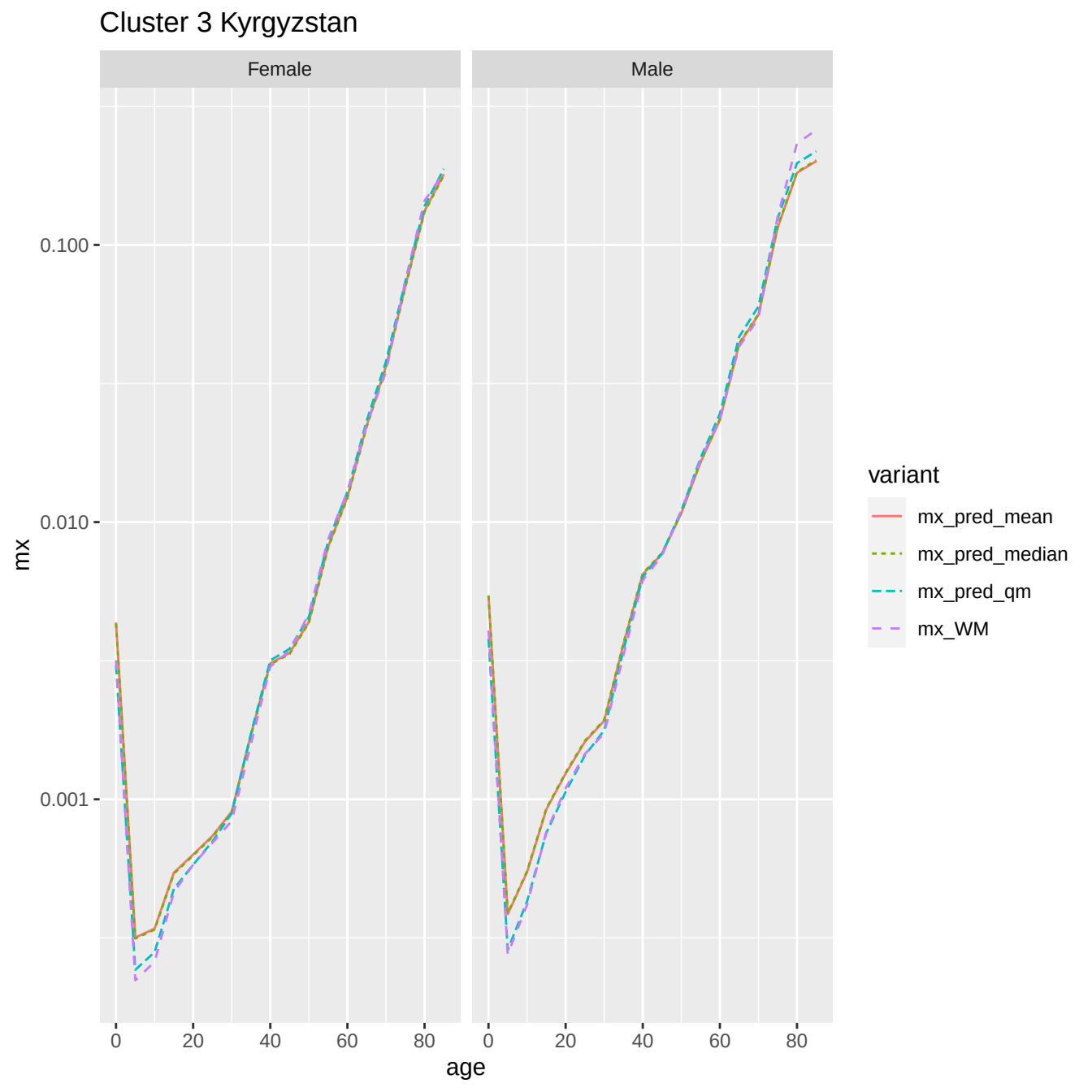

Cluster 3 Indonesia
Female
Male
0.100
0.010
0.001
mx
0
20
40
60
80
age
variant
mx_pred_mean
mx_pred_median
mx_pred_qm
mx_WM

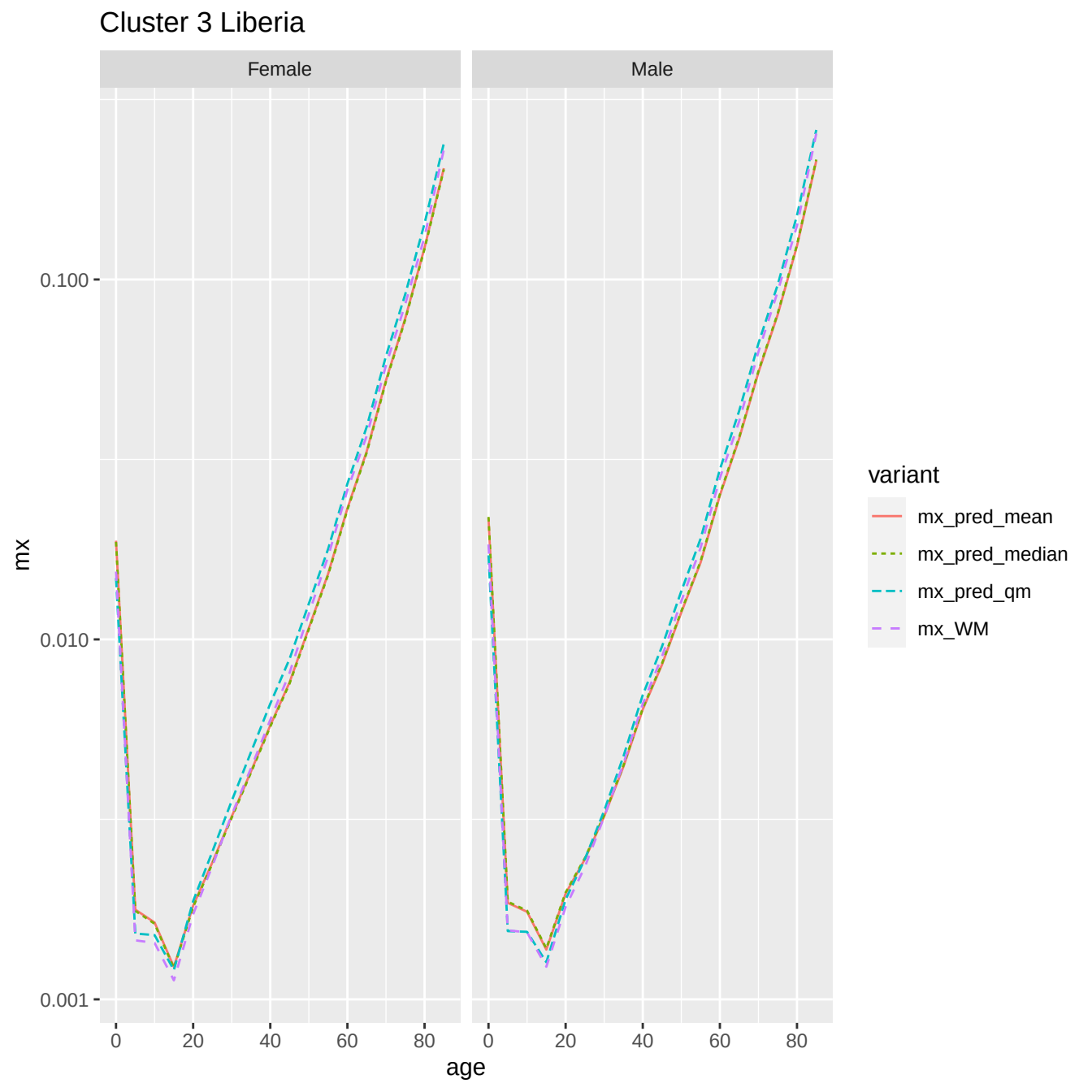

Cluster 3 Iran (Islamic Republic of)
Female
Male
0.100
0.010
0.001
mx
0
20
40
60
80
age
variant
mx_pred_mean
mx_pred_median
mx_pred_qm
mx_WM

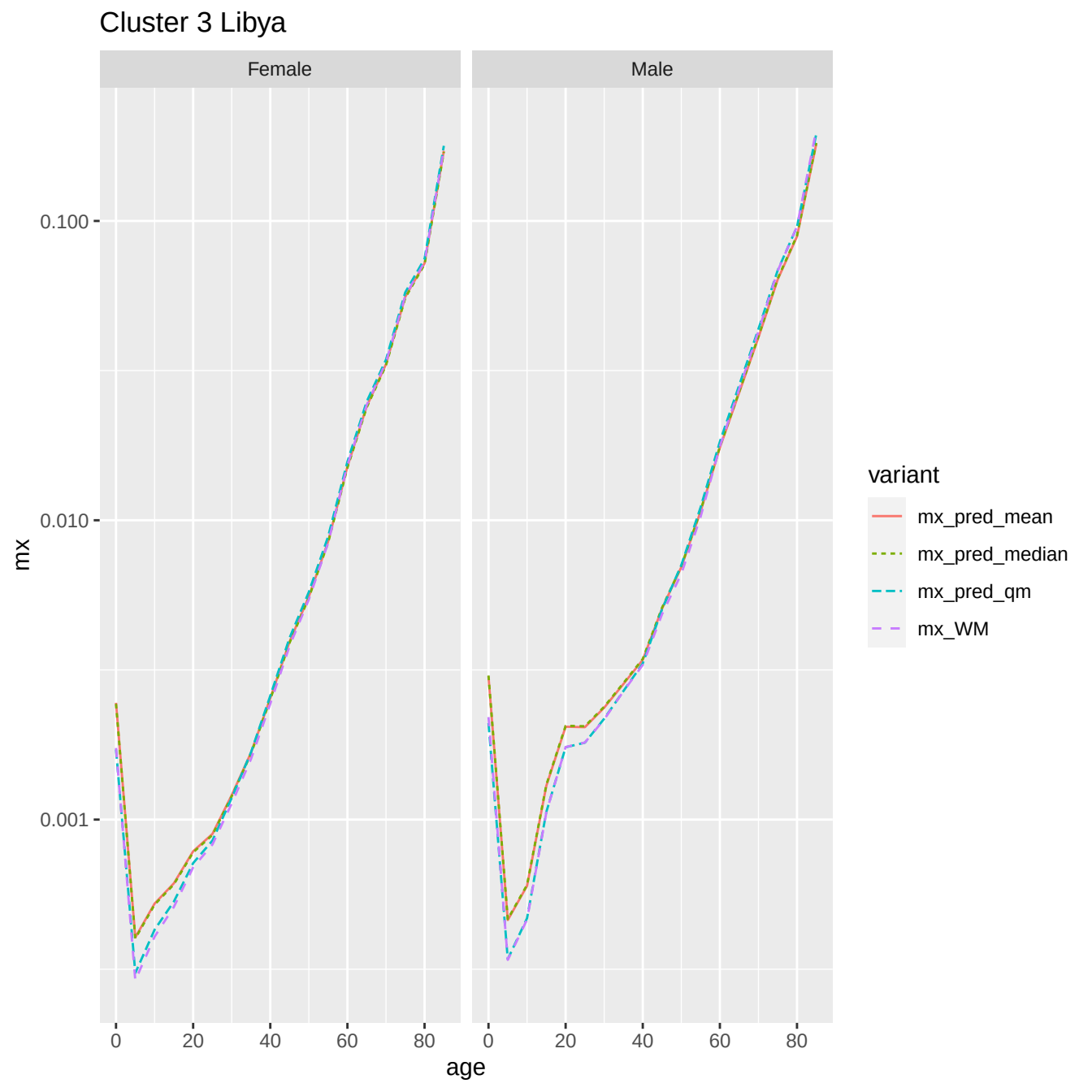

Cluster 3 Iraq
Female
Male
0.100
0.010
0.001
mx
0
20
40
60
80
age
variant
mx_pred_mean
mx_pred_median
mx_pred_qm
mx_WM
observed

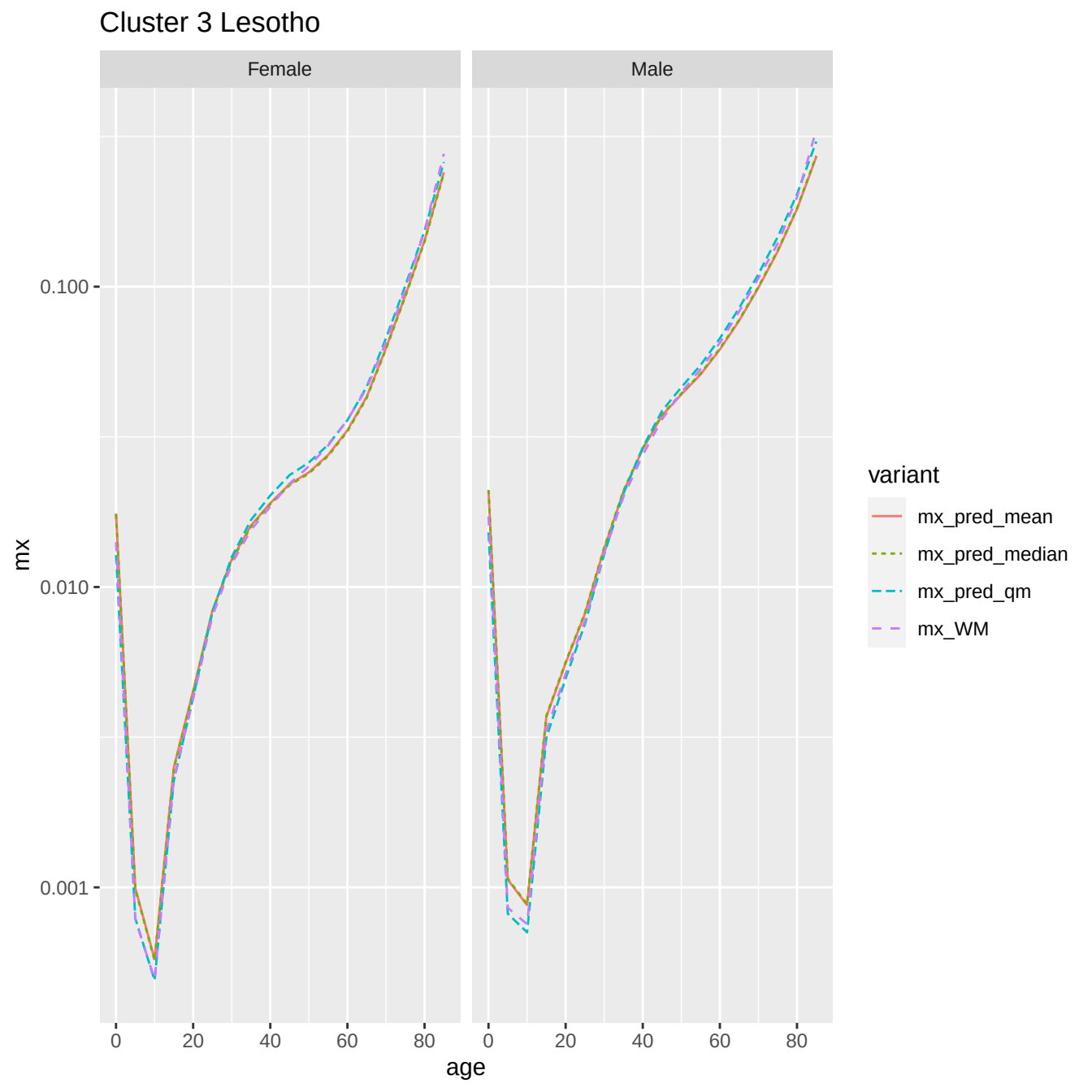

Cluster 3 Kazakhstan
Female
Male
0.100
0.010
0.001
mx
0
20
40
60
80
age
variant
mx_pred_mean
mx_pred_median
mx_pred_qm
mx_WM

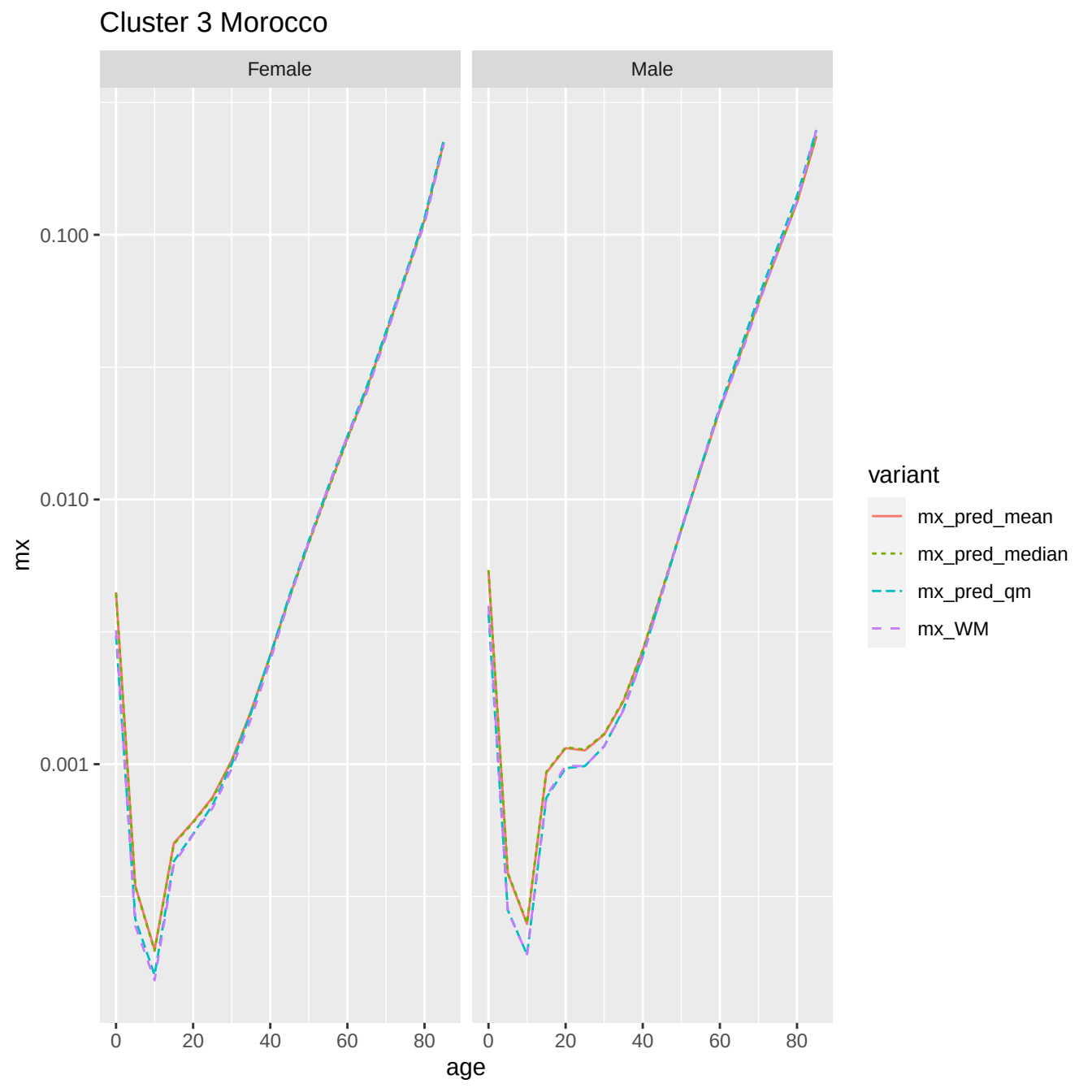

Cluster 3 Kenya
Female
Male
0.100
0.010
0.001
mx
0
20
40
60
80
age
variant
mx_pred_mean
mx_pred_median
mx_pred_qm
mx_WM

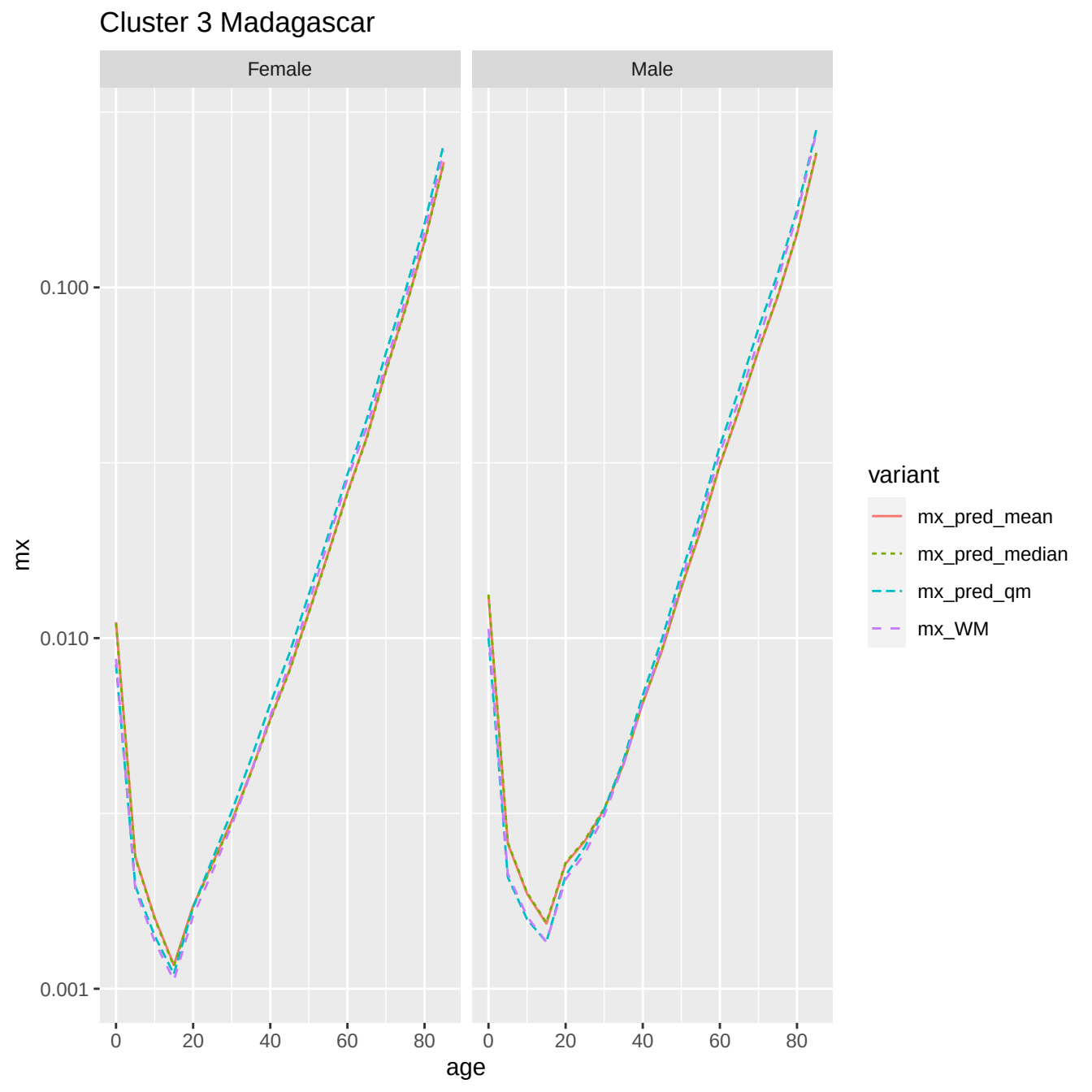

Cluster 3 Kyrgyzstan
Female
Male
0.100
0.010
0.001
mx
0
20
40
60
80
age
variant
mx_pred_mean
mx_pred_median
mx_pred_qm
mx_WM

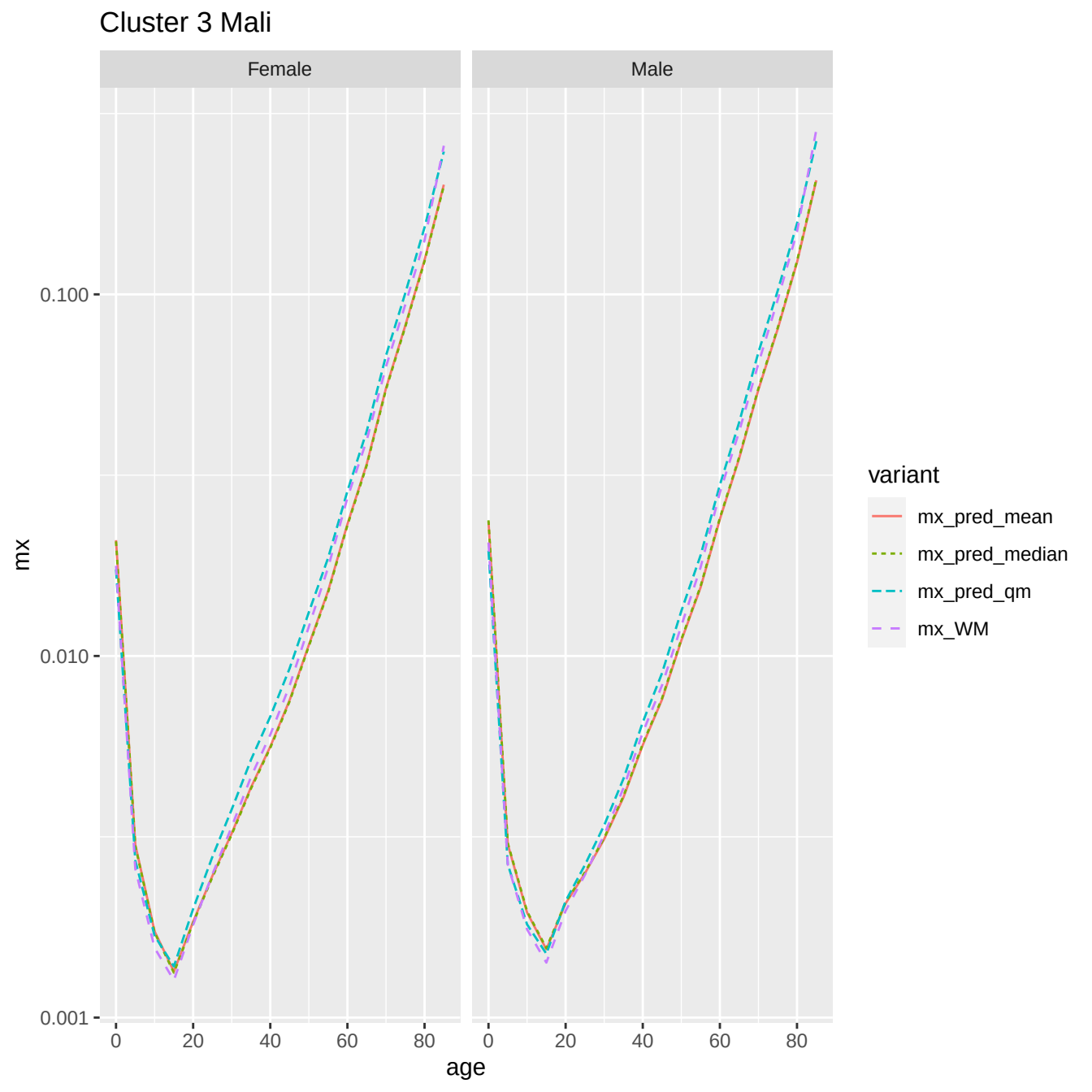

Cluster 3 Liberia
Female
Male
mx
0.100
0.010
0.001
0
20
40
60
80
age
variant
mx_pred_mean
mx_pred_median
mx_pred_qm
mx_WM

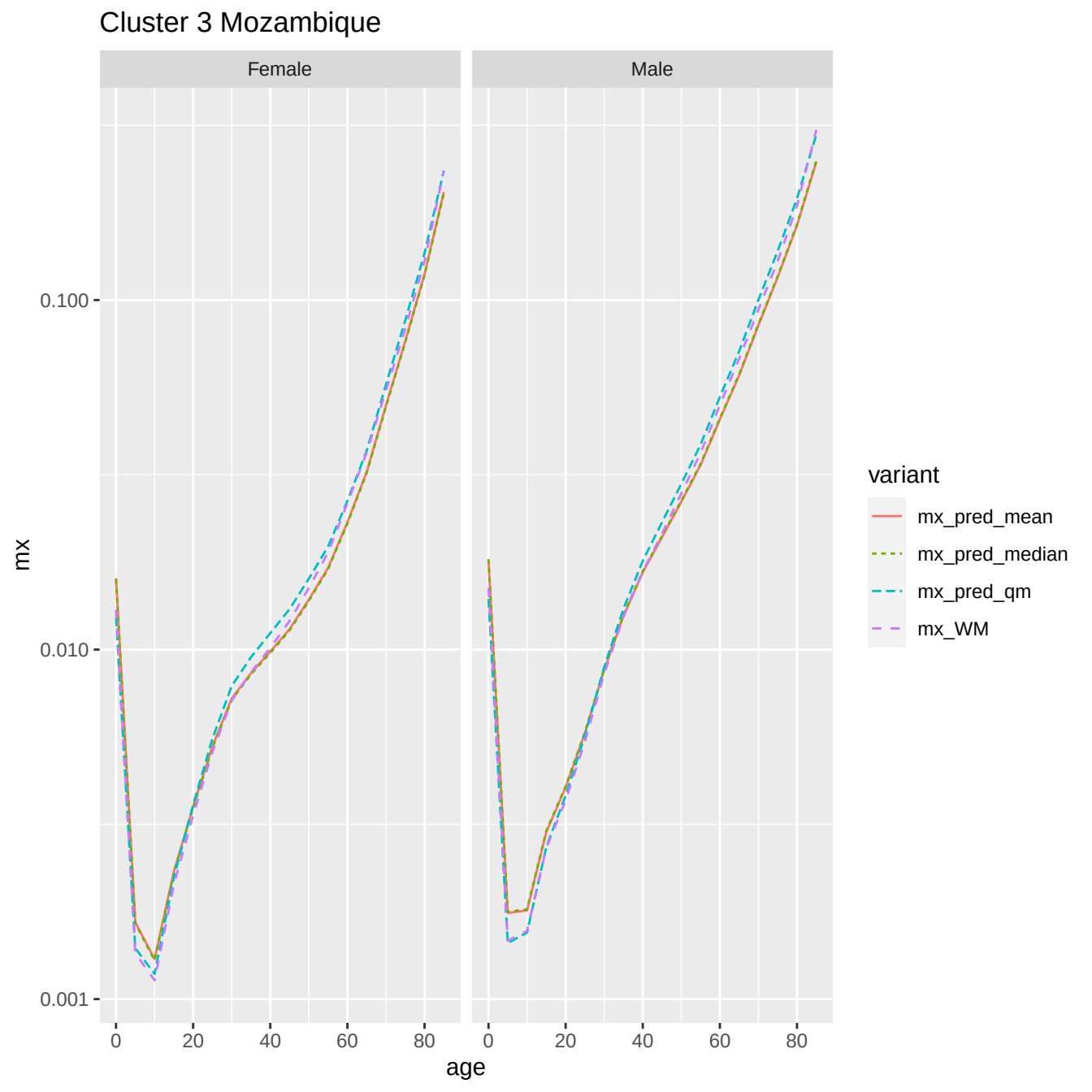

Cluster 3 Libya
Female
Male
0.100
0.010
0.001
mx
0
20
40
60
80
age
variant
mx_pred_mean
mx_pred_median
mx_pred_qm
mx_WM

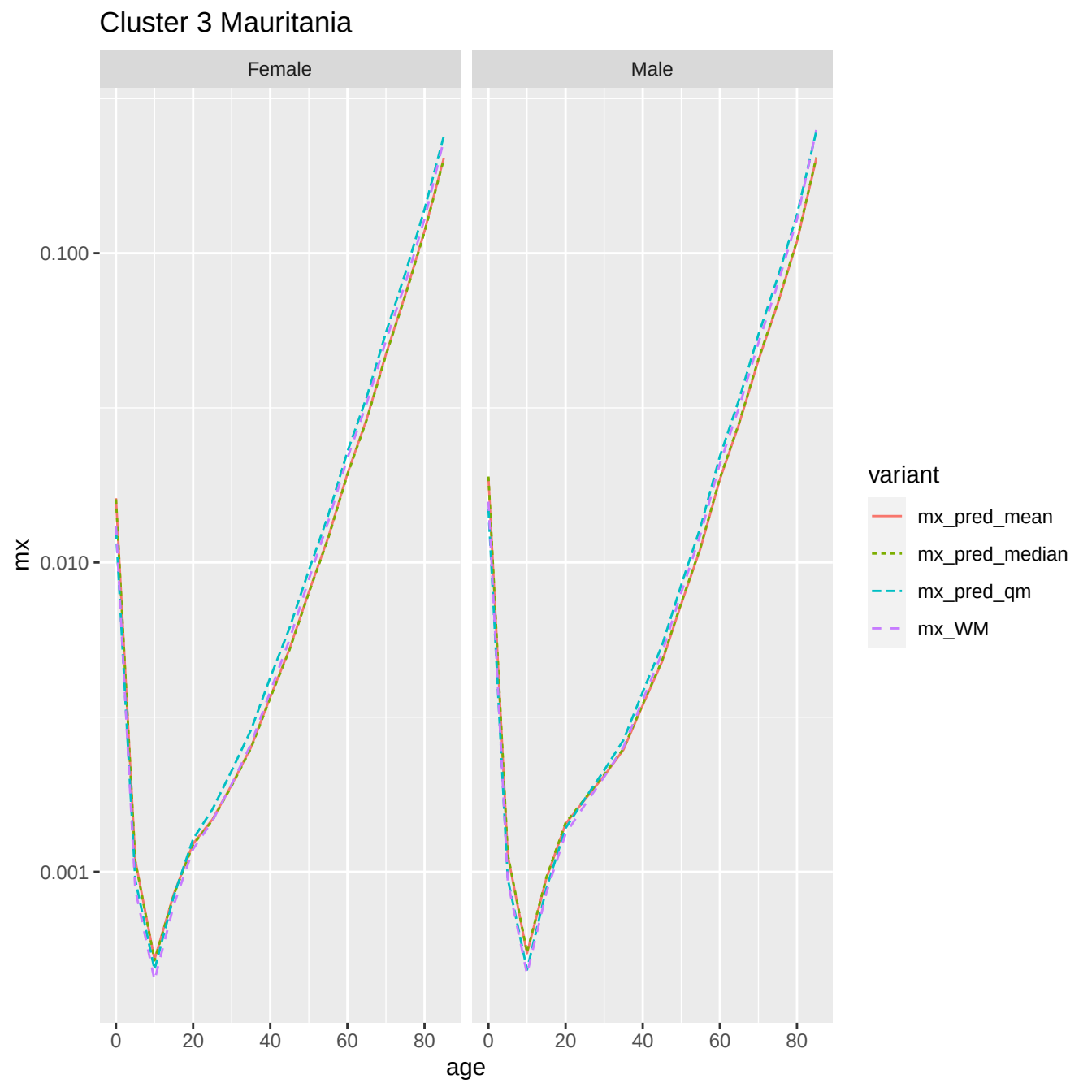

Cluster 3 Lesotho
Female
Male
0.100
0.010
0.001
mx
0
20
40
60
80
age
variant
mx_pred_mean
mx_pred_median
mx_pred_qm
mx_WM

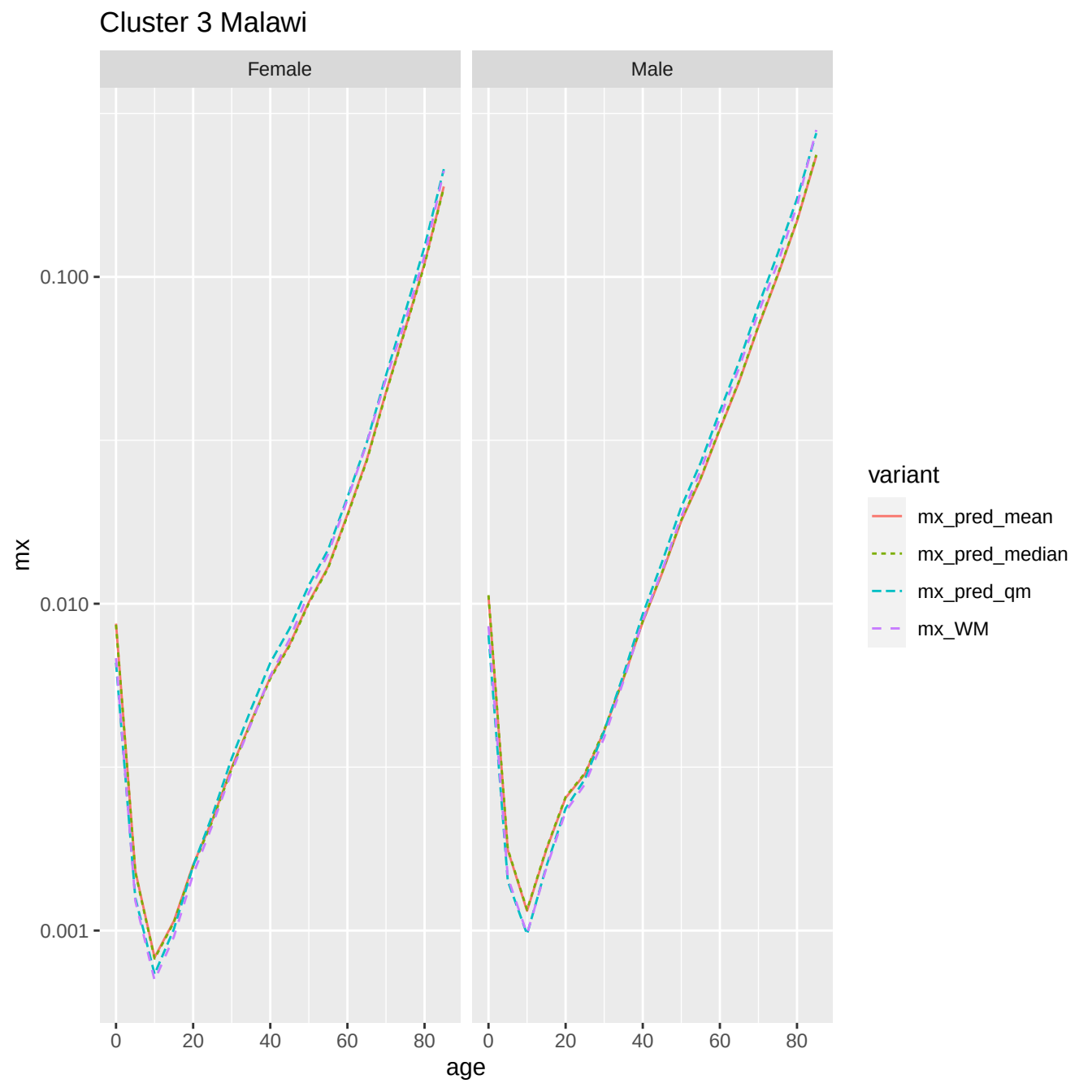

Cluster 3 Morocco
Female
Male
0.100
0.010
0.001
mx
0
20
40
60
80
age
variant
mx_pred_mean
mx_pred_median
mx_pred_qm
mx_WM

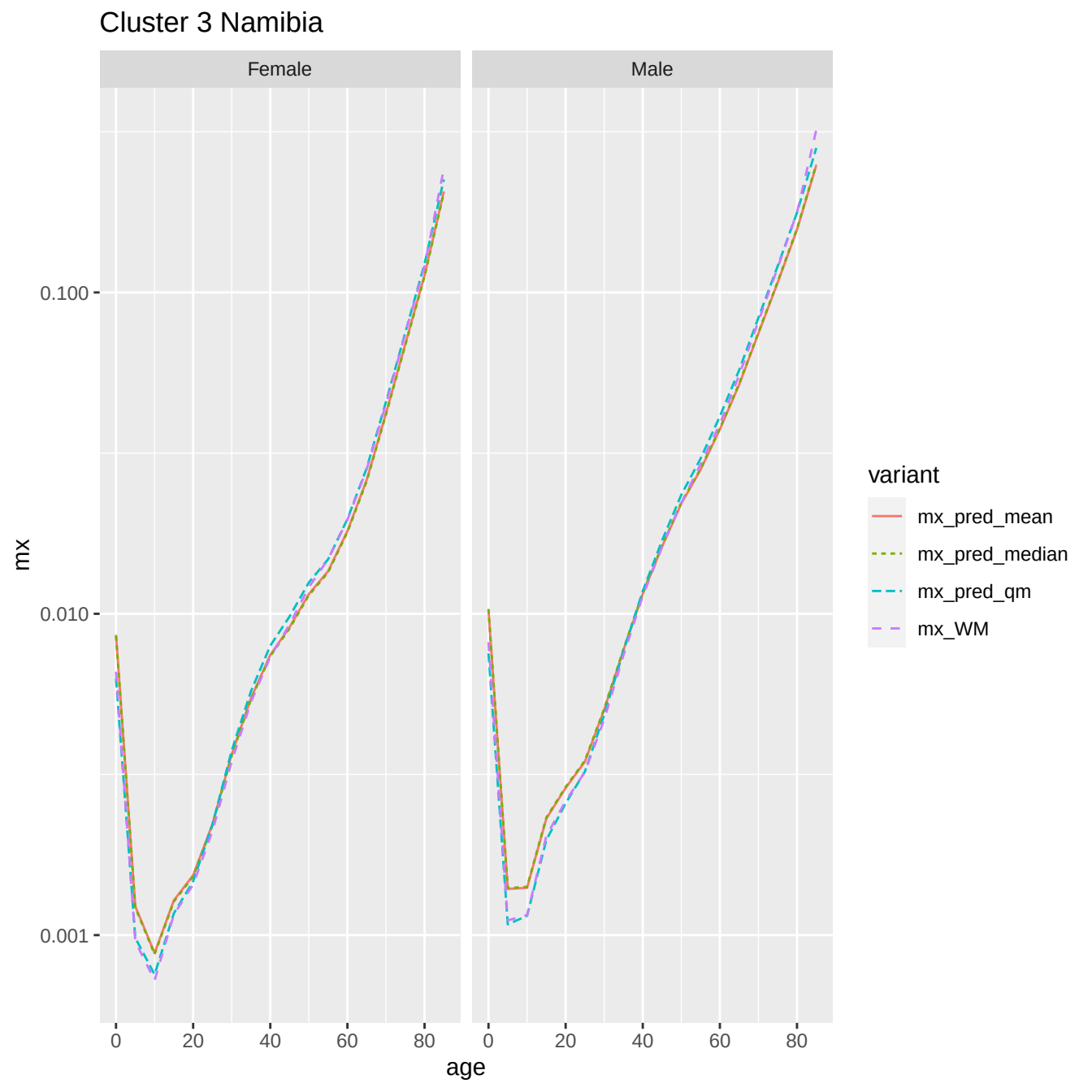

Cluster 3 Madagascar
Female
Male
0.100
0.010
0.001
mx
0
20
40
60
80
age
variant
mx_pred_mean
mx_pred_median
mx_pred_qm
mx_WM

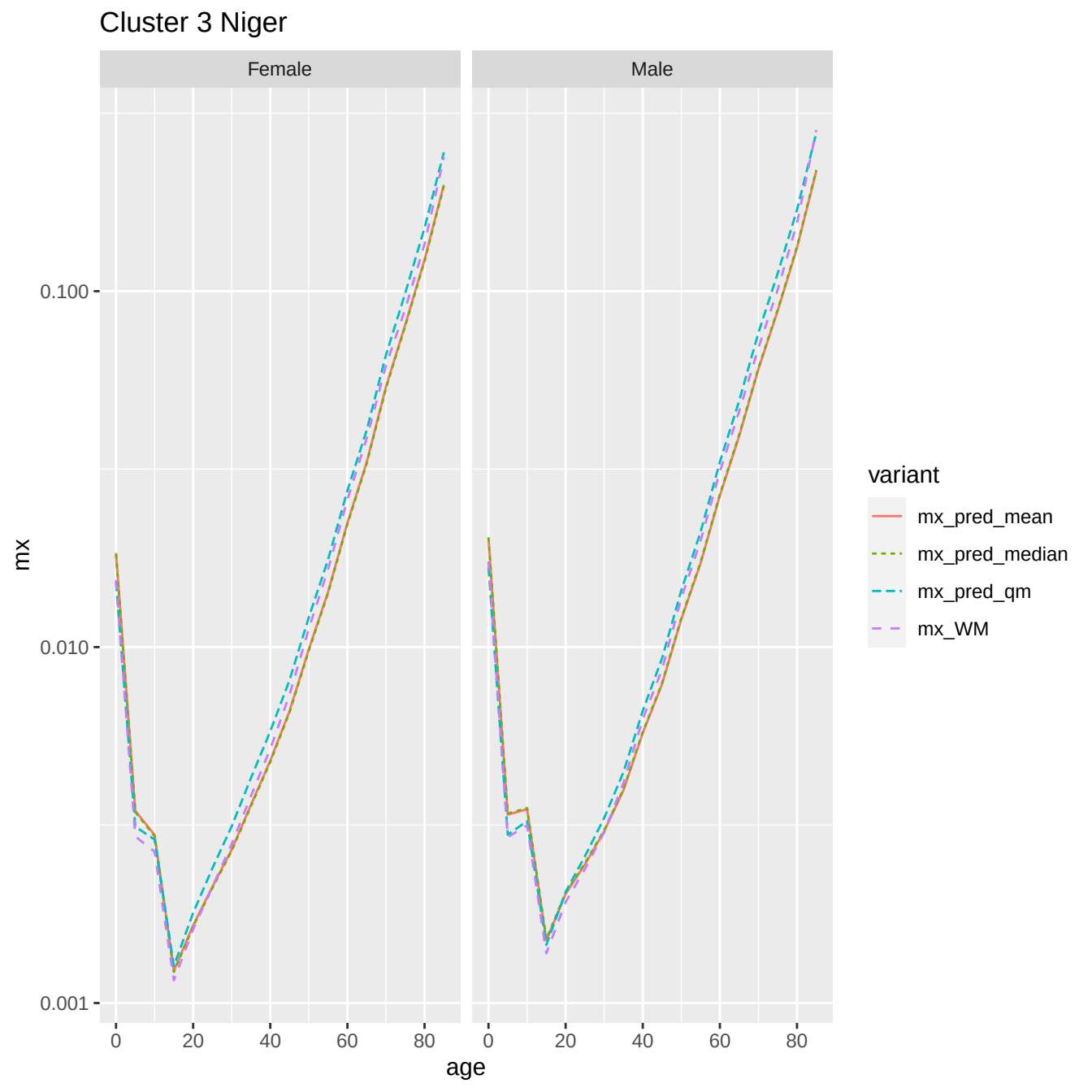

Cluster 3 Mali
Female
Male
mx
0.100
0.010
0.001
0
20
40
60
80
age
variant
mx_pred_mean
mx_pred_median
mx_pred_qm
mx_WM

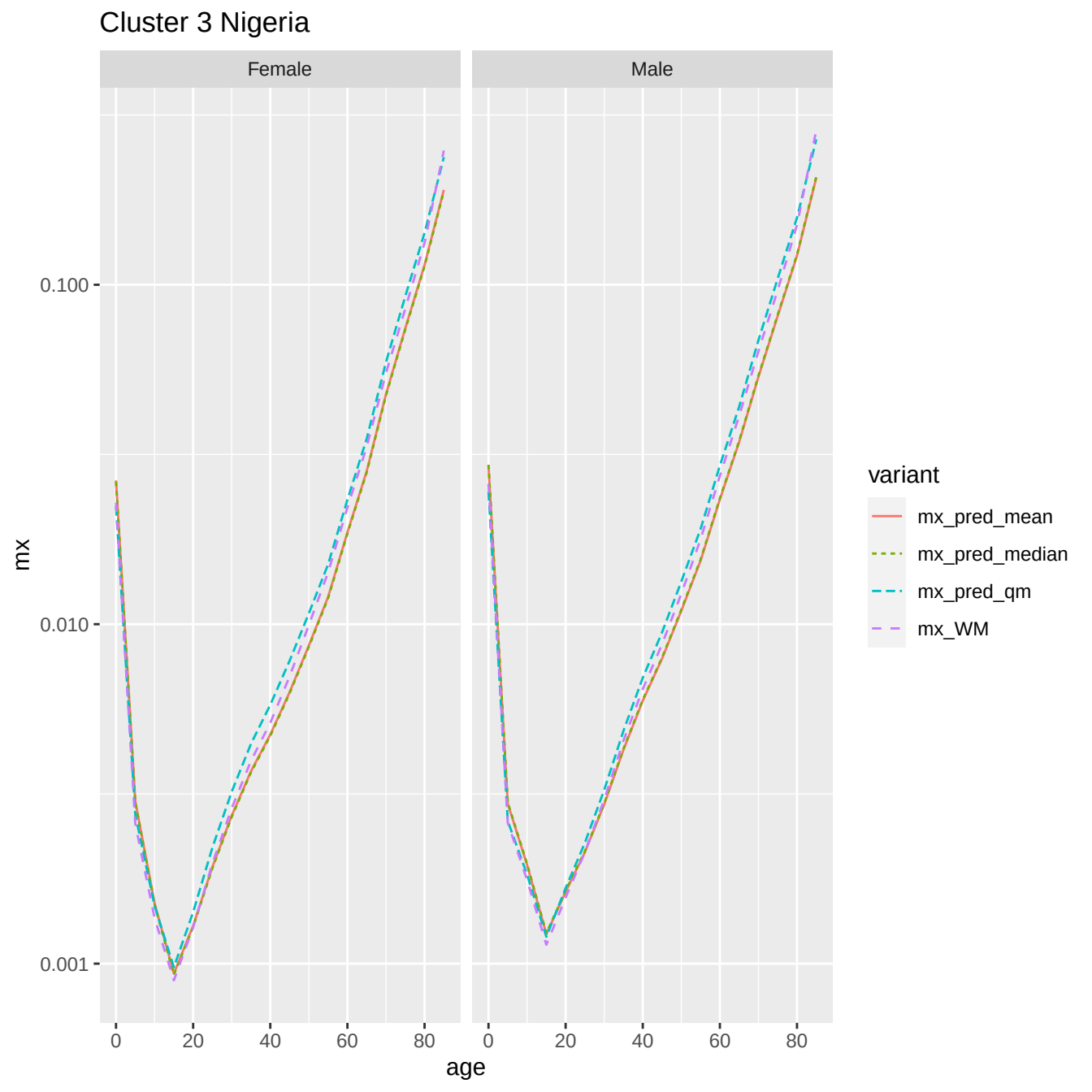

Cluster 3 Mozambique
Female
Male
mx
0.100
0.010
0.001
0
20
40
60
80
age
variant
mx_pred_mean
mx_pred_median
mx_pred_qm
mx_WM

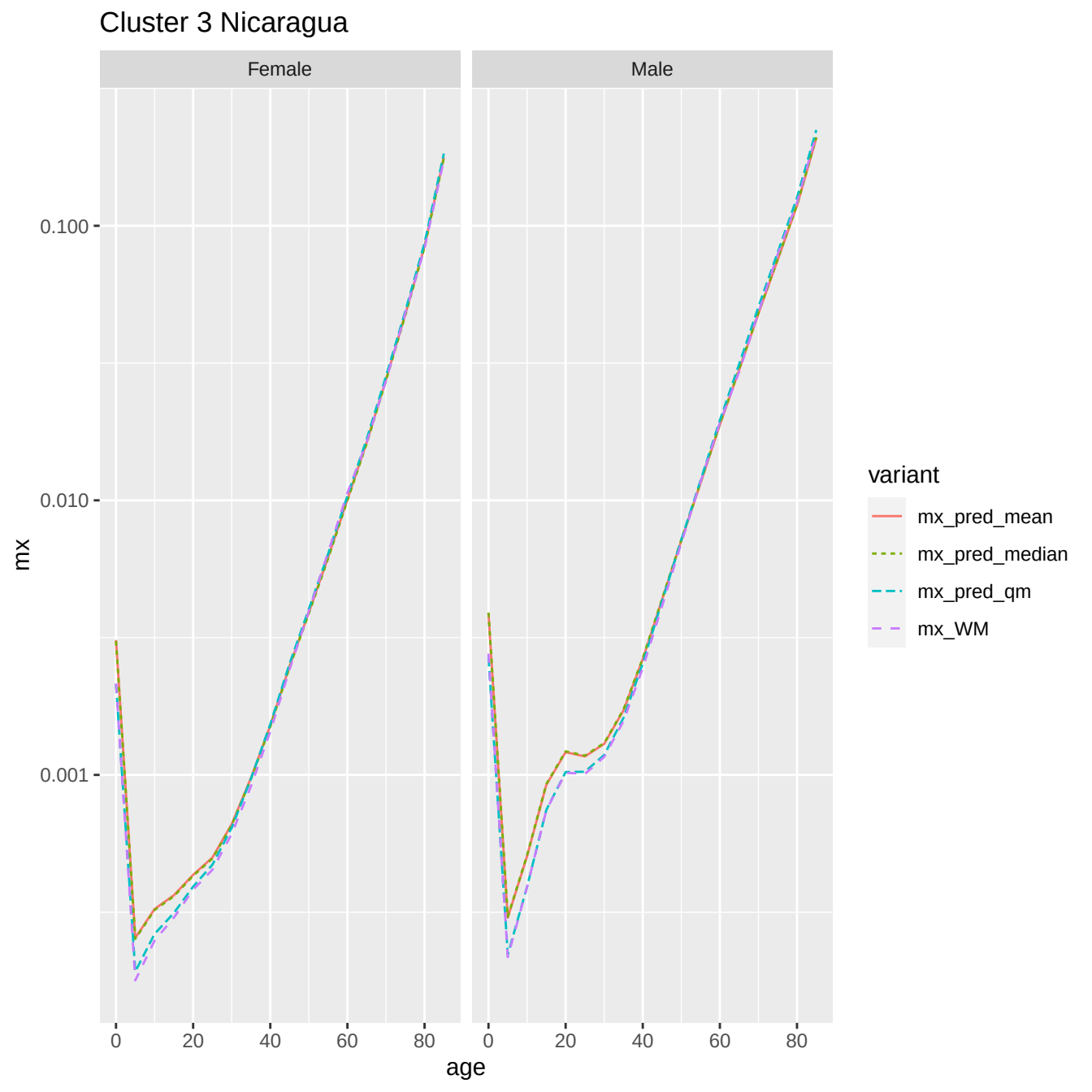

Cluster 3 Mauritania
Female
Male
mx
0.100
0.010
0.001
0
20
40
60
80
age
variant
mx_pred_mean
mx_pred_median
mx_pred_qm
mx_WM

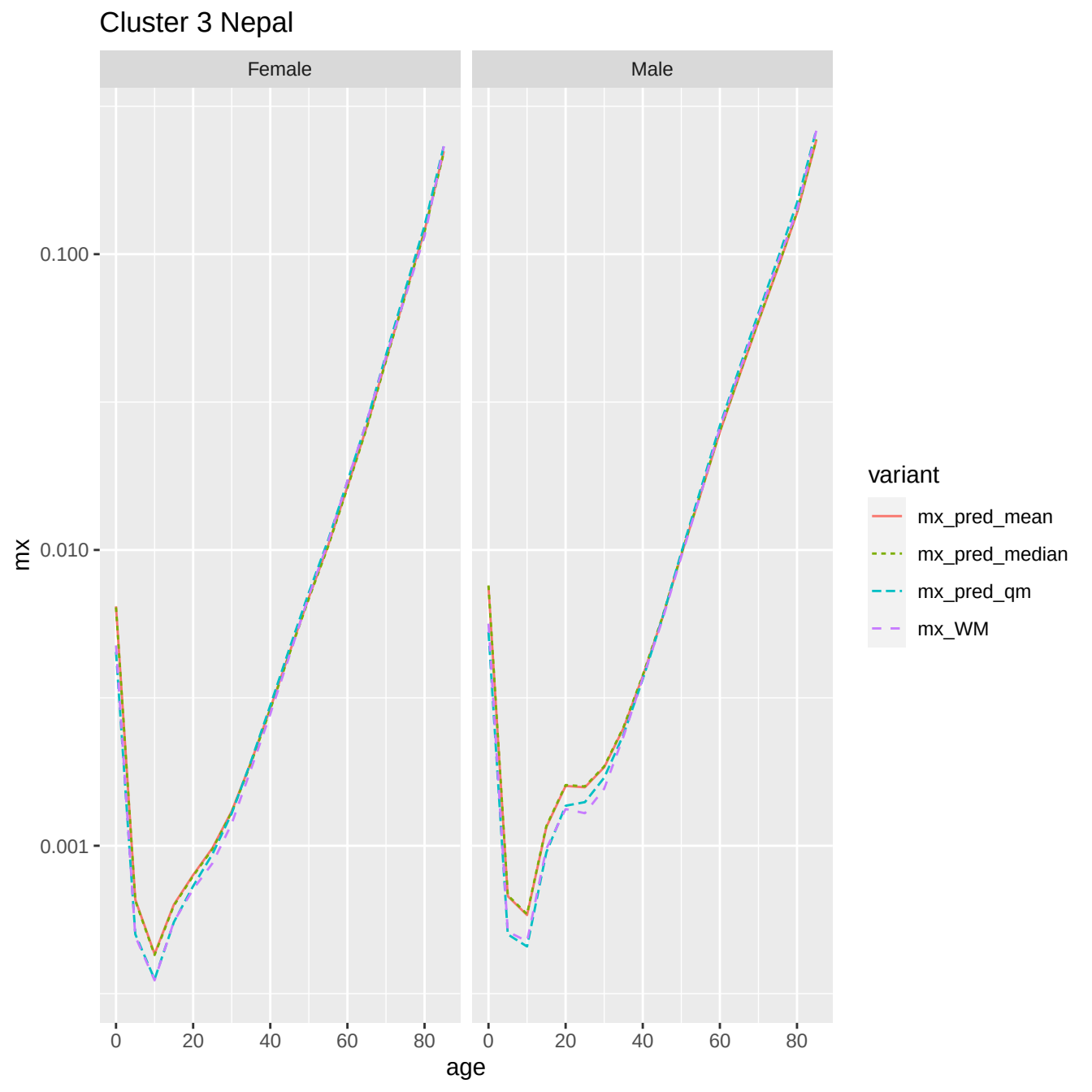

Cluster 3 Malawi
Female
Male
0.100
0.010
0.001
mx
0
20
40
60
80
age
variant
mx_pred_mean
mx_pred_median
mx_pred_qm
mx_WM

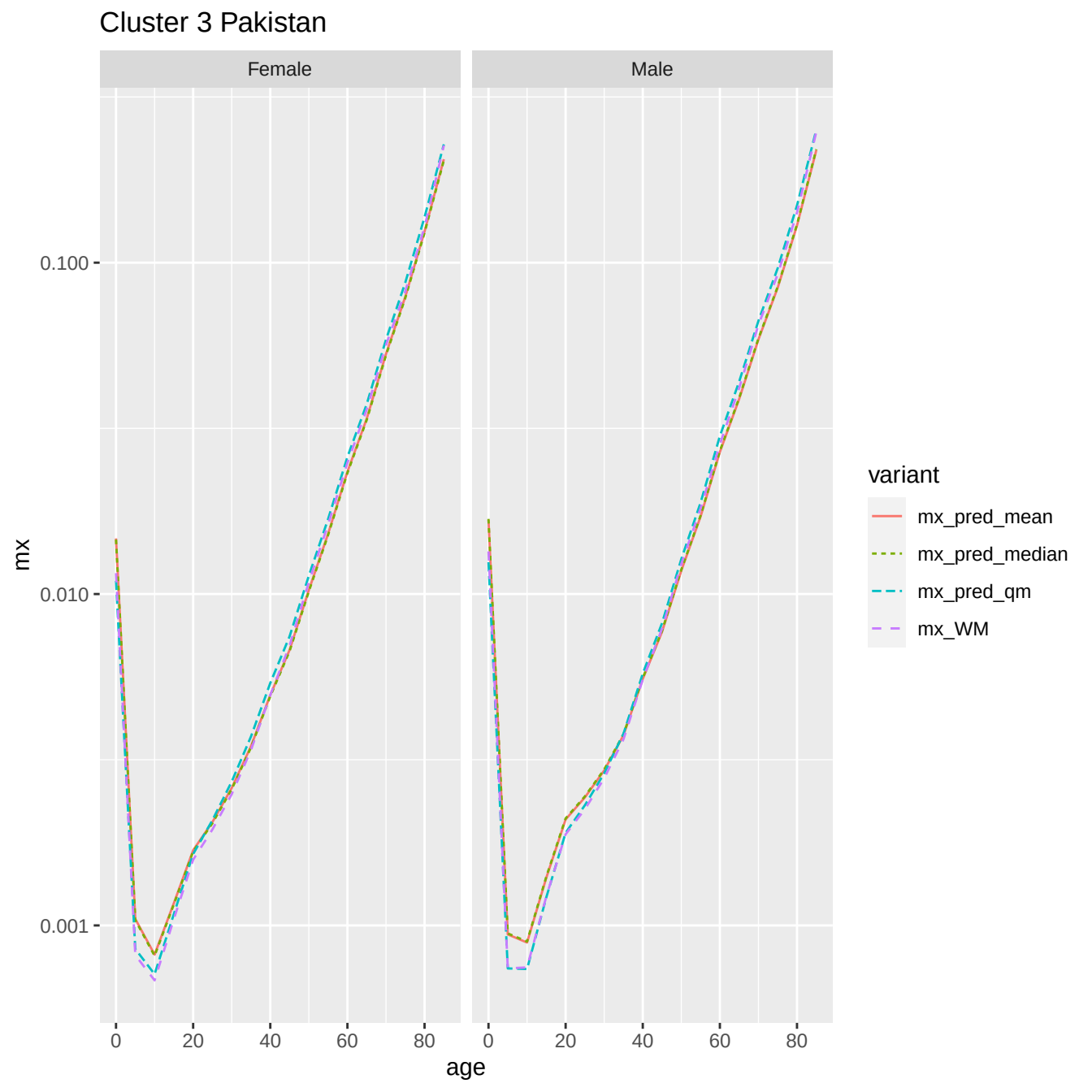

Cluster 3 Namibia
Female
Male
mx
0.100
0.010
0.001
0
20
40
60
80
age
variant
mx_pred_mean
mx_pred_median
mx_pred_qm
mx_WM

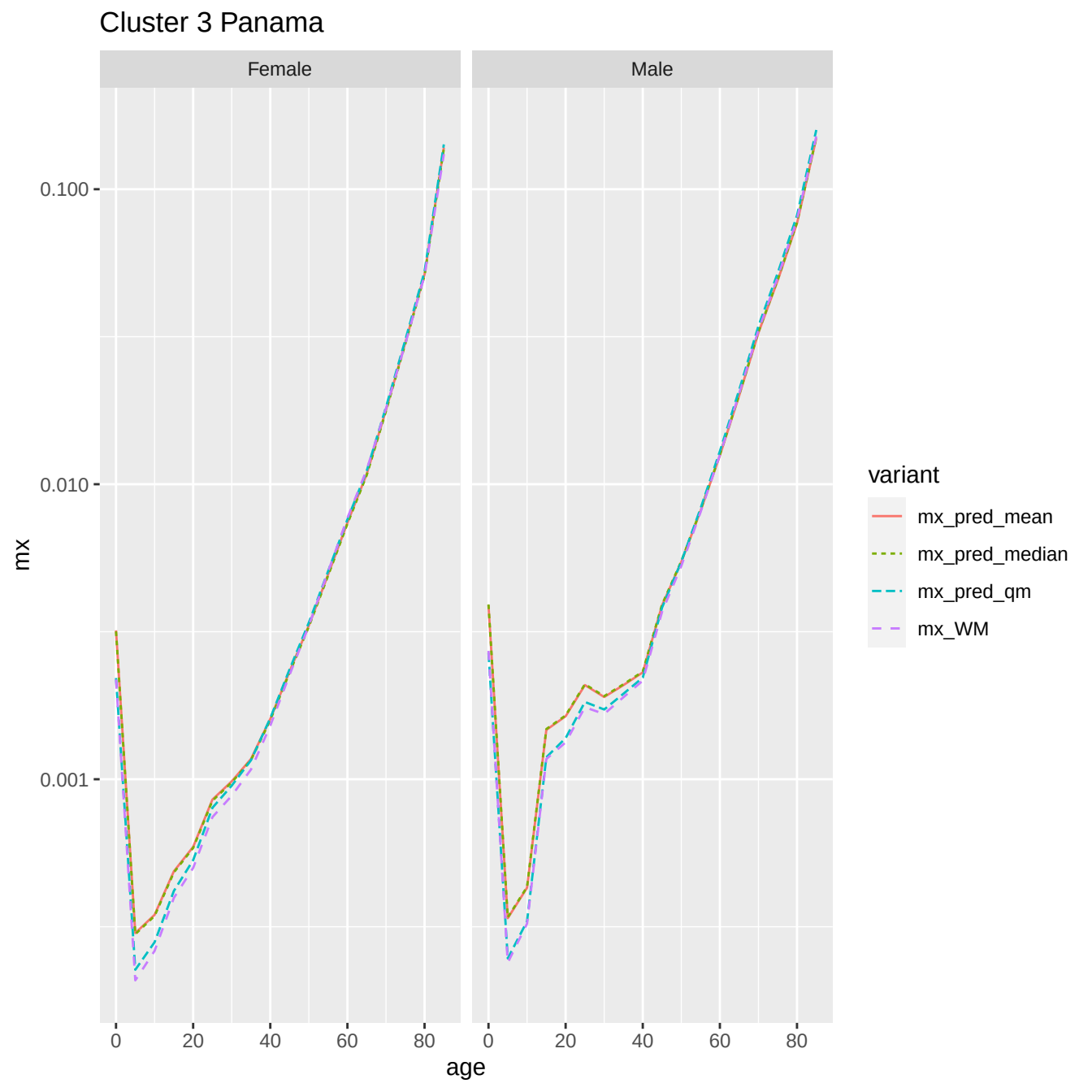

Cluster 3 Niger
Female
Male
mx
0.100
0.010
0.001
0
20
40
60
80
age
variant
mx_pred_mean
mx_pred_median
mx_pred_qm
mx_WM

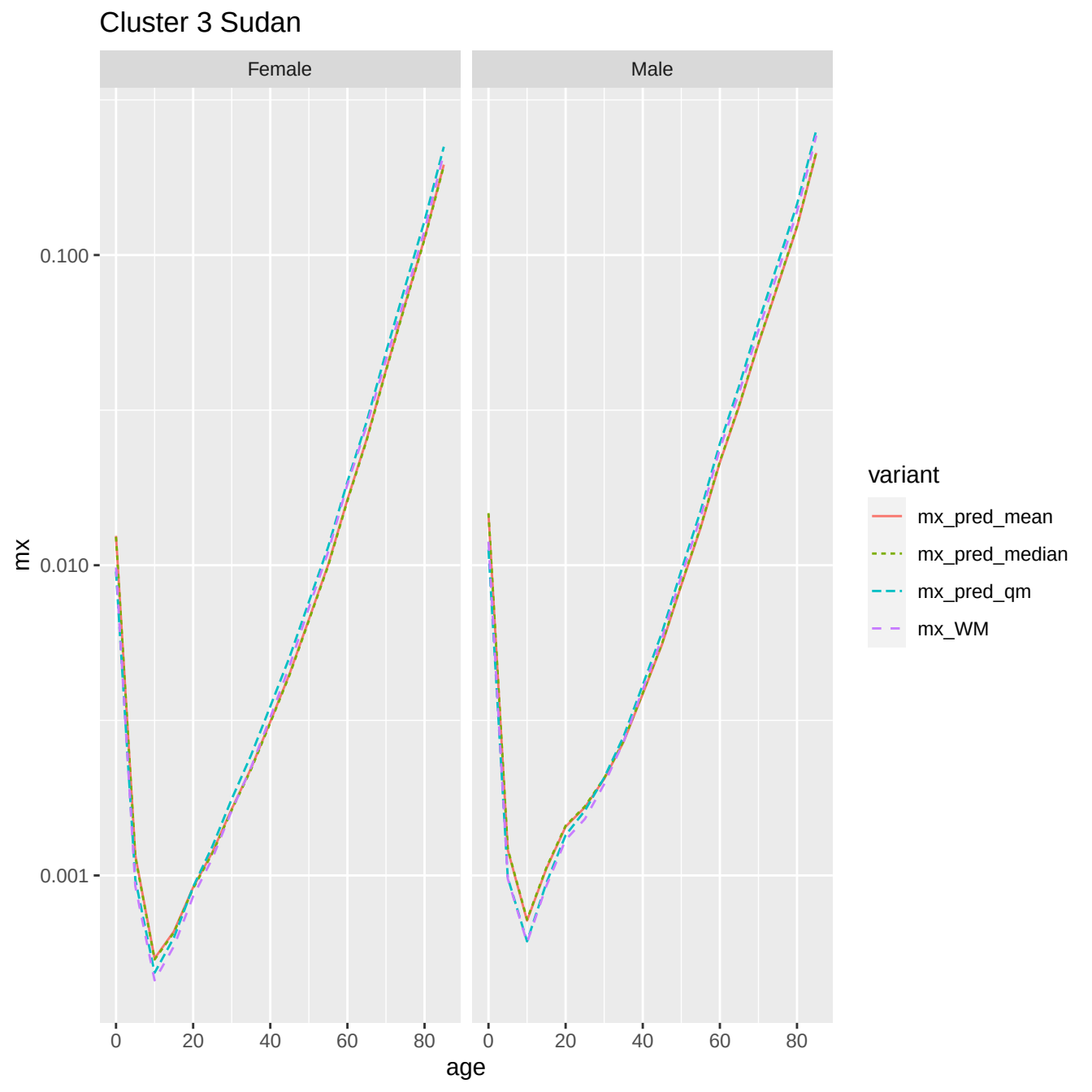

Cluster 3 Nigeria
Female
Male
0.100
0.010
0.001
mx
0
20
40
60
80
age
variant
mx_pred_mean
mx_pred_median
mx_pred_qm
mx_WM

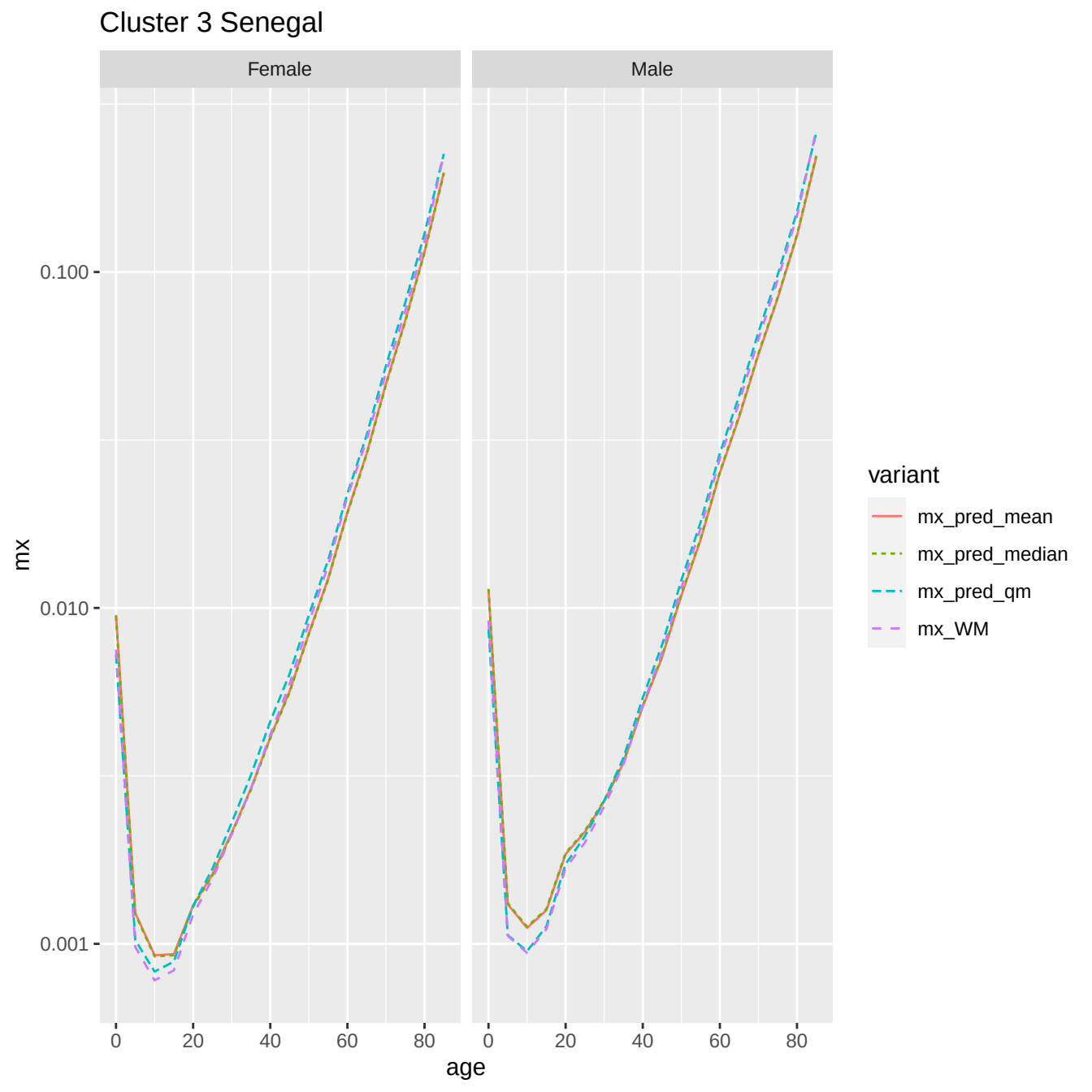

Cluster 3 Nicaragua
Female
Male
0.100
0.010
0.001
mx
0
20
40
60
80
age
variant
mx_pred_mean
mx_pred_median
mx_pred_qm
mx_WM

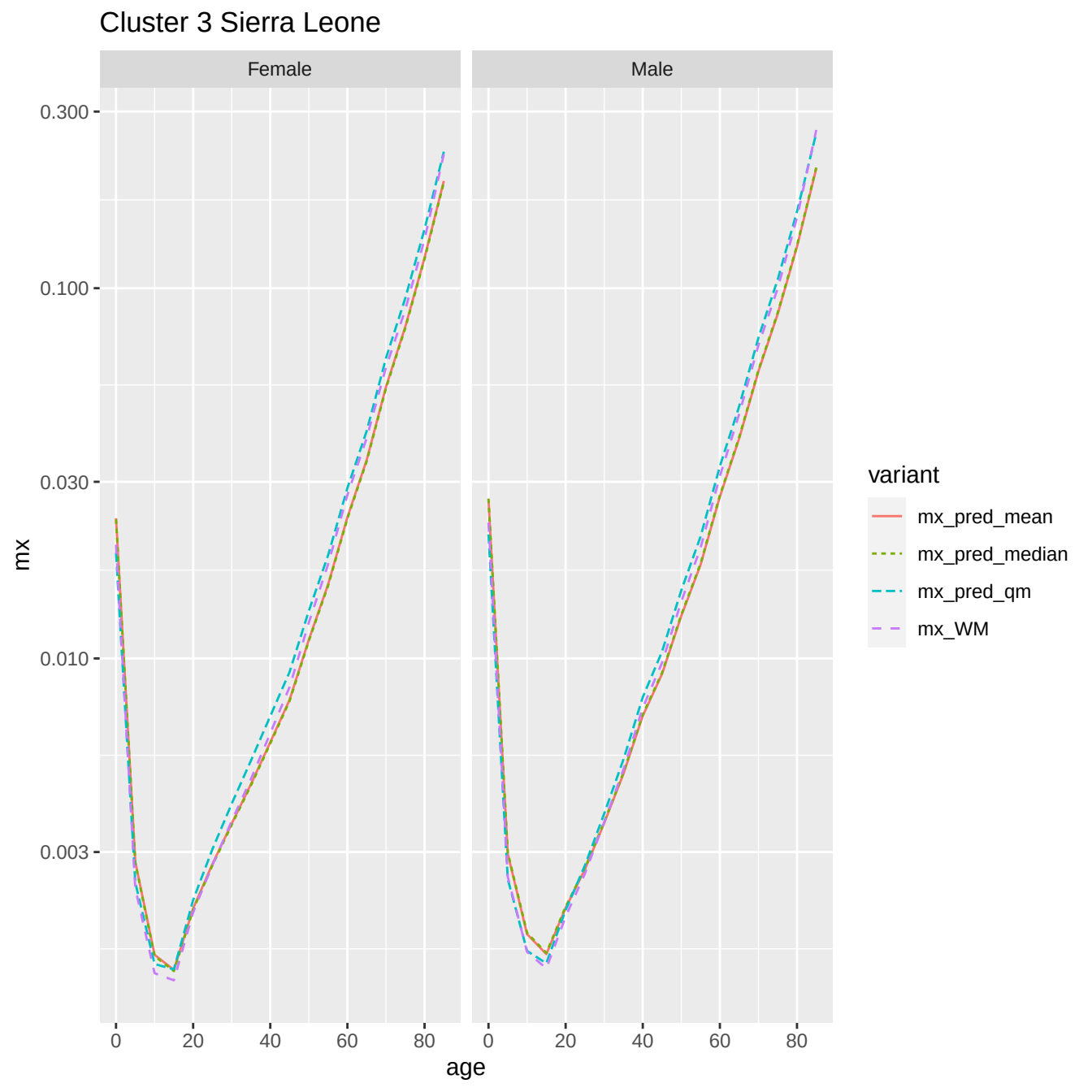

Cluster 3 Nepal
Female
Male
0.100
0.010
0.001
mx
0
20
40
60
80
age
variant
mx_pred_mean
mx_pred_median
mx_pred_qm
mx_WM

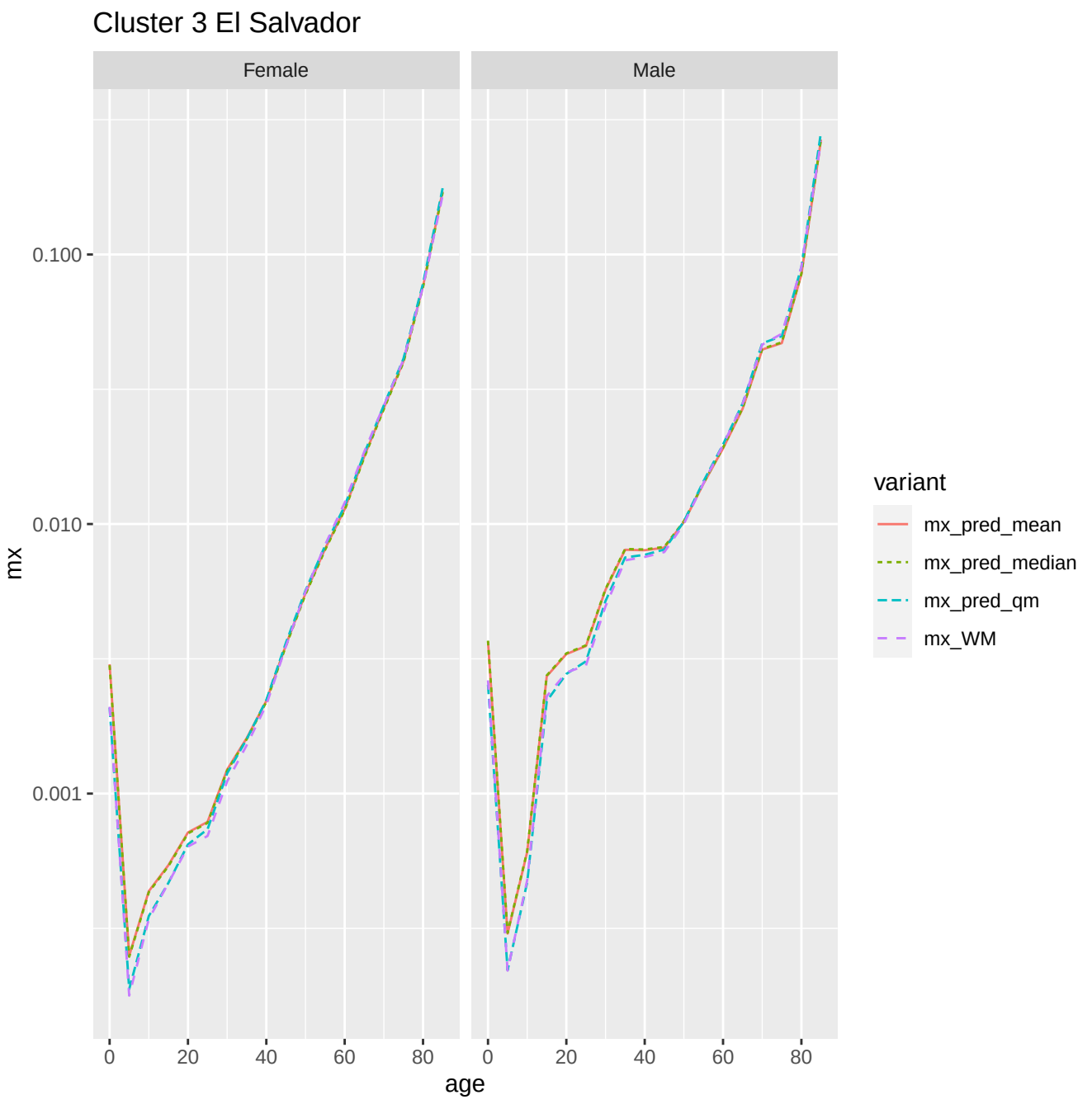

Cluster 3 Pakistan
Female
Male
mx
0.100
0.010
0.001
0
20
40
60
80
age
variant
mx_pred_mean
mx_pred_median
mx_pred_qm
mx_WM

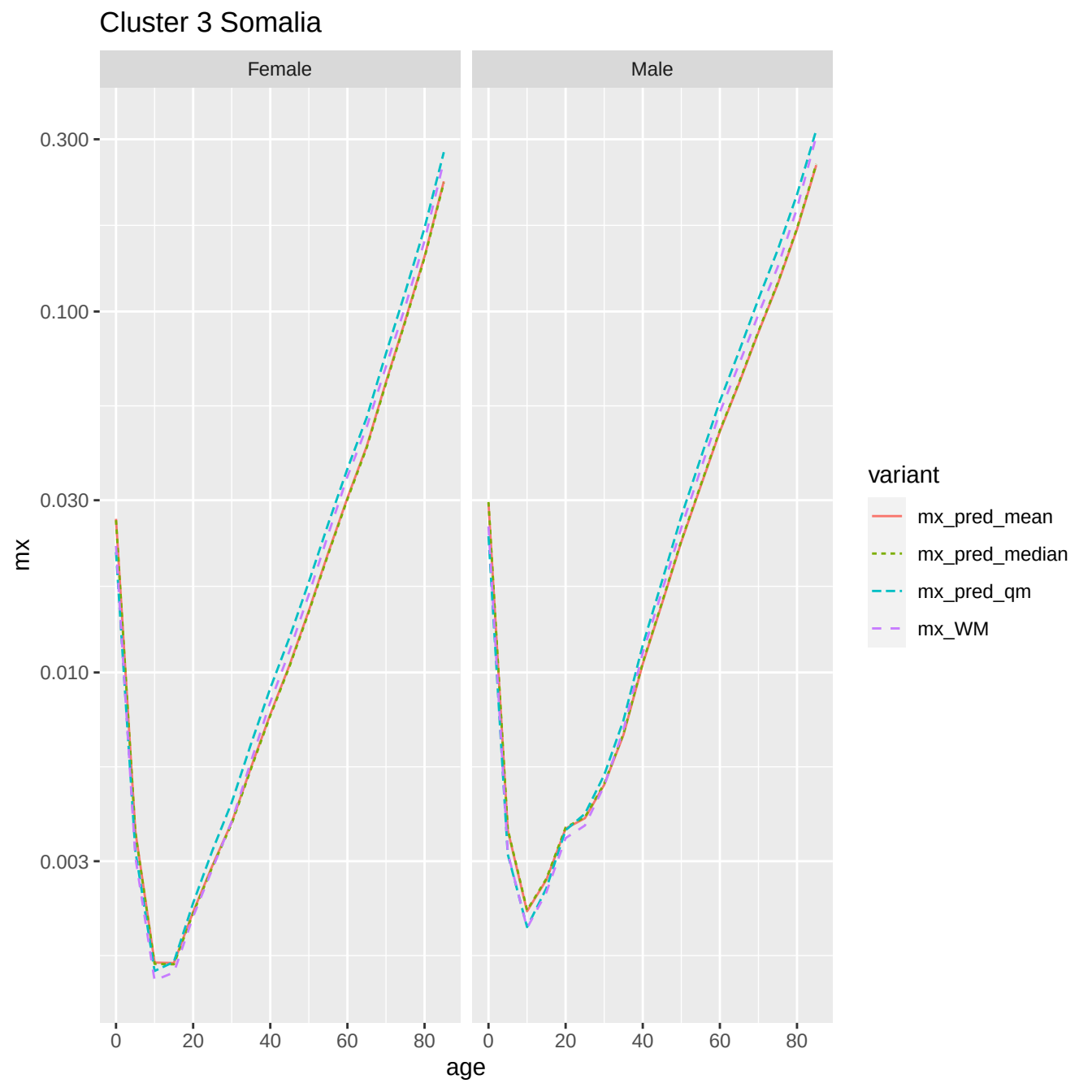

Cluster 3 Panama
Female
Male
0.100
0.010
0.001
mx
0
20
40
60
80
age
variant
mx_pred_mean
mx_pred_median
mx_pred_qm
mx_WM

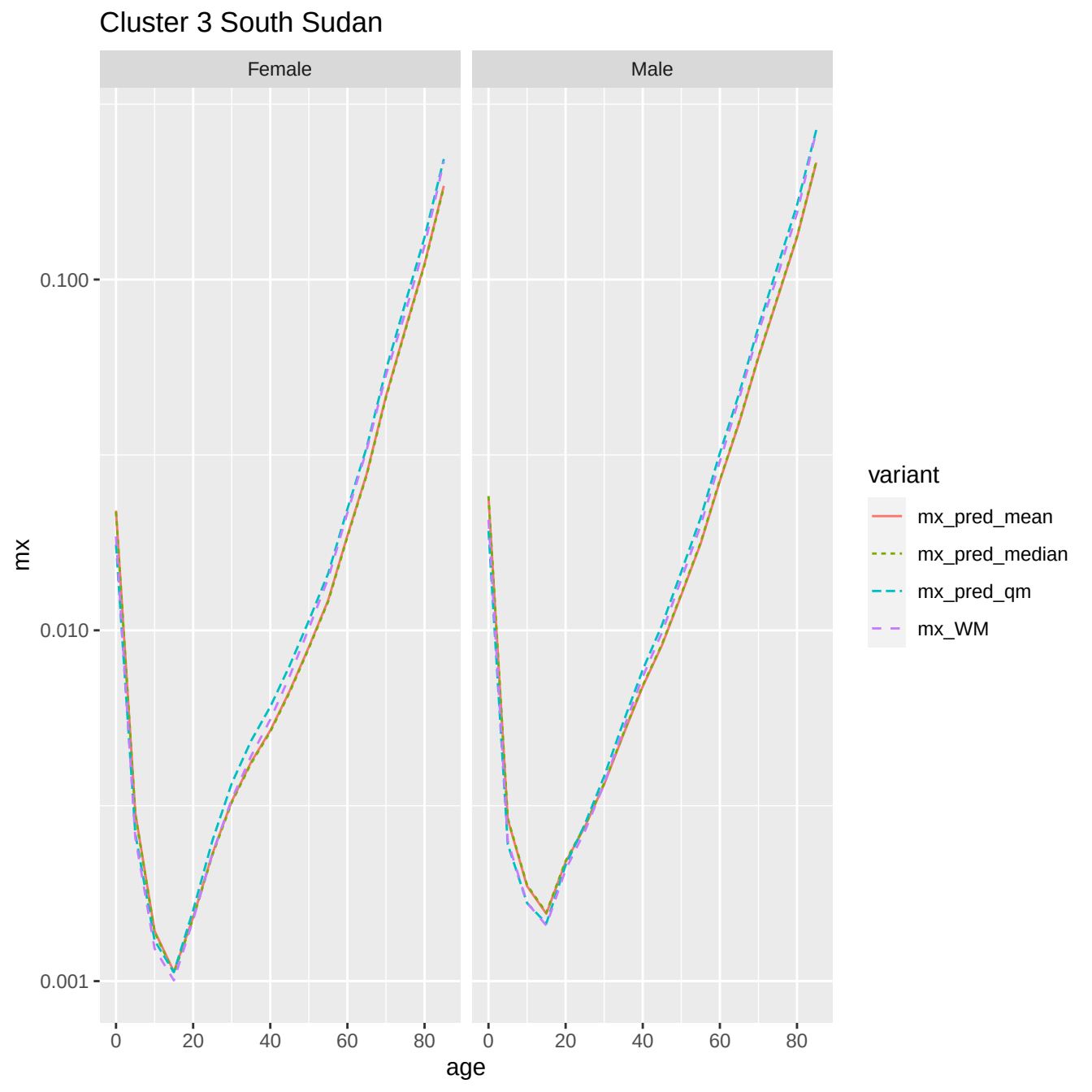

Cluster 3 Sudan
Female
Male
0.100
0.010
0.001
mx
0
20
40
60
80
age
variant
mx_pred_mean
mx_pred_median
mx_pred_qm
mx_WM

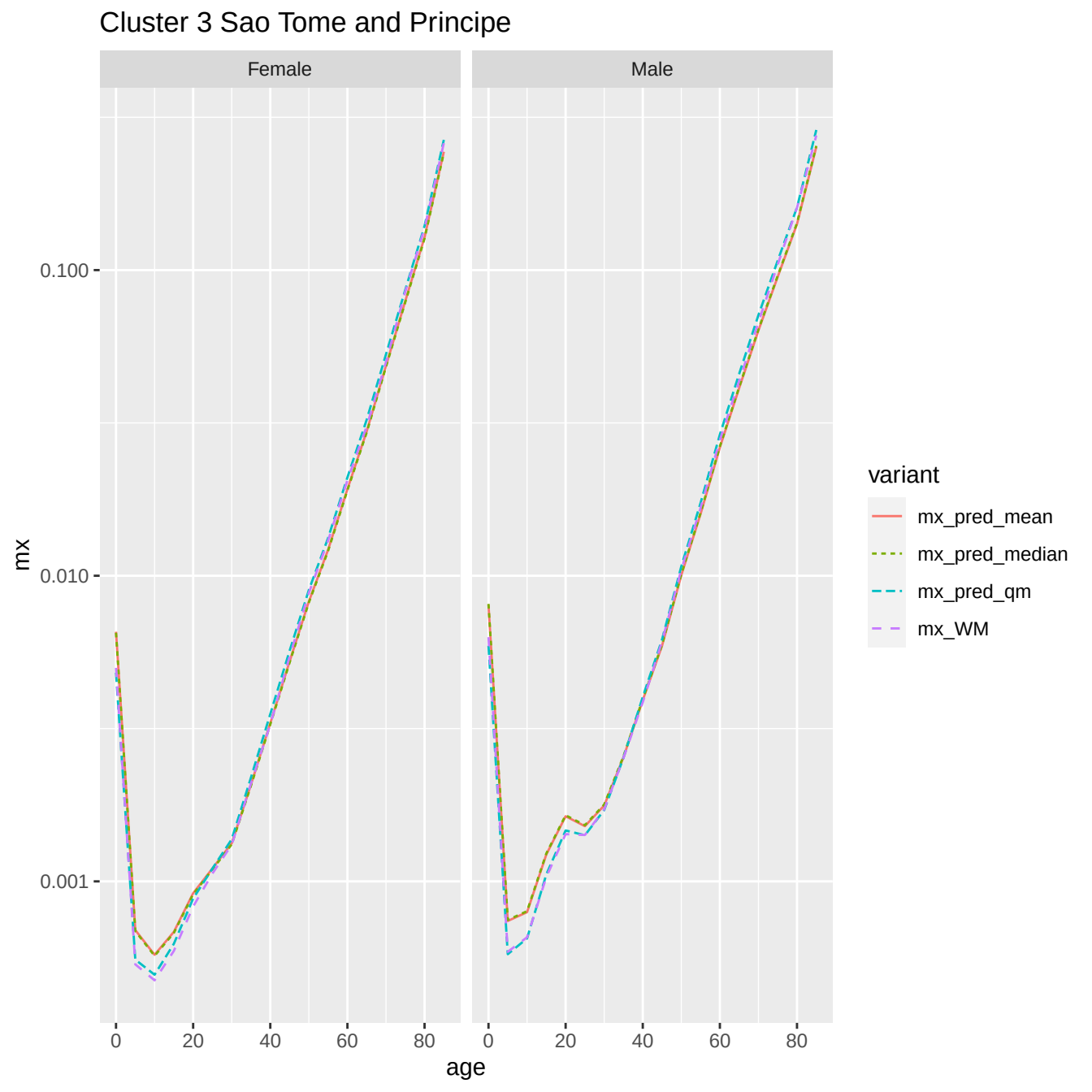

Cluster 3 Senegal
Female
Male
0.100
0.010
0.001
mx
0
20
40
60
80
age
variant
mx_pred_mean
mx_pred_median
mx_pred_qm
mx_WM

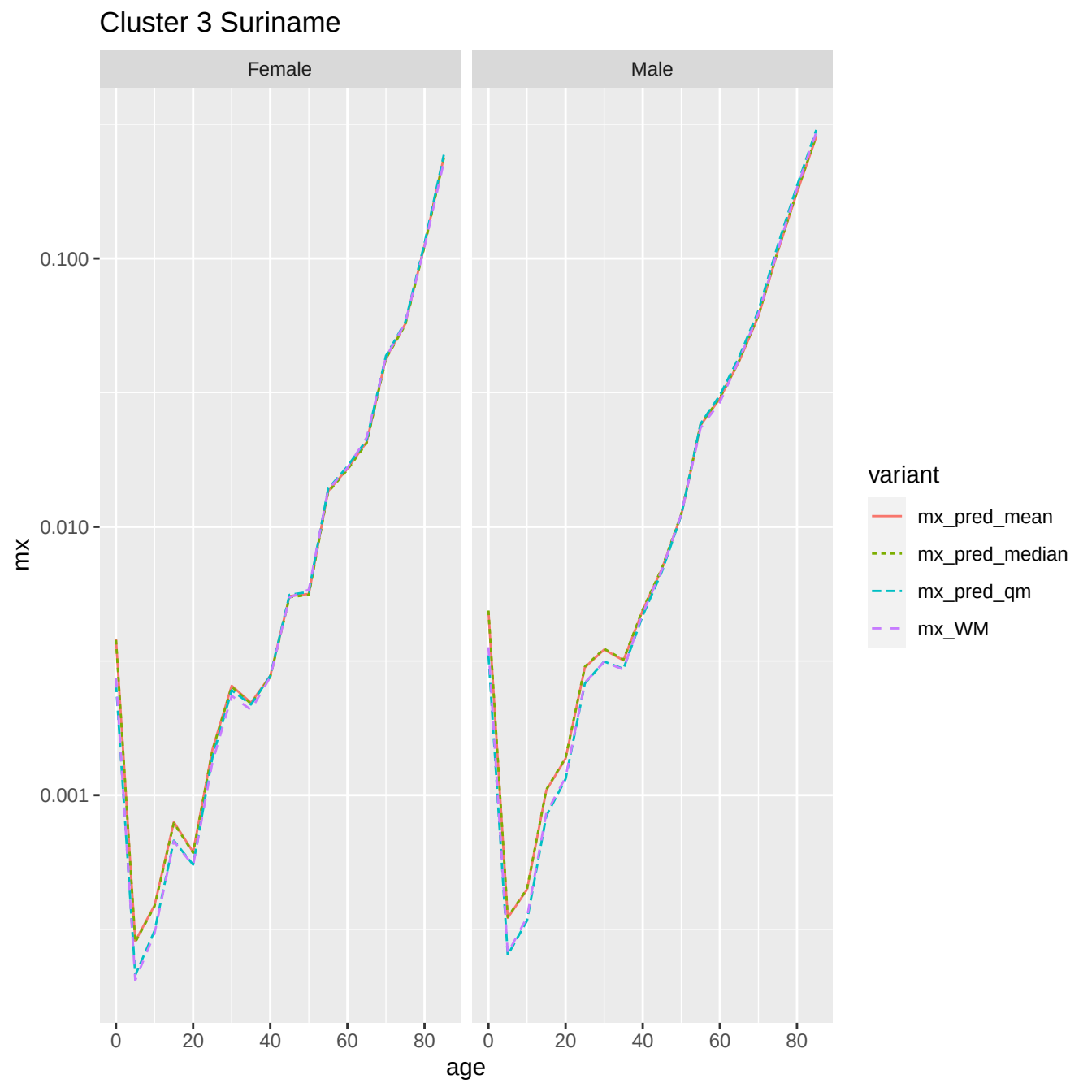

Cluster 3 Sierra Leone
Female
Male
0.300
0.100
0.030
0.010
0.003
mx
0
20
40
60
80
age
variant
mx_pred_mean
mx_pred_median
mx_pred_qm
mx_WM

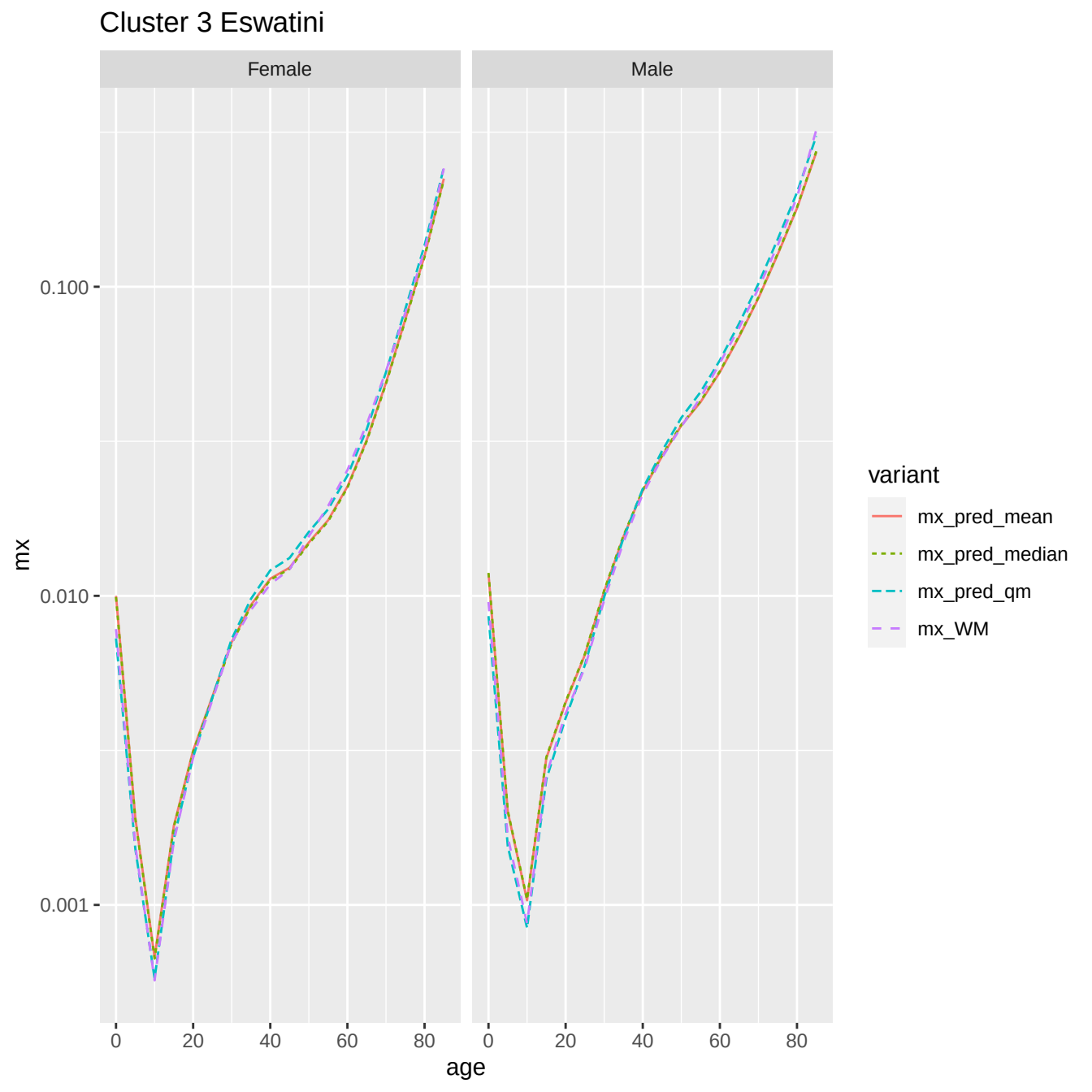

Cluster 3 El Salvador
Female
Male
0.100
0.010
0.001
mx
0
20
40
60
80
age
variant
mx_pred_mean
mx_pred_median
mx_pred_qm
mx_WM

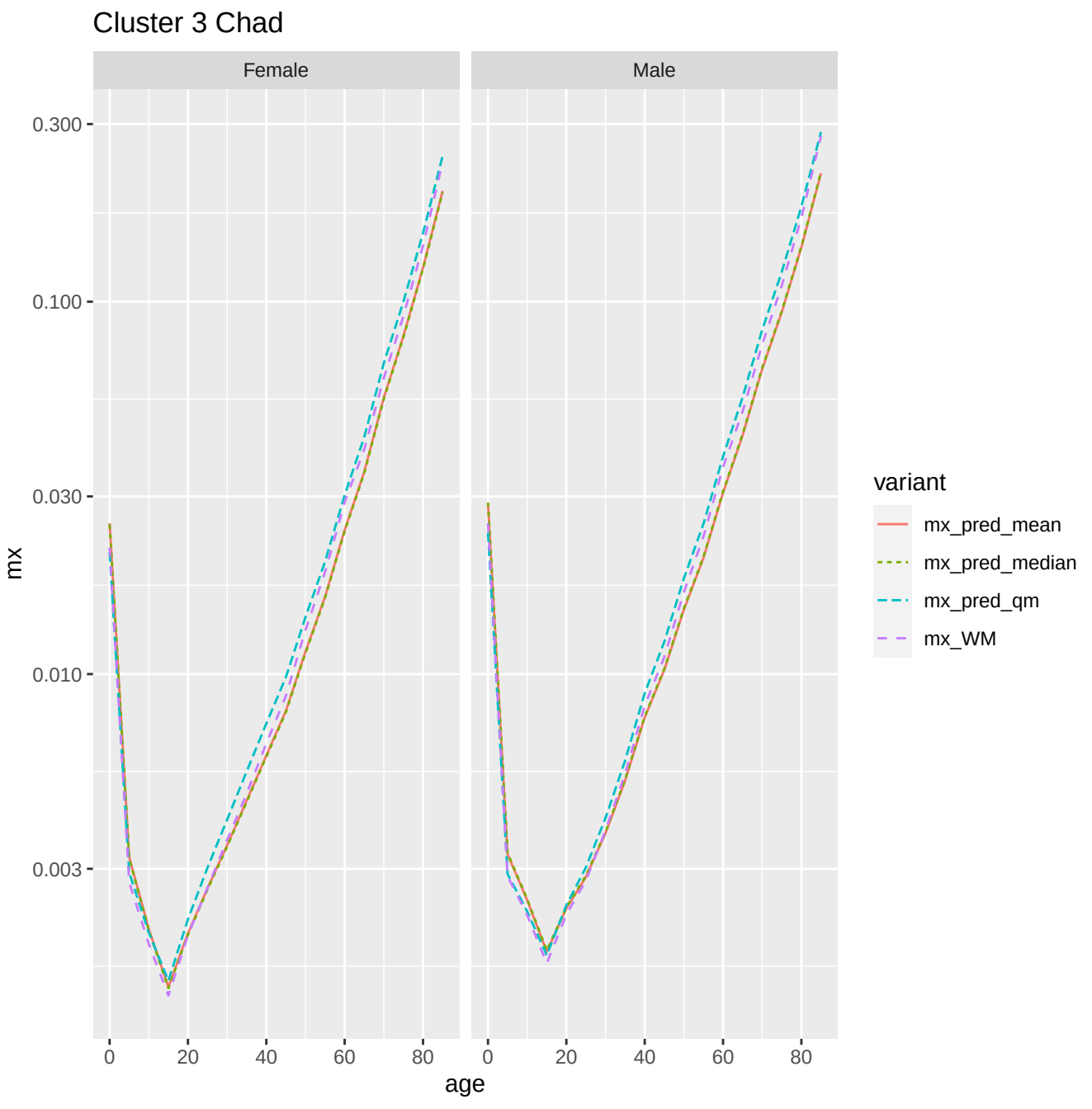

Cluster 3 Somalia
Female
Male
0.300
0.100
0.030
0.010
0.003
mx
0
20
40
60
80
age
variant
mx_pred_mean
mx_pred_median
mx_pred_qm
mx_WM

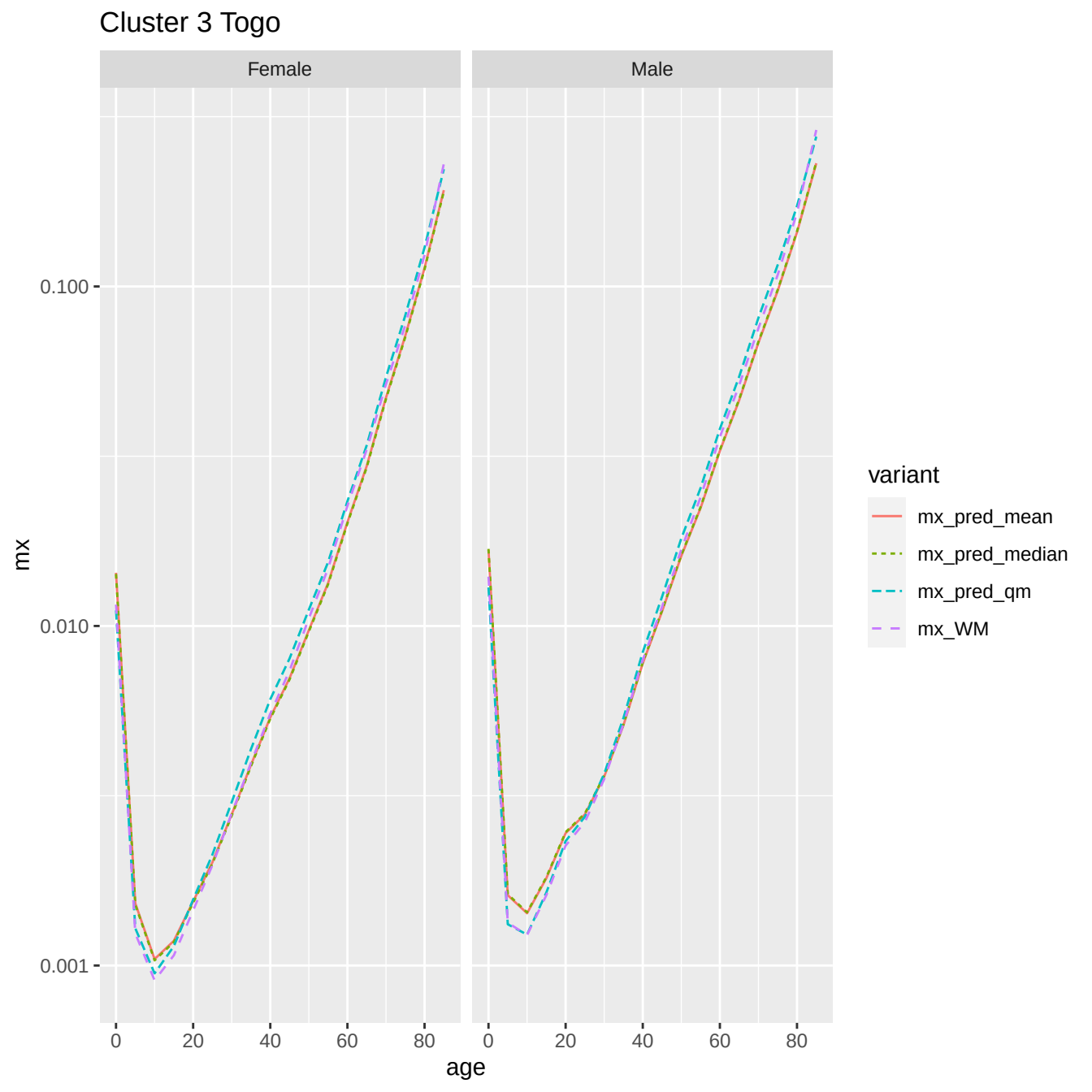

Cluster 3 South Sudan
Female
Male
0.100
0.010
0.001
mx
0
20
40
60
80
age
variant
mx_pred_mean
mx_pred_median
mx_pred_qm
mx_WM

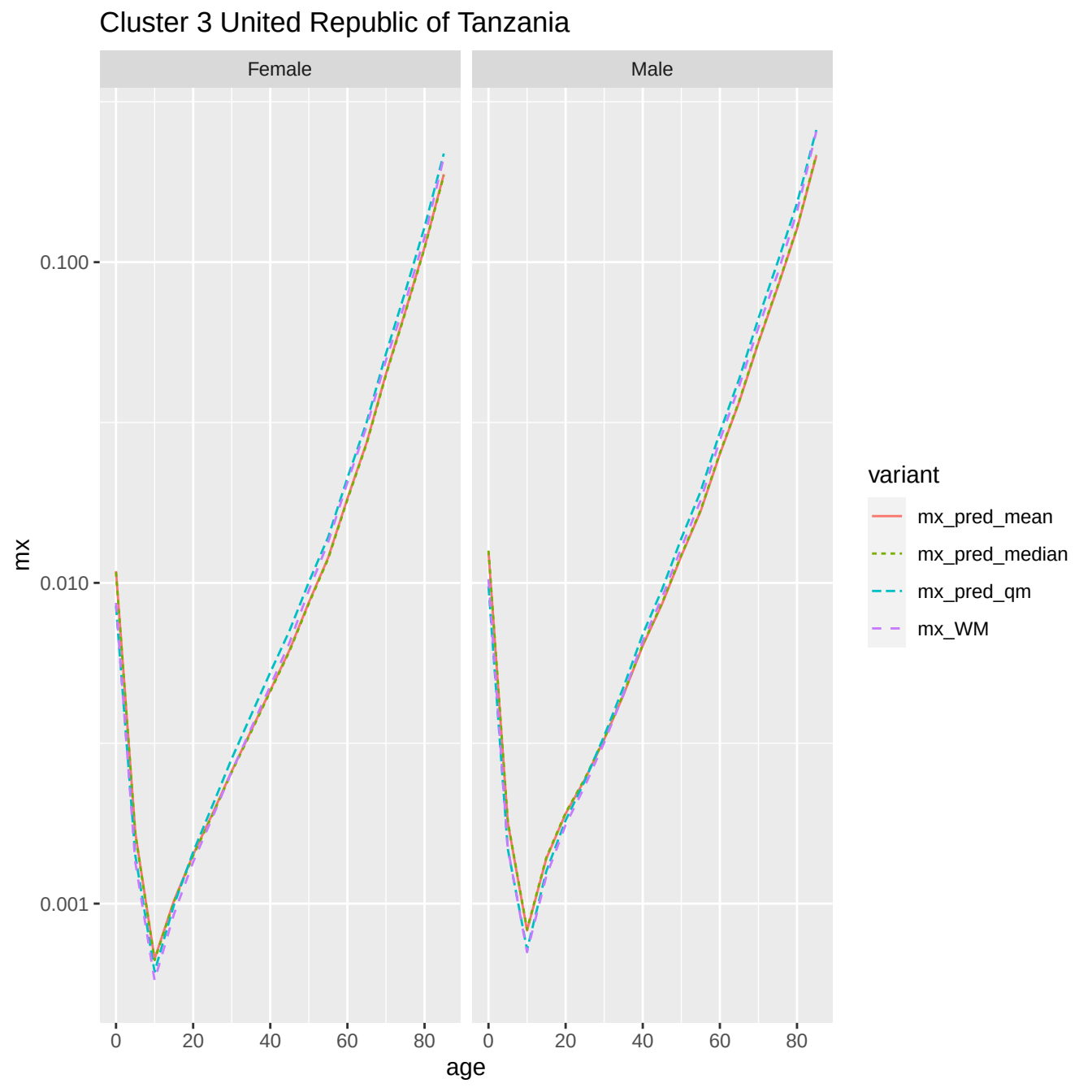

Cluster 3 Sao Tome and Principe
Female
Male
mx
0.100
0.010
0.001
0
20
40
60
80
age
variant
mx_pred_mean
mx_pred_median
mx_pred_qm
mx_WM

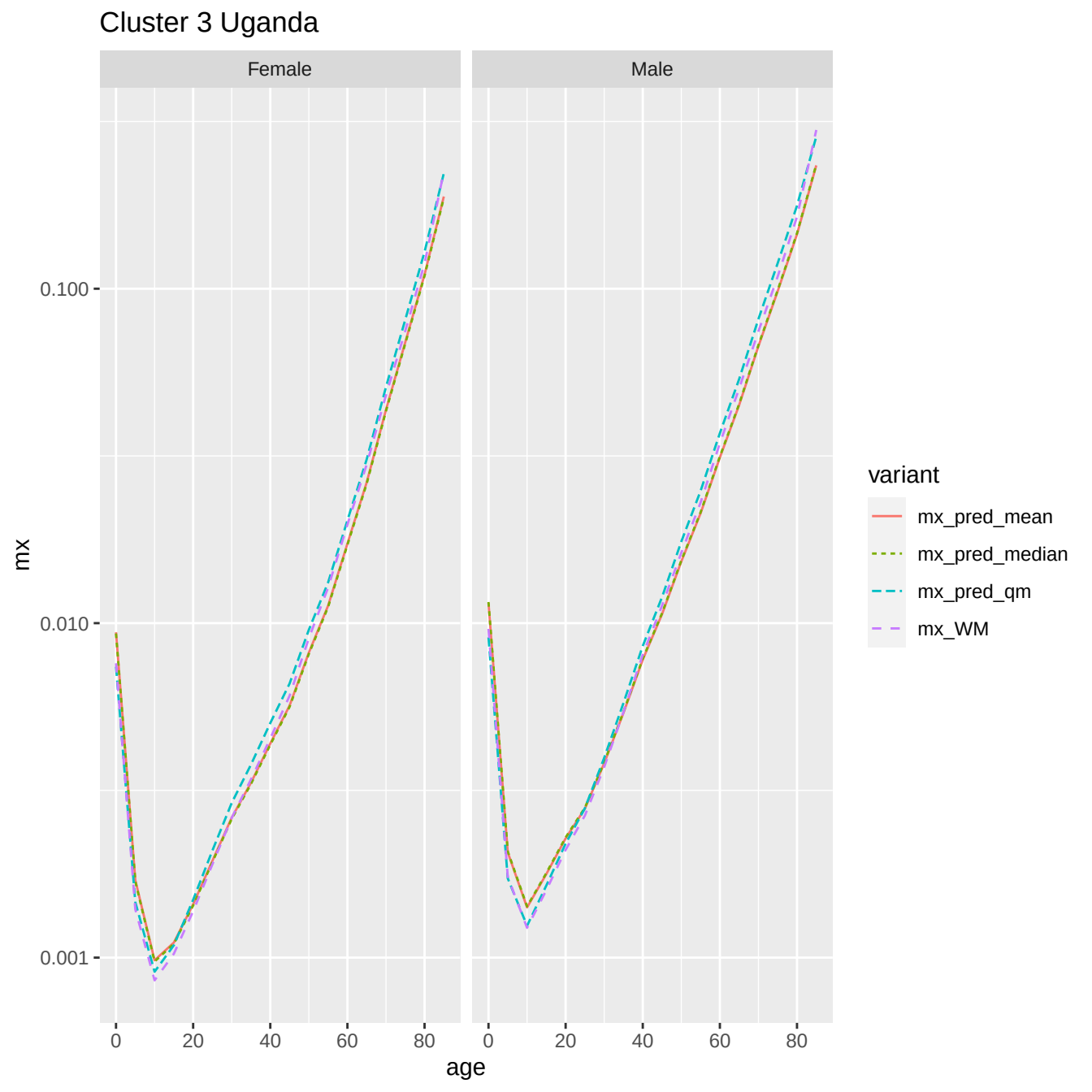

Cluster 3 Suriname
Female
Male
0.100
0.010
0.001
mx
0
20
40
60
80
age
variant
mx_pred_mean
mx_pred_median
mx_pred_qm
mx_WM

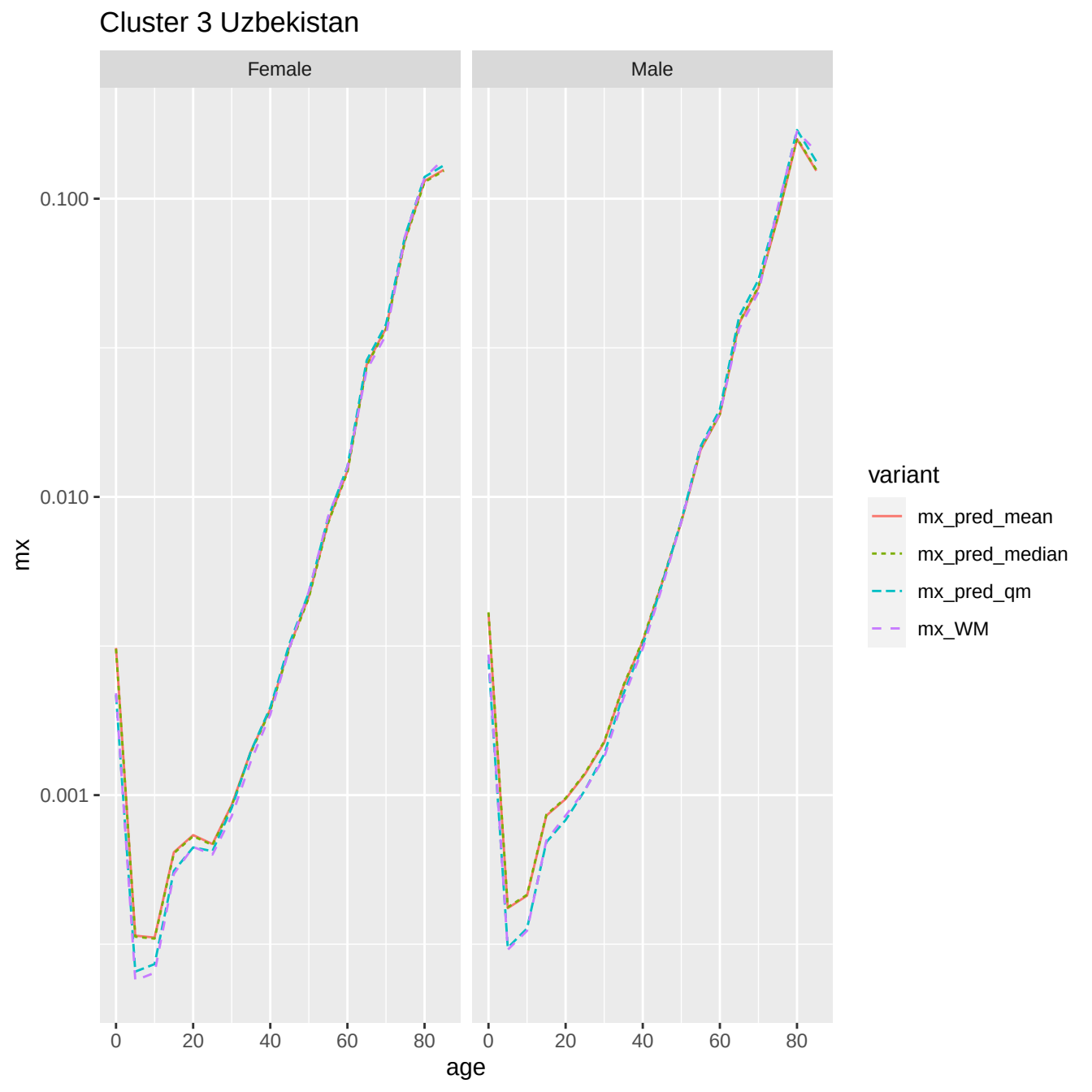

Cluster 3 Eswatini
Female
Male
0.100
0.010
0.001
mx
0
20
40
60
80
age
variant
mx_pred_mean
mx_pred_median
mx_pred_qm
mx_WM

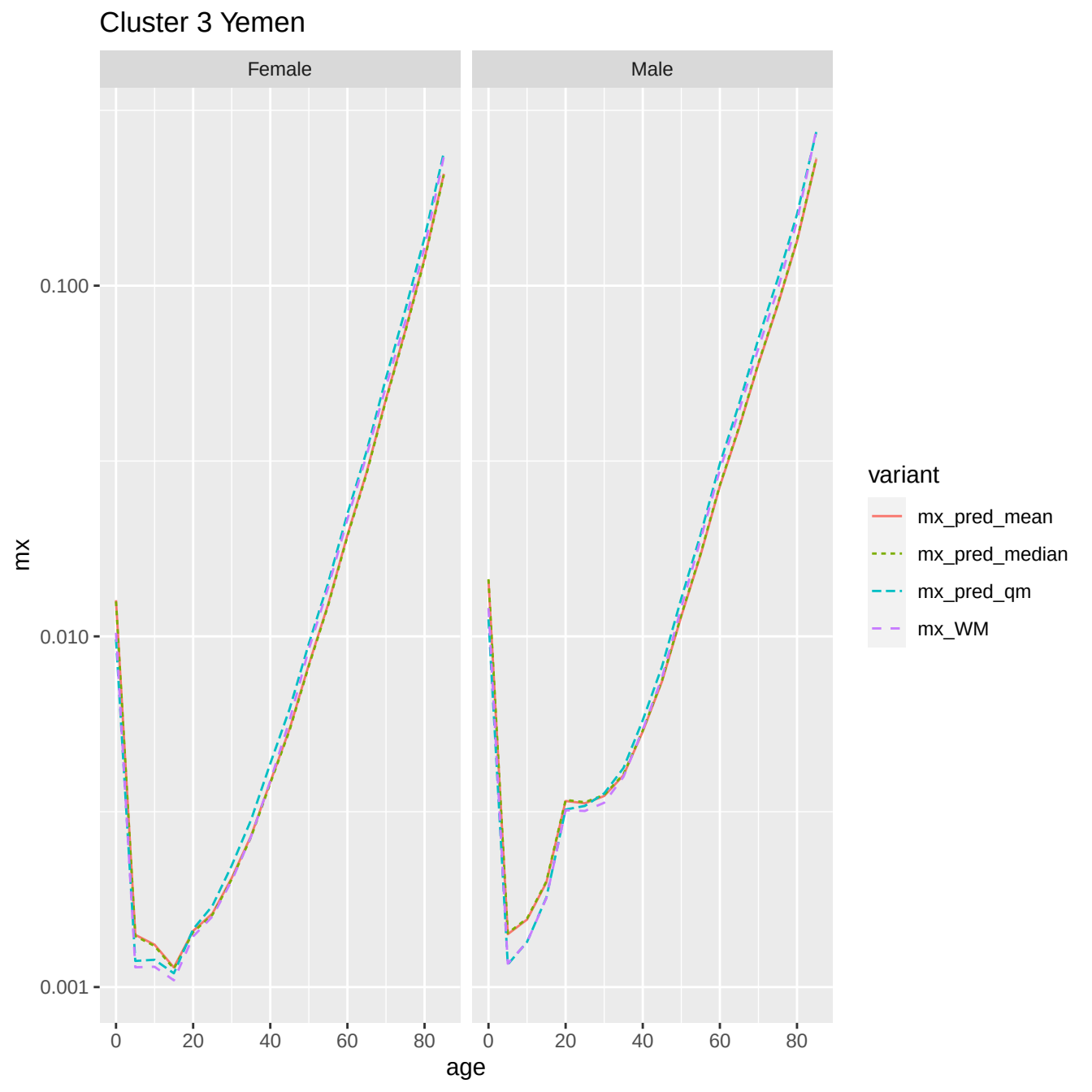

Cluster 3 Chad
Female
Male
0.300
0.100
0.030
0.010
0.003
mx
0
20
40
60
80
age
variant
mx_pred_mean
mx_pred_median
mx_pred_qm
mx_WM

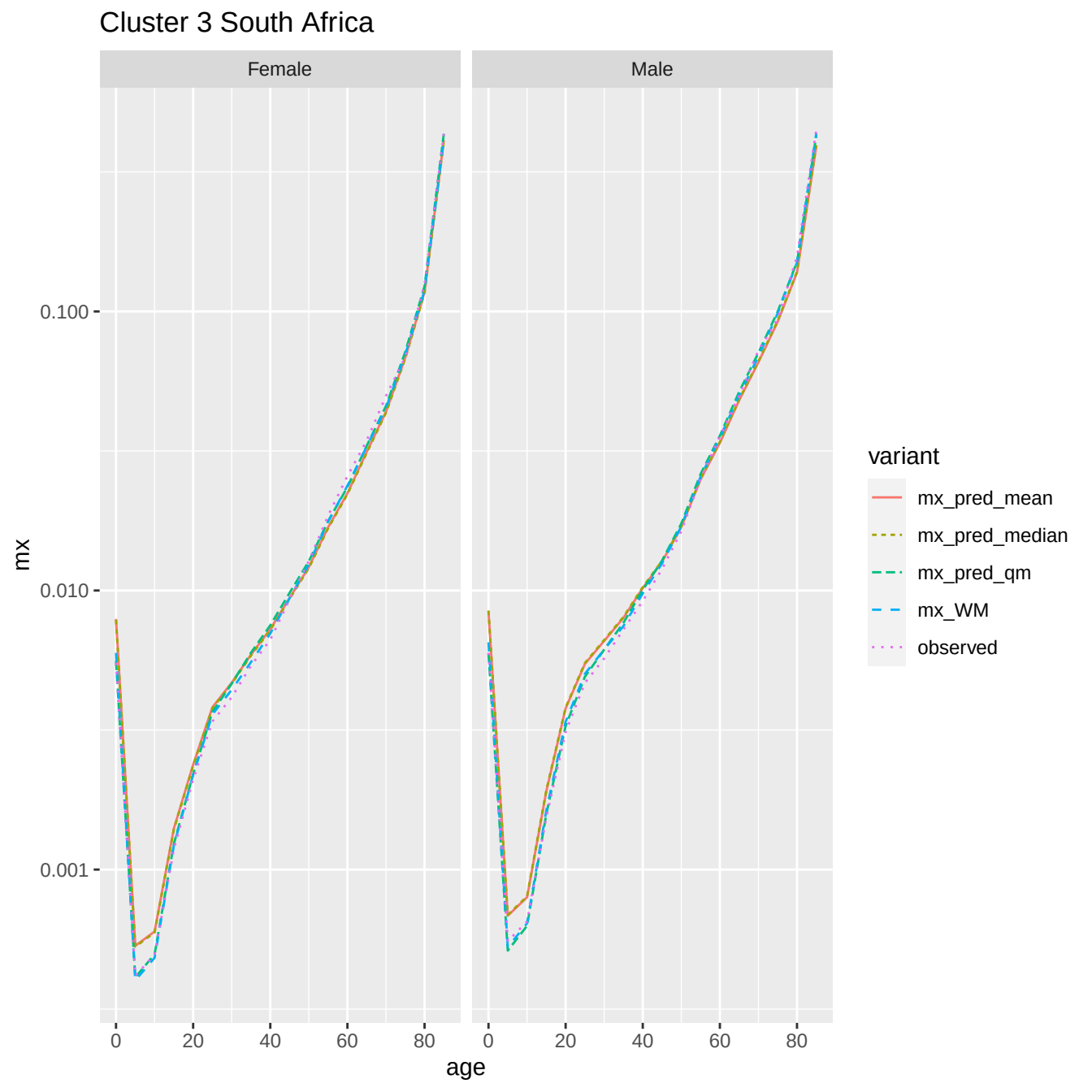

Cluster 3 Togo
Female
Male
0.100
0.010
0.001
mx
0
20
40
60
80
age
variant
mx_pred_mean
mx_pred_median
mx_pred_qm
mx_WM

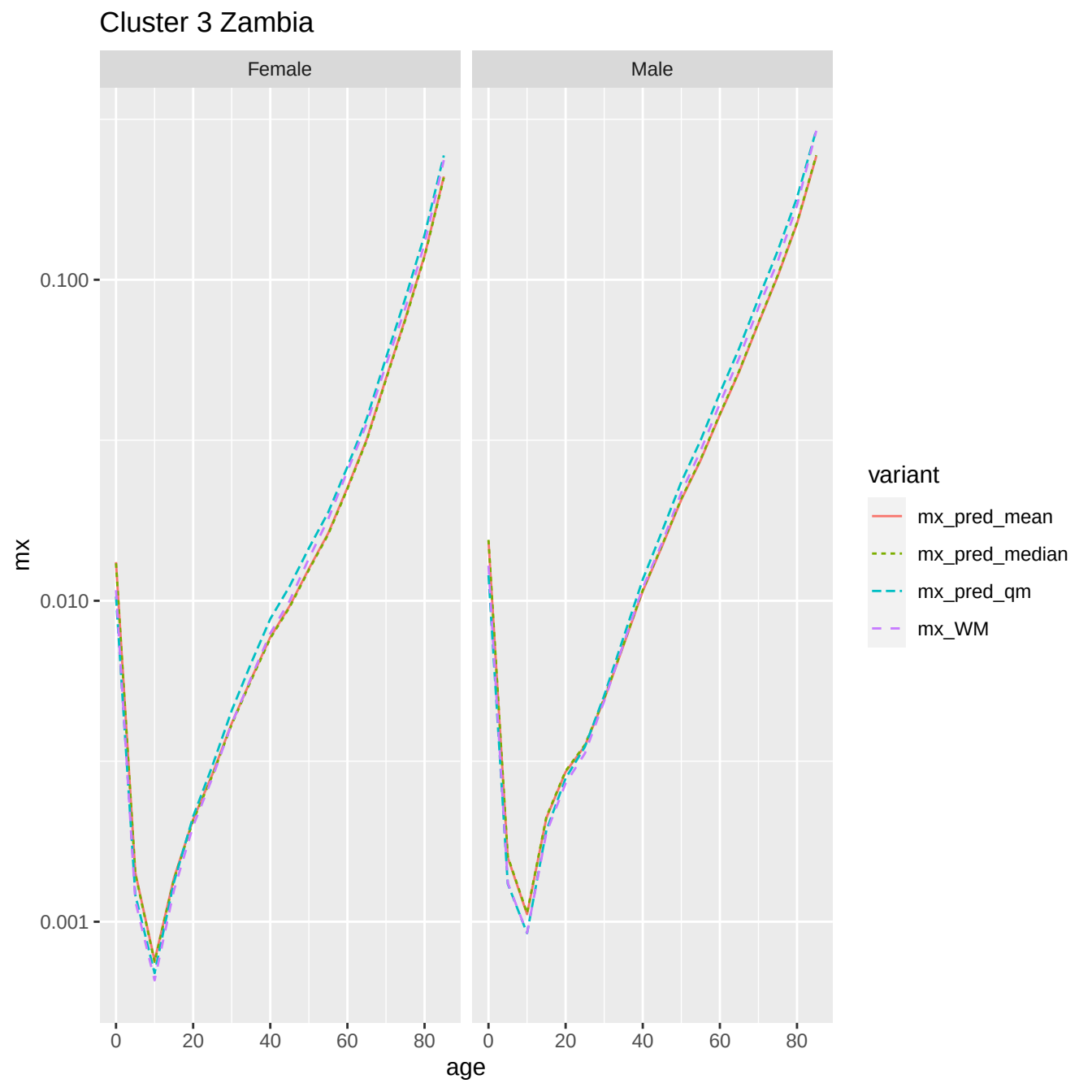

Cluster 3 United Republic of Tanzania
Female
Male
mx
0.100
0.010
0.001
0
20
40
60
80
age
variant
mx_pred_mean
mx_pred_median
mx_pred_qm
mx_WM

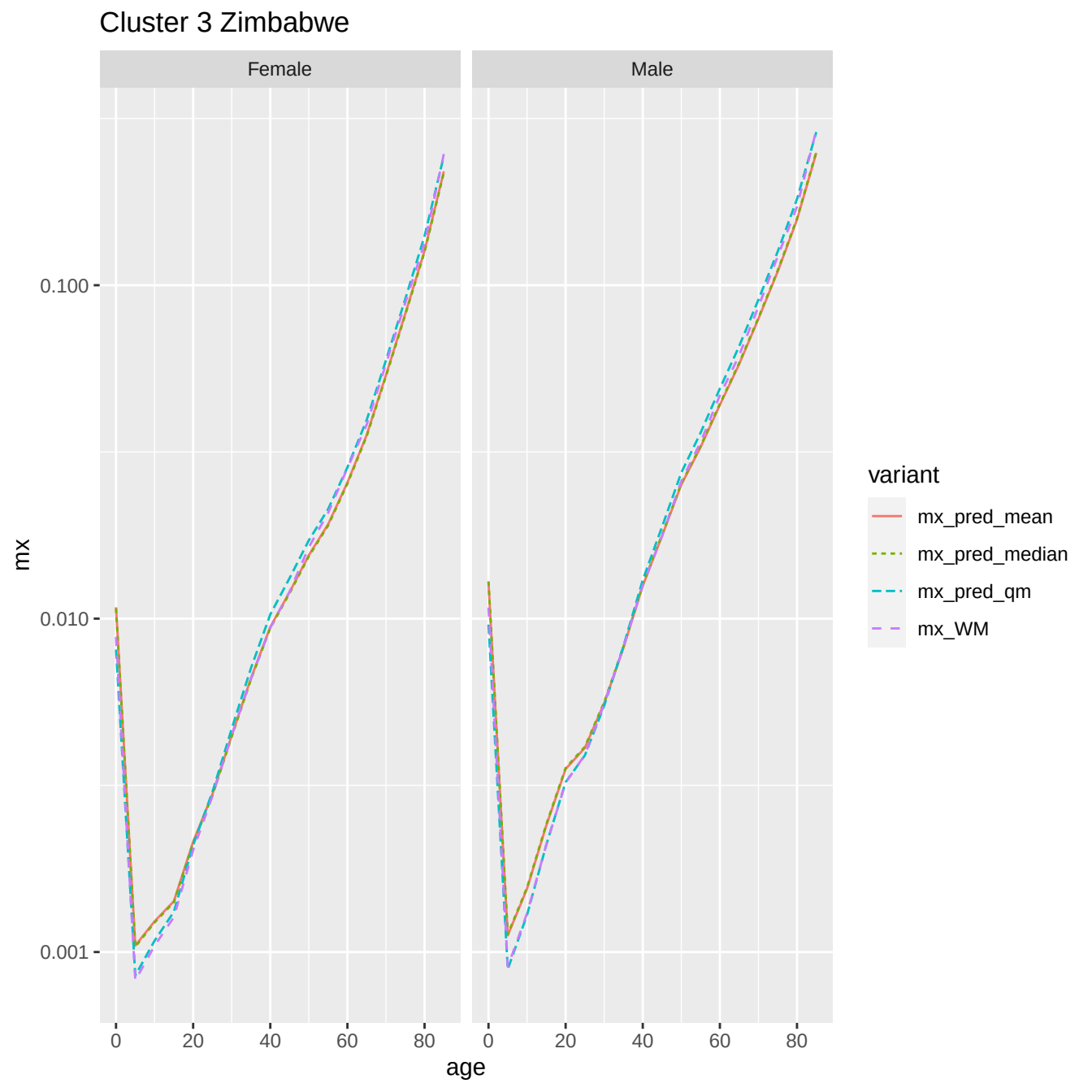

Cluster 3 Uganda
Female
Male
0.100
0.010
0.001
mx
0
20
40
60
80
age
variant
mx_pred_mean
mx_pred_median
mx_pred_qm
mx_WM

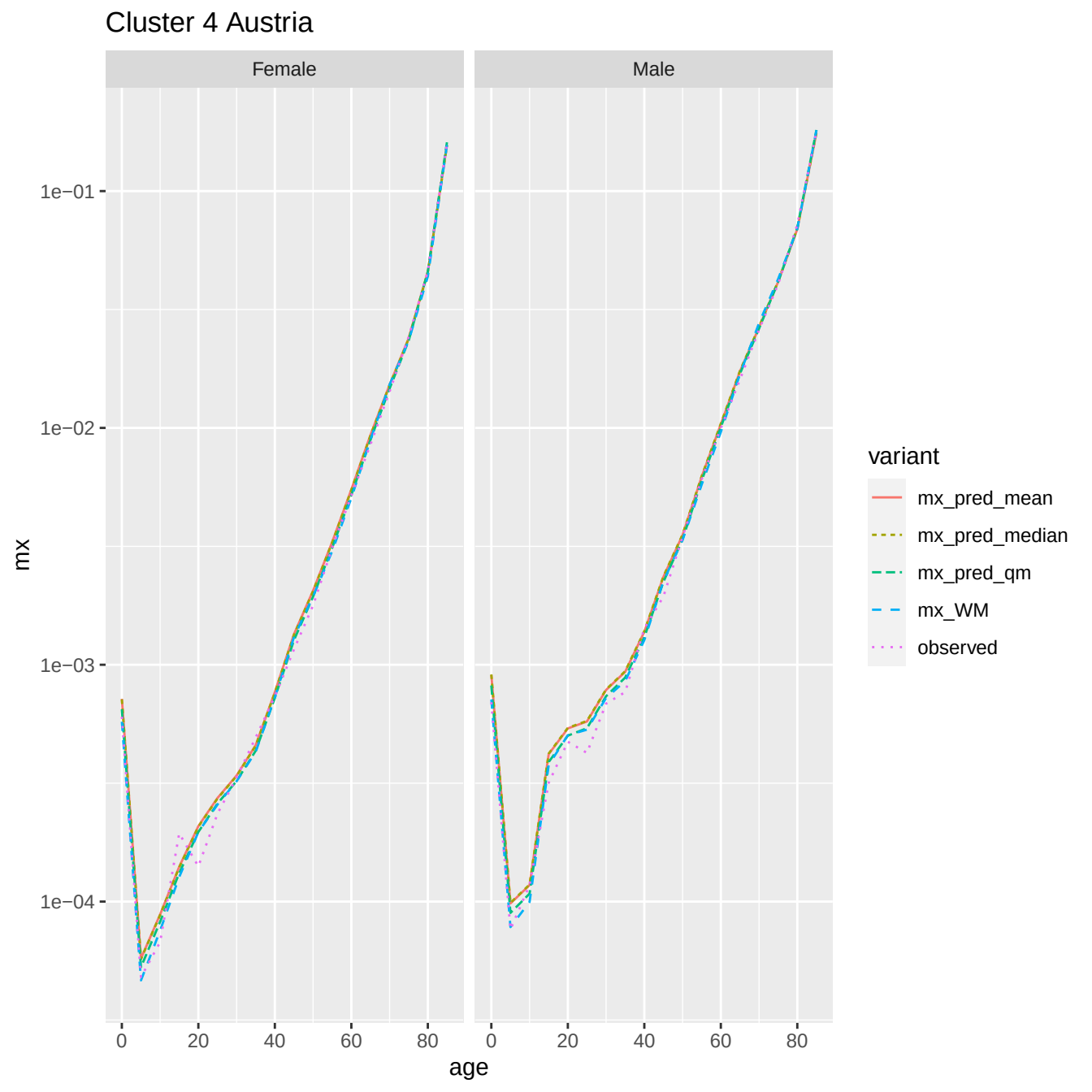

Cluster 3 Uzbekistan
Female
Male
0.100
0.010
0.001
mx
0
20
40
60
80
age
variant
mx_pred_mean
mx_pred_median
mx_pred_qm
mx_WM

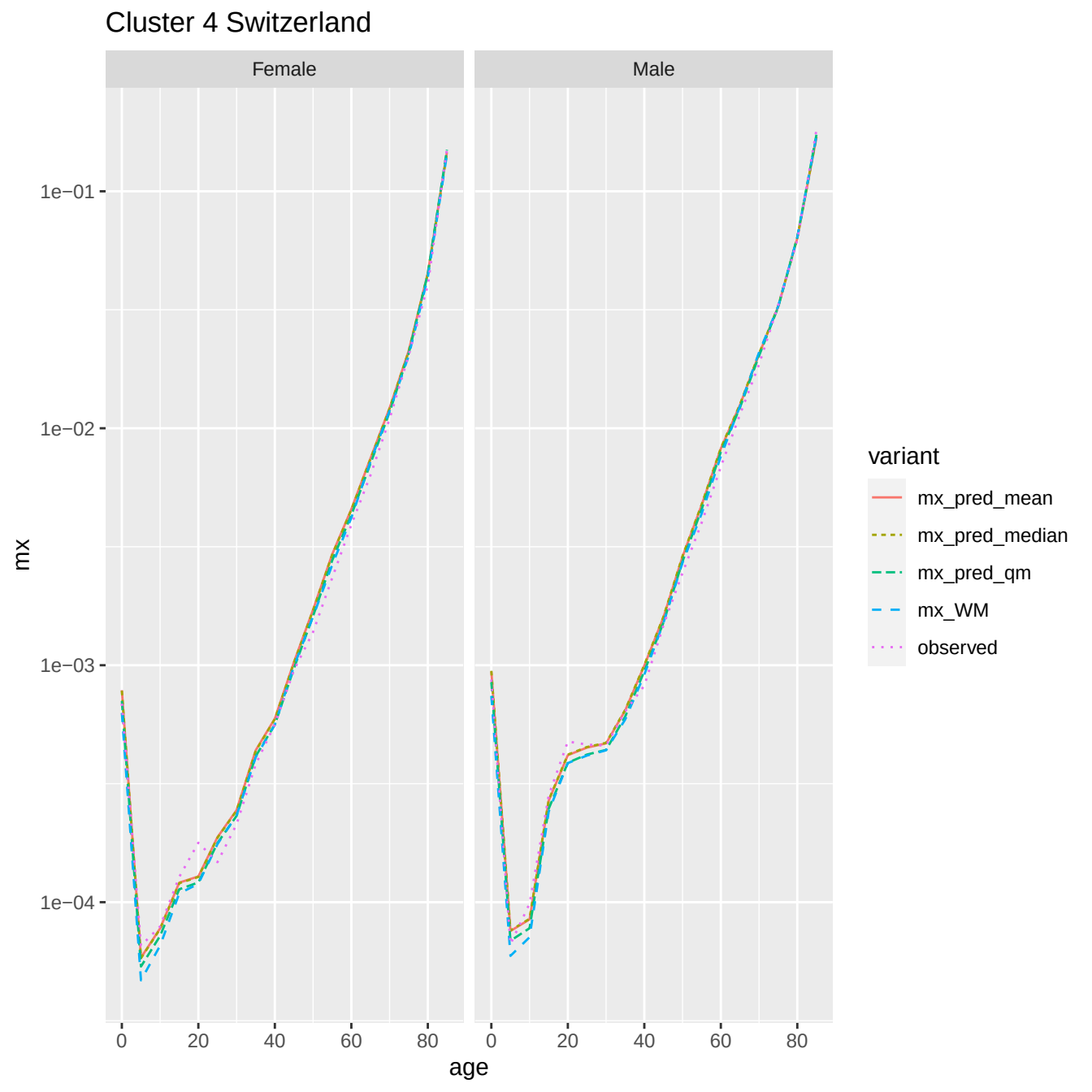

Cluster 3 Yemen
Female
Male
0.100
0.010
0.001
mx
0
20
40
60
80
age
variant
mx_pred_mean
mx_pred_median
mx_pred_qm
mx_WM

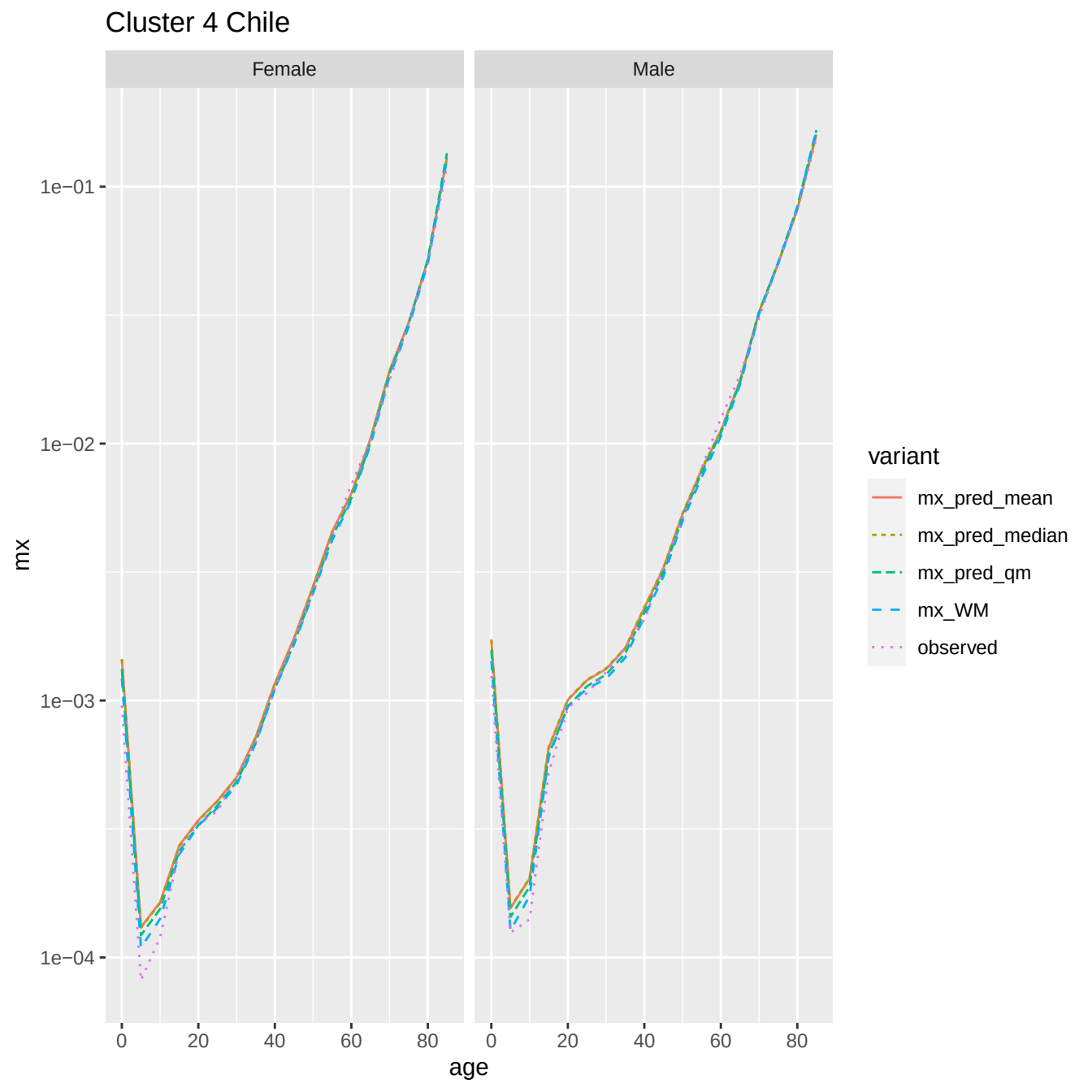

Cluster 3 South Africa
Female
Male
mx
0.100
0.010
0.001
0
20
40
60
80
age
variant
mx_pred_mean
mx_pred_median
mx_pred_qm
mx_WM
observed

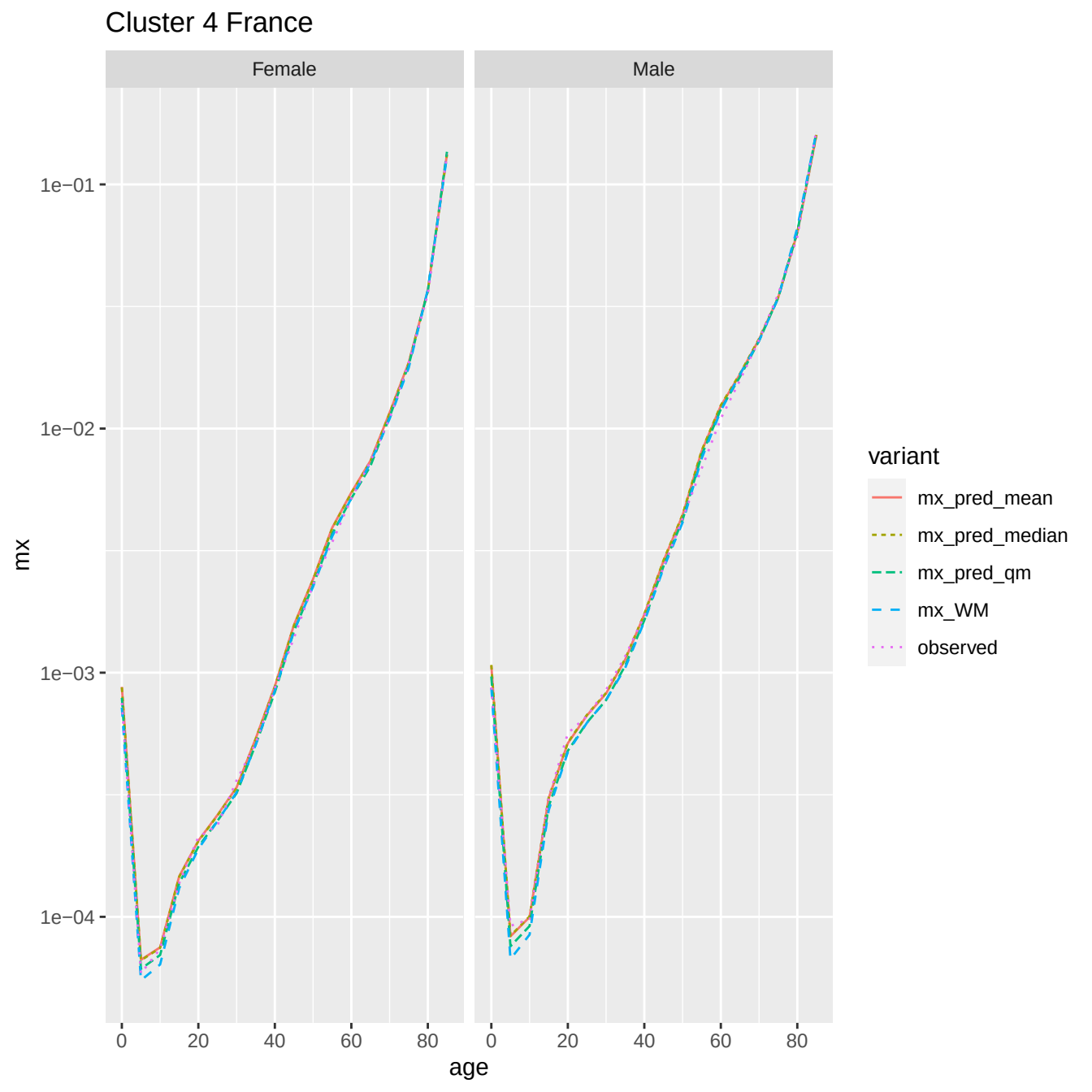

Cluster 3 Zambia
Female
Male
mx
0.100
0.010
0.001
0
20
40
60
80
age
variant
mx_pred_mean
mx_pred_median
mx_pred_qm
mx_WM

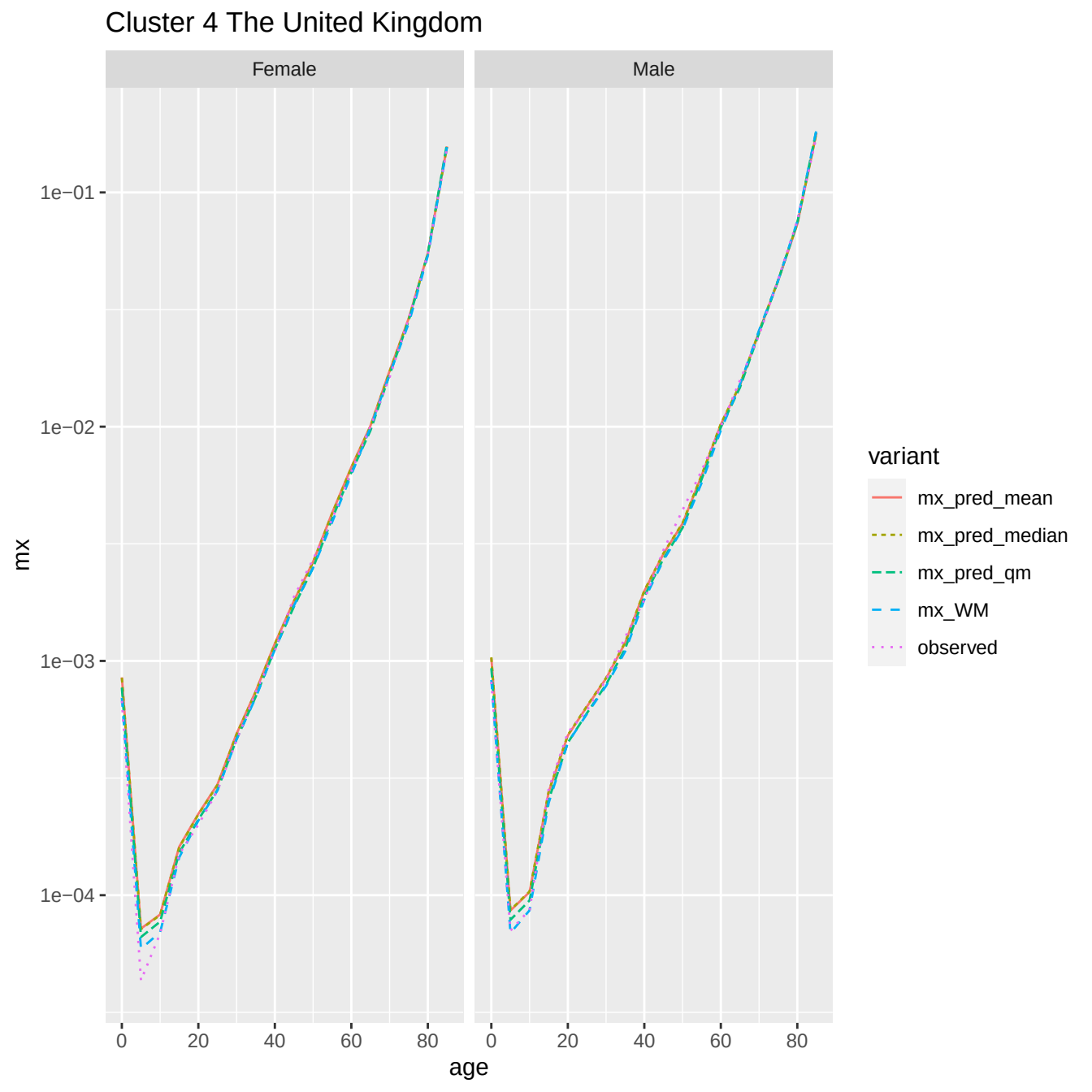

Cluster 3 Zimbabwe
Female
Male
0.100
0.010
0.001
mx
0
20
40
60
80
age
variant
mx_pred_mean
mx_pred_median
mx_pred_qm
mx_WM

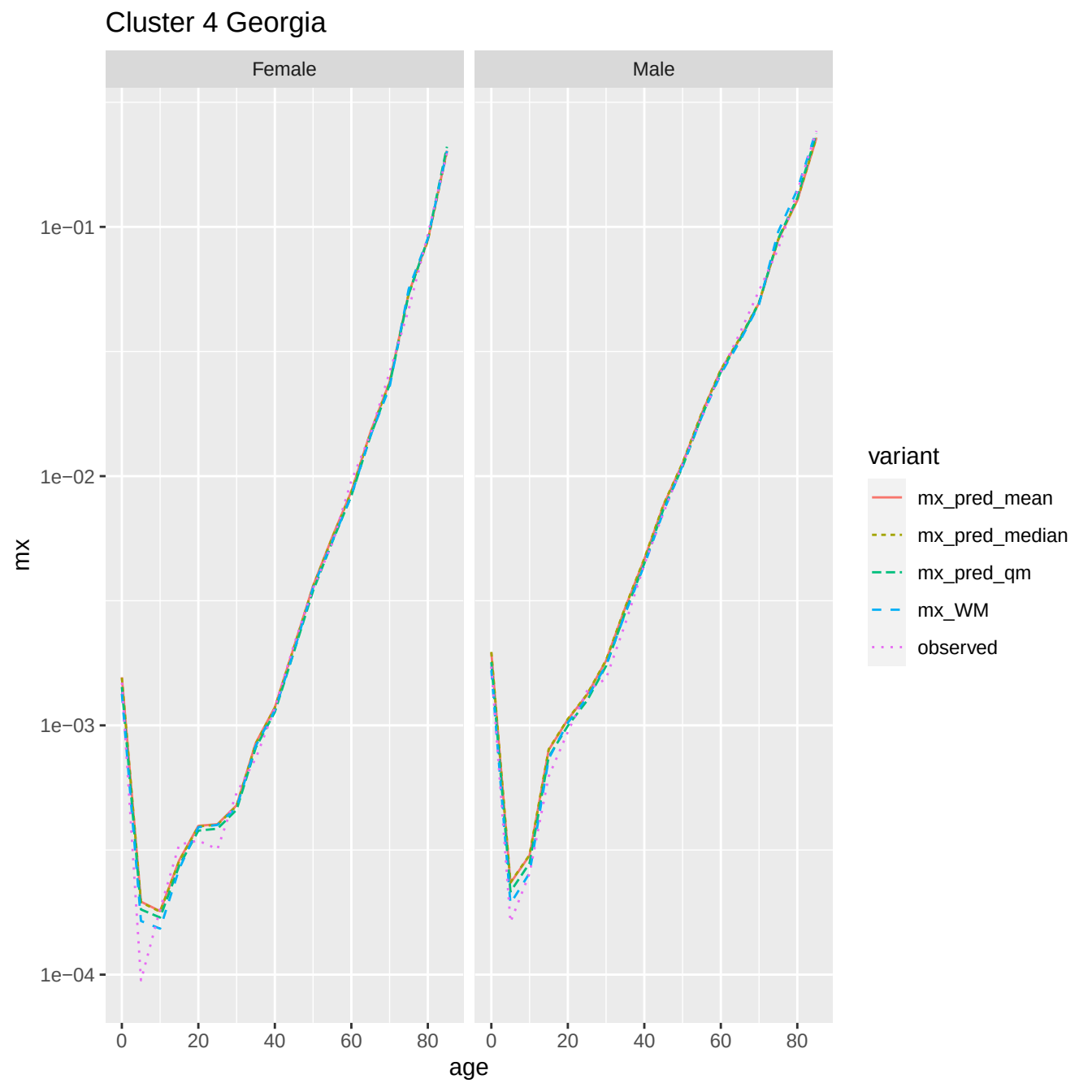

Cluster 4 Austria
Female
Male
1e−01
1e−02
1e−03
1e−04
mx
0
20
40
60
80
age
variant
mx_pred_mean
mx_pred_median
mx_pred_qm
mx_WM
observed

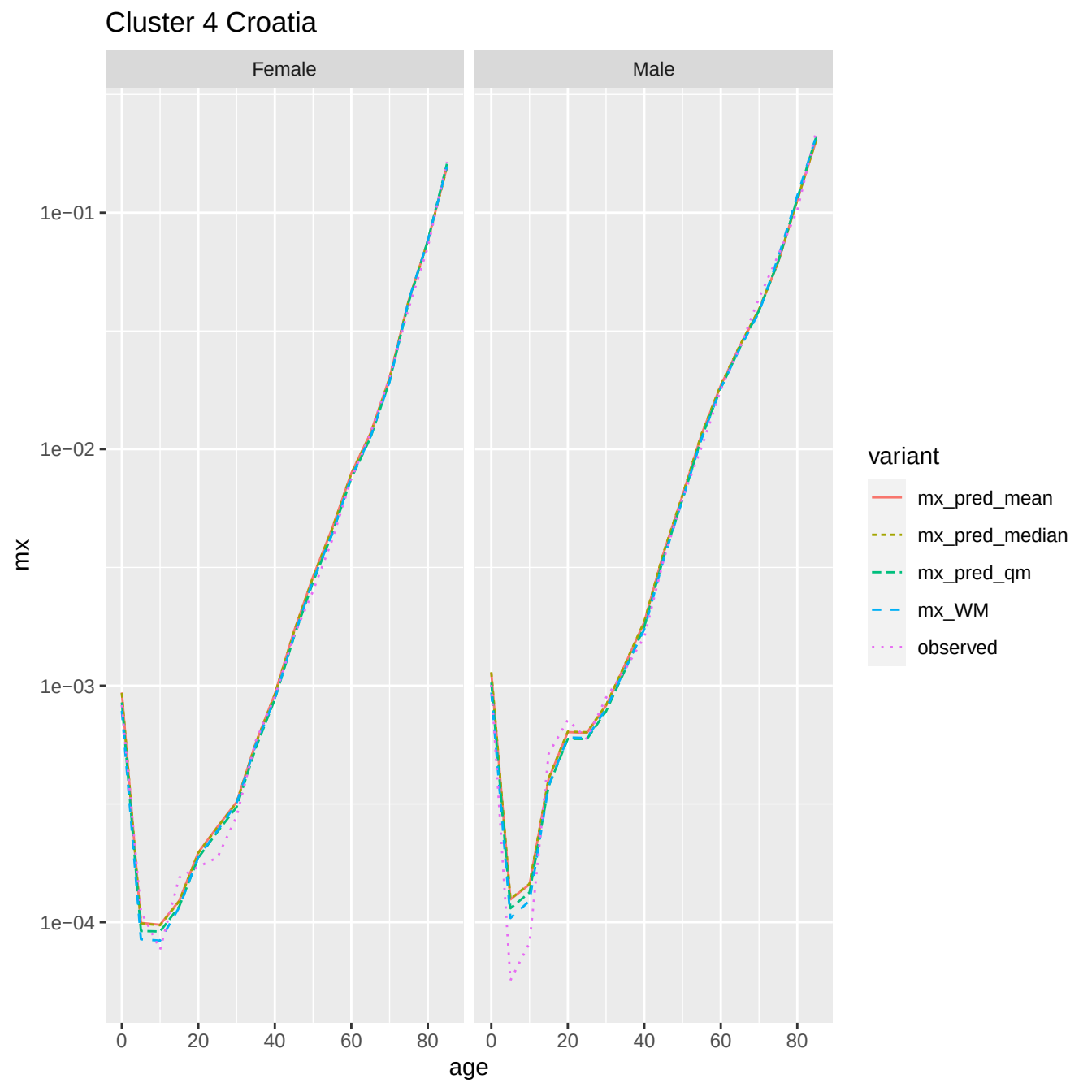

Cluster 4 Switzerland
Female
Male
1e−01
1e−02
1e−03
1e−04
mx
0
20
40
60
80
age
variant
mx_pred_mean
mx_pred_median
mx_pred_qm
mx_WM
observed

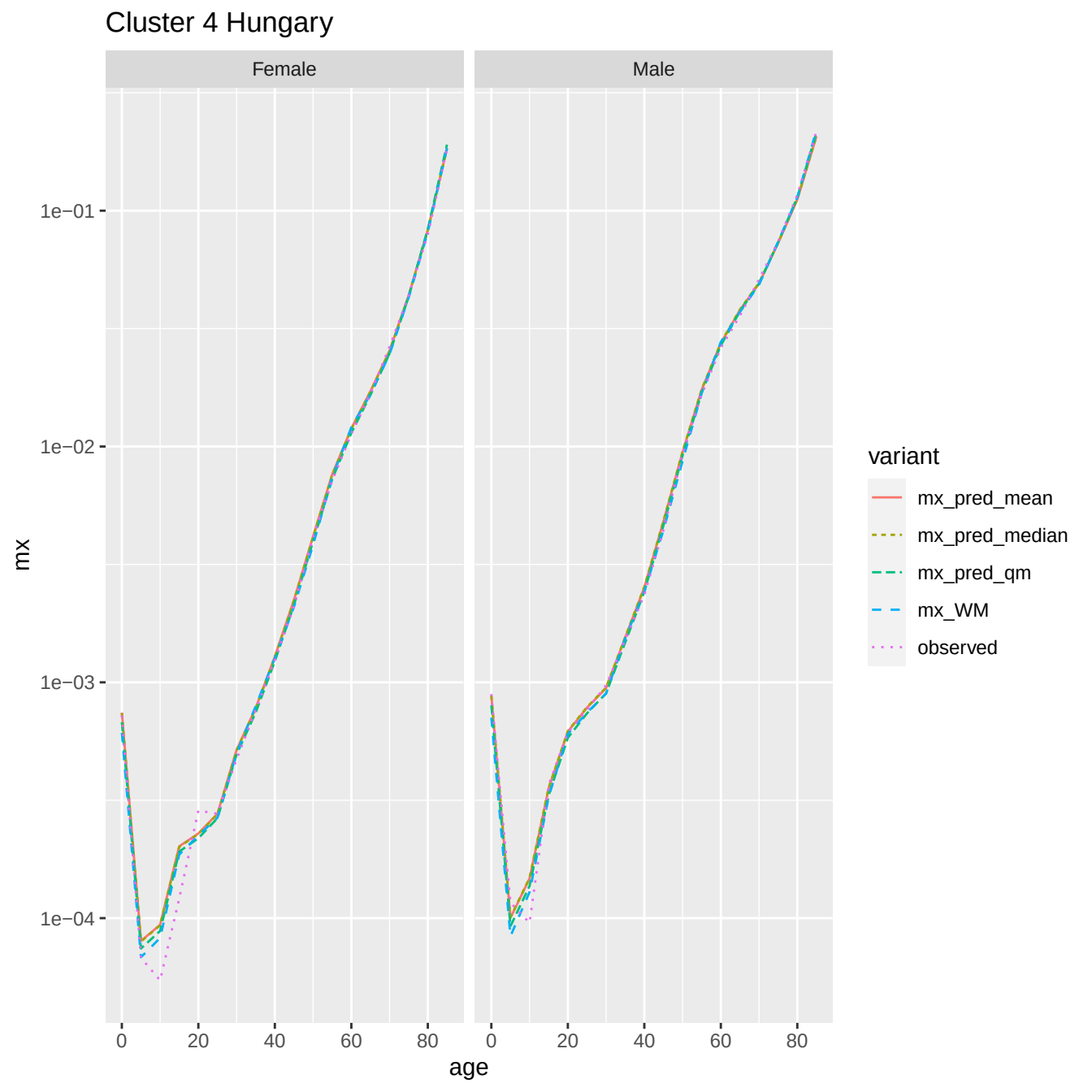

Cluster 4 Chile
Female
Male
1e−01
1e−02
1e−03
1e−04
mx
0
20
40
60
80
age
variant
mx_pred_mean
mx_pred_median
mx_pred_qm
mx_WM
observed

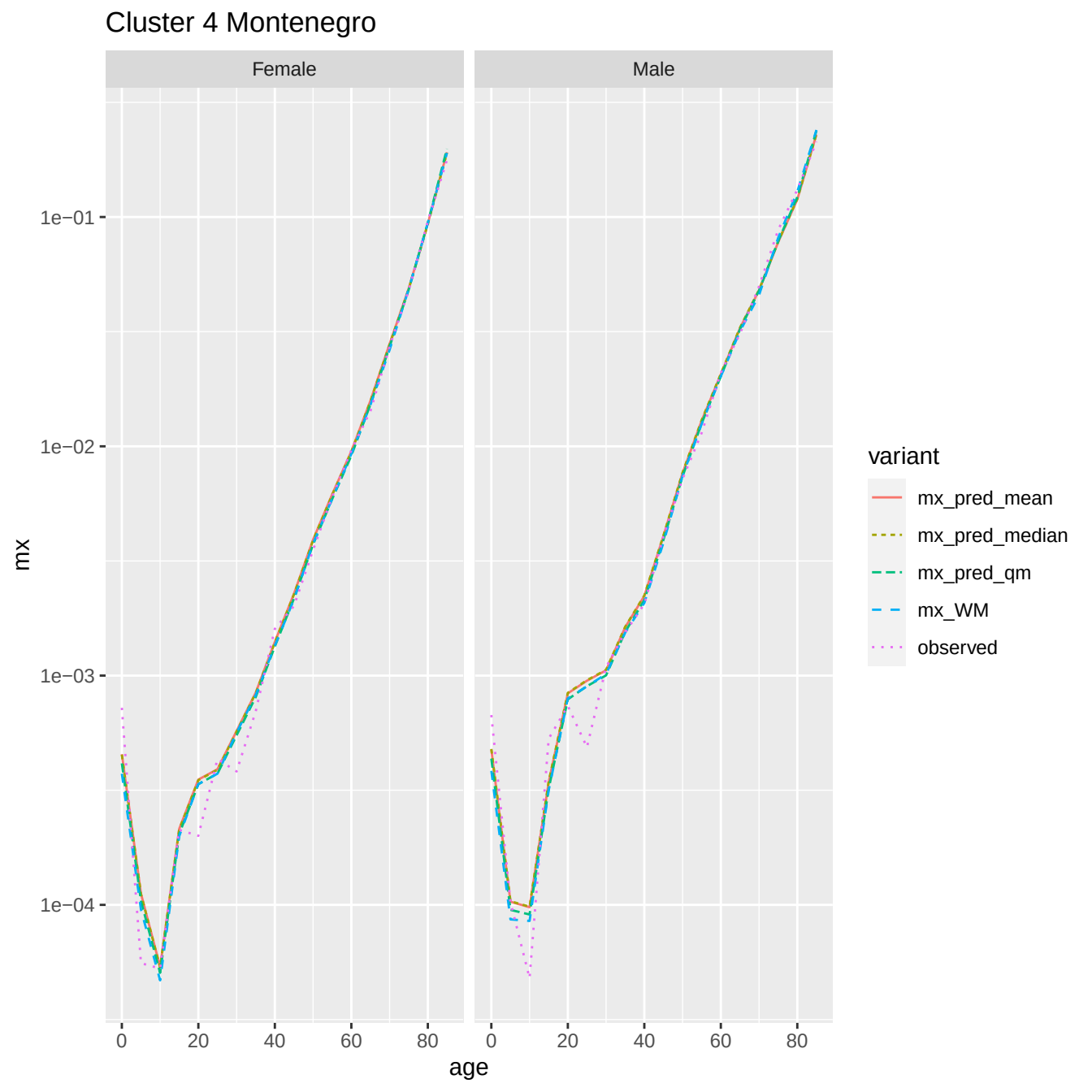

Cluster 4 France
Female
Male
1e−01
1e−02
1e−03
1e−04
mx
0
20
40
60
80
age
variant
mx_pred_mean
mx_pred_median
mx_pred_qm
mx_WM
observed

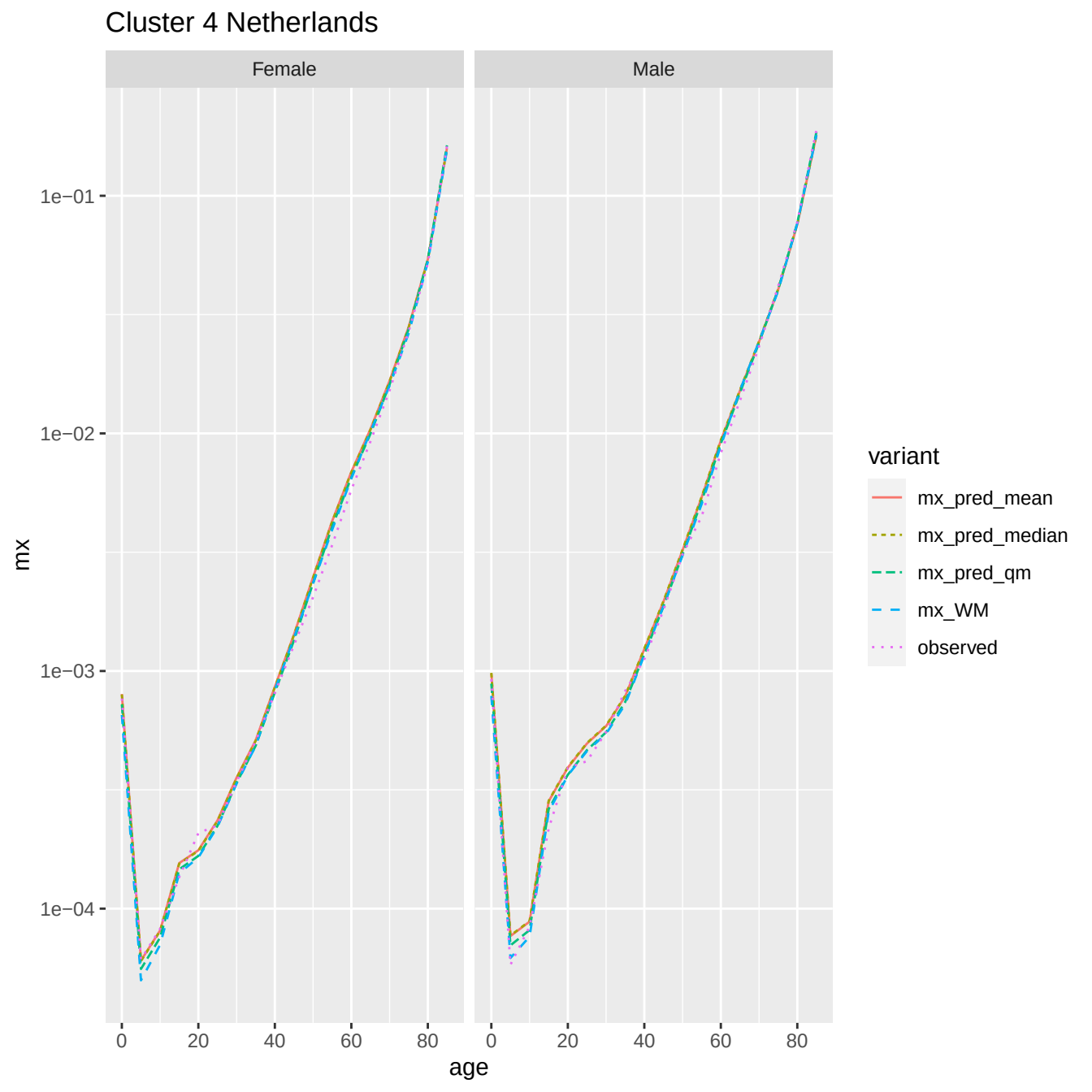

Cluster 4 The United Kingdom
Female
Male
1e−01
1e−02
1e−03
1e−04
mx
0
20
40
60
80
age
variant
mx_pred_mean
mx_pred_median
mx_pred_qm
mx_WM
observed

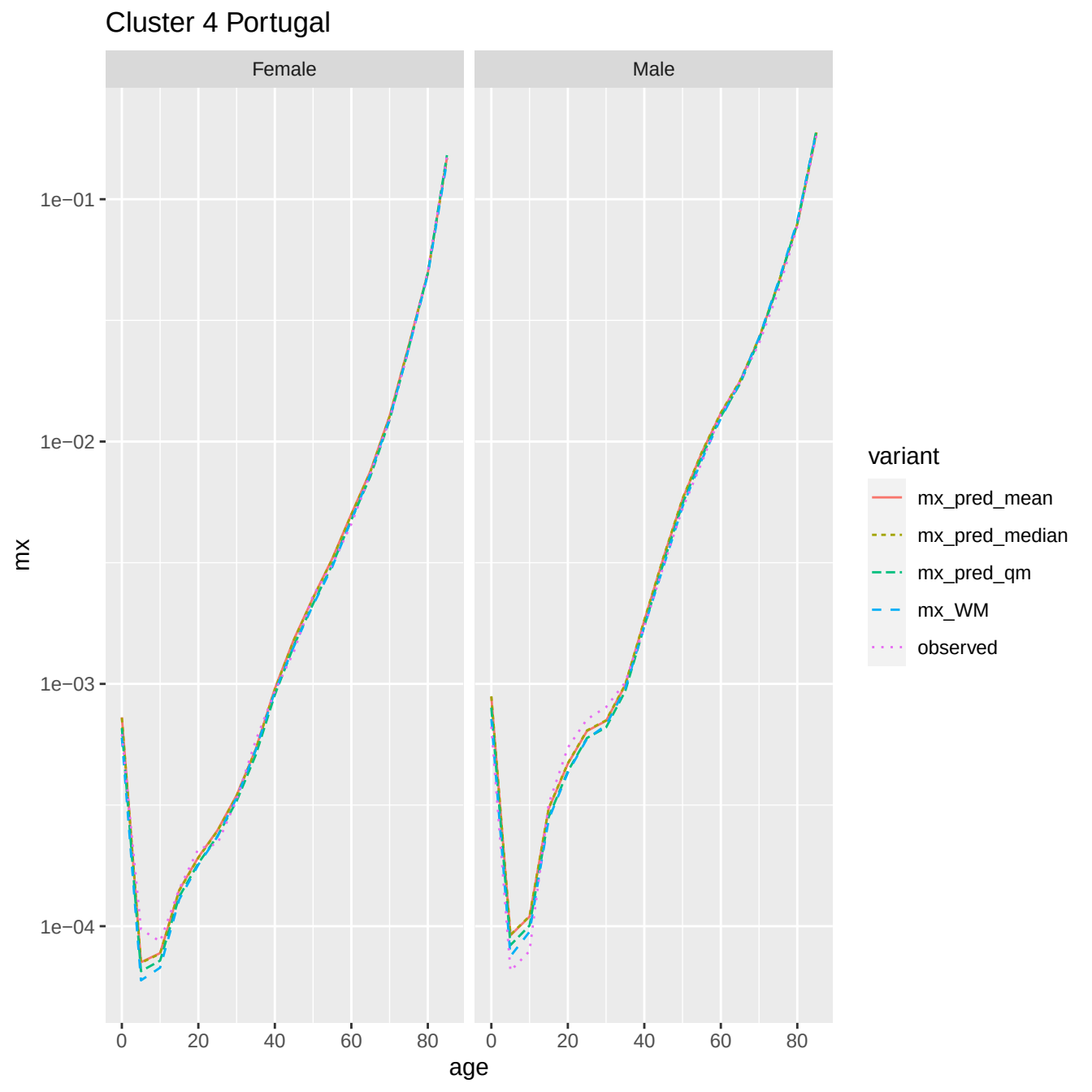

Cluster 4 Georgia
Female
Male
1e−01
1e−02
1e−03
1e−04
mx
0
20
40
60
80
age
variant
mx_pred_mean
mx_pred_median
mx_pred_qm
mx_WM
observed

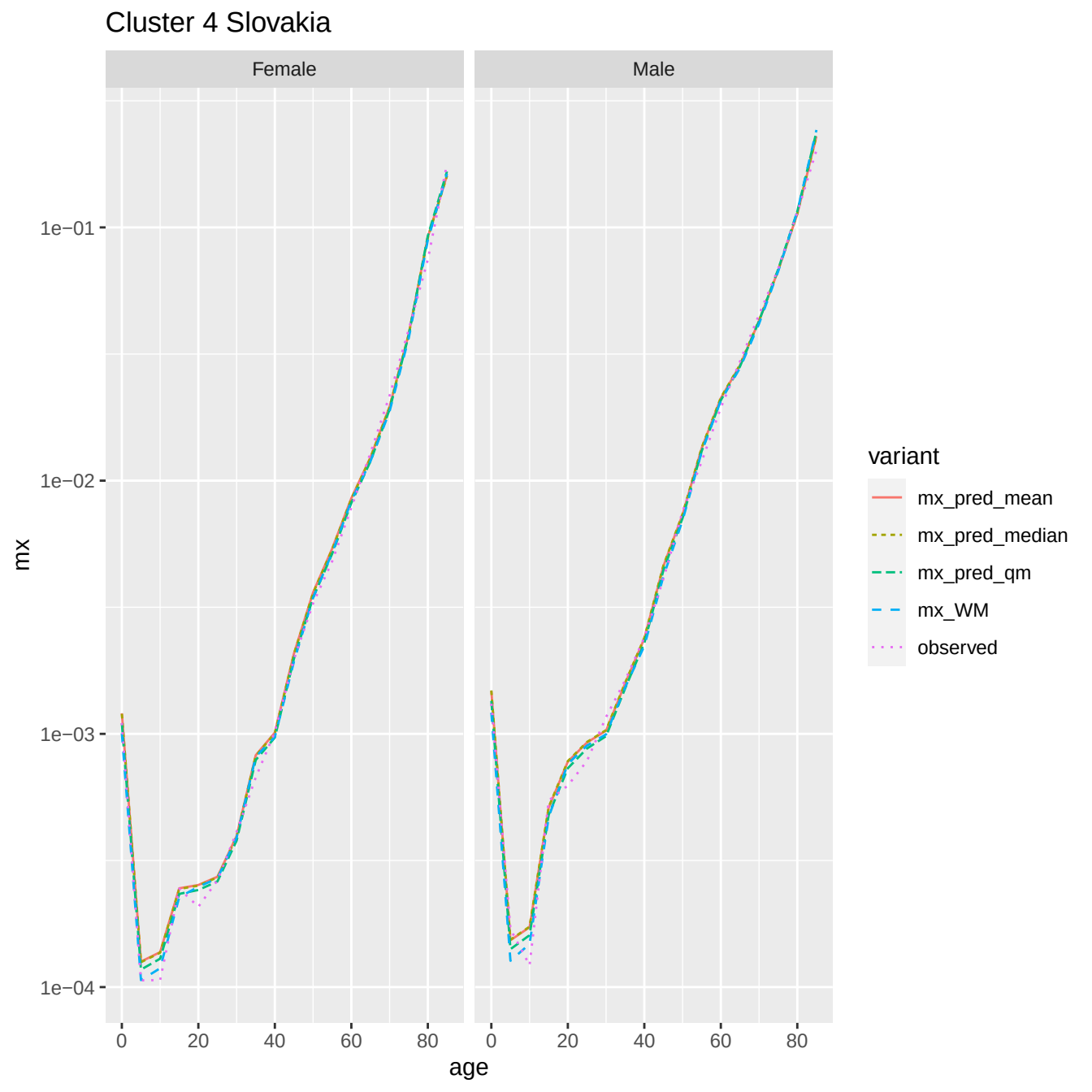

Cluster 4 Croatia
Female
Male
1e−01
1e−02
1e−03
1e−04
mx
0
20
40
60
80
age
variant
mx_pred_mean
mx_pred_median
mx_pred_qm
mx_WM
observed

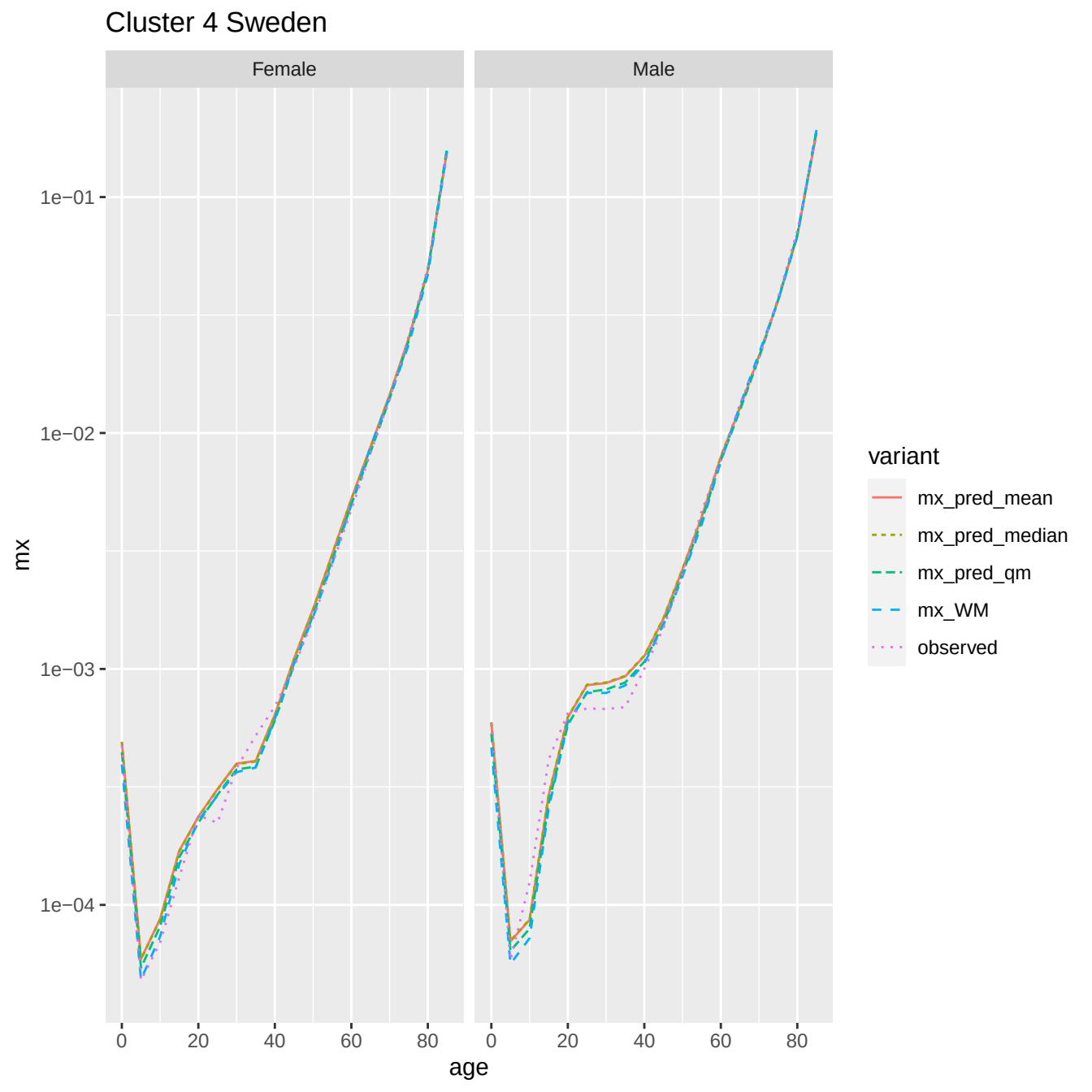

Cluster 4 Hungary
Female
Male
1e−01
1e−02
1e−03
1e−04
mx
0
20
40
60
80
age
variant
mx_pred_mean
mx_pred_median
mx_pred_qm
mx_WM
observed

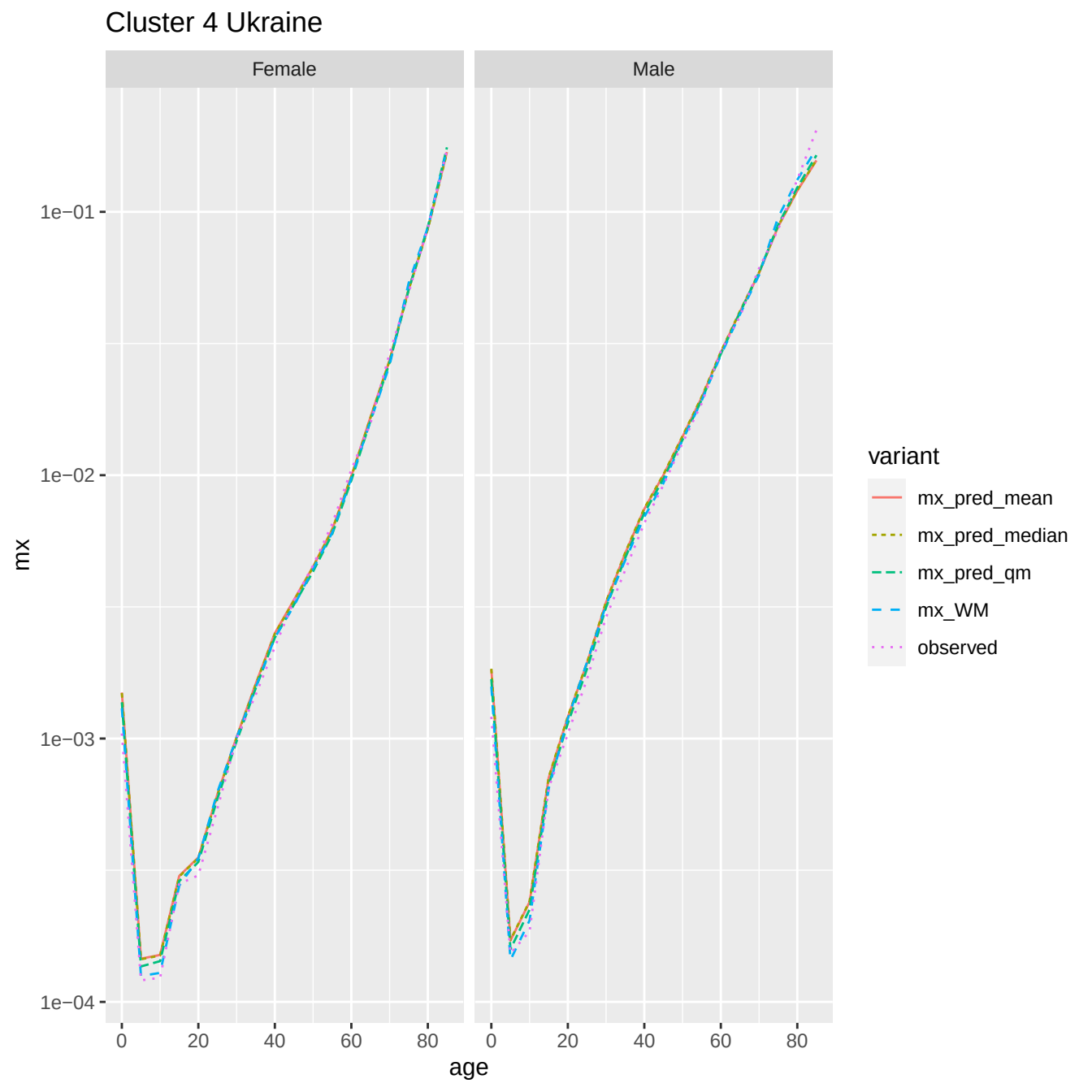

Cluster 4 Montenegro
Female
Male
1e−01
1e−02
1e−03
1e−04
mx
0
20
40
60
80
age
variant
mx_pred_mean
mx_pred_median
mx_pred_qm
mx_WM
observed

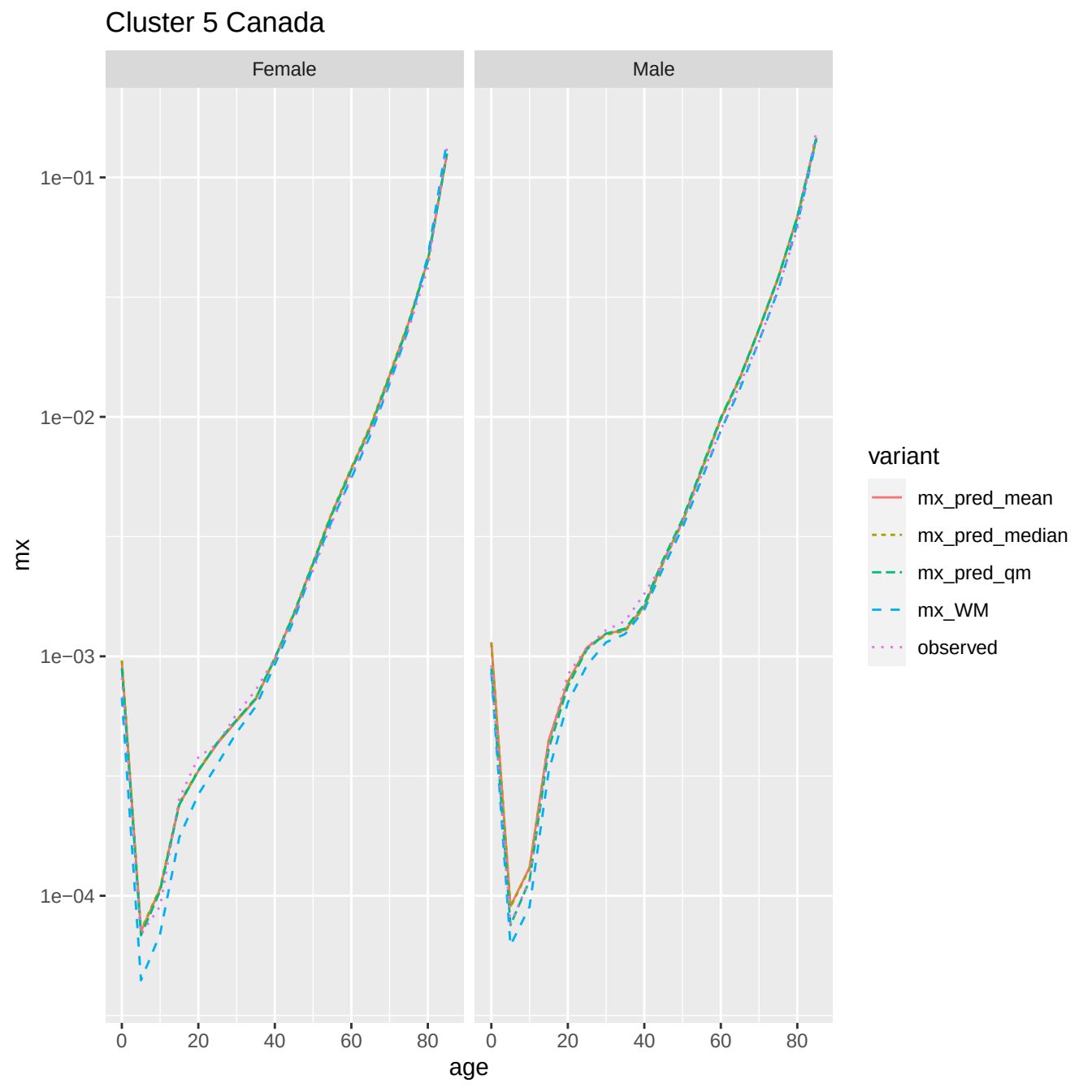

Cluster 4 Netherlands
Female
Male
1e−01
1e−02
1e−03
1e−04
mx
0
20
40
60
80
age
variant
mx_pred_mean
mx_pred_median
mx_pred_qm
mx_WM
observed

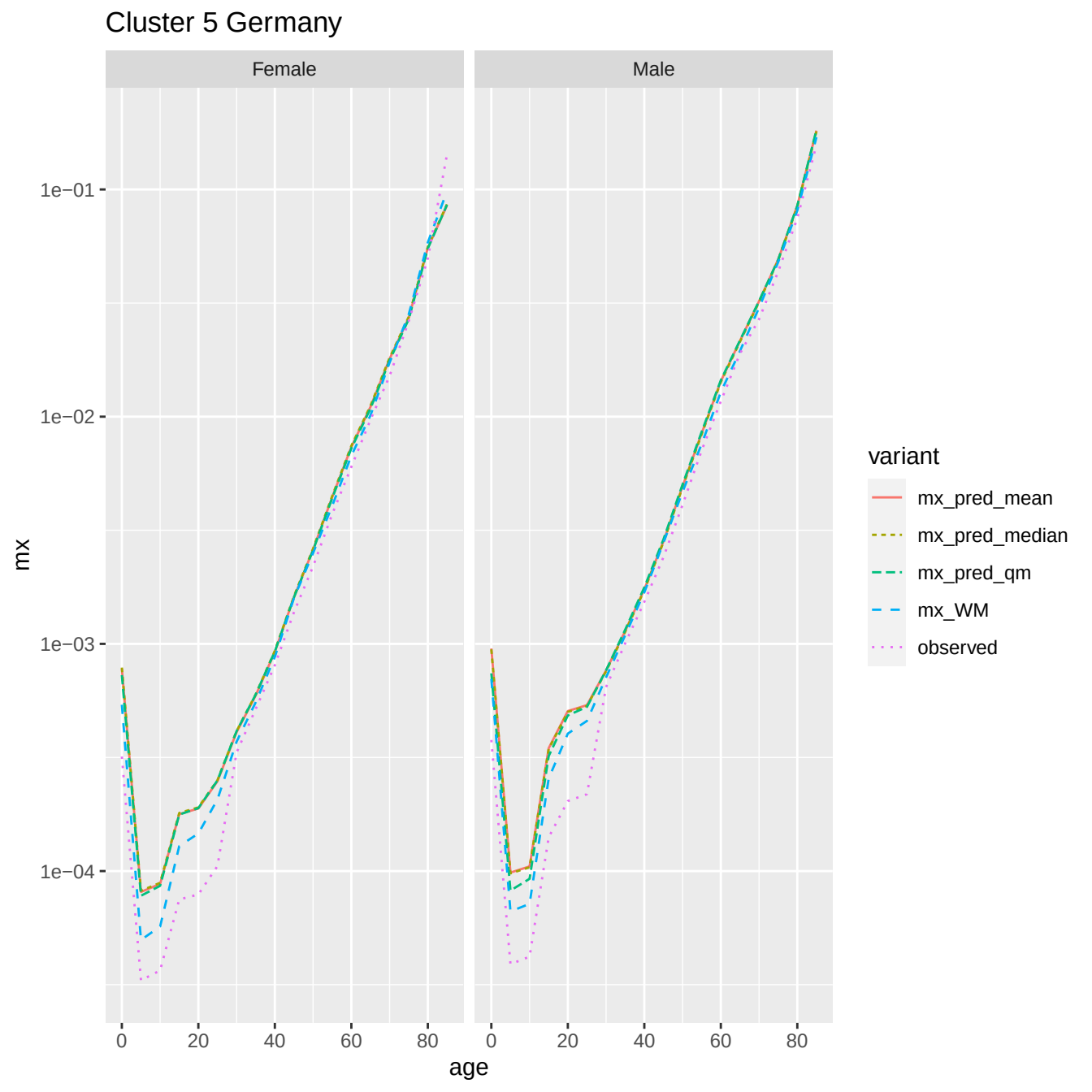

Cluster 4 Portugal
Female
Male
1e−01
1e−02
1e−03
1e−04
mx
0
20
40
60
80
age
variant
mx_pred_mean
mx_pred_median
mx_pred_qm
mx_WM
observed

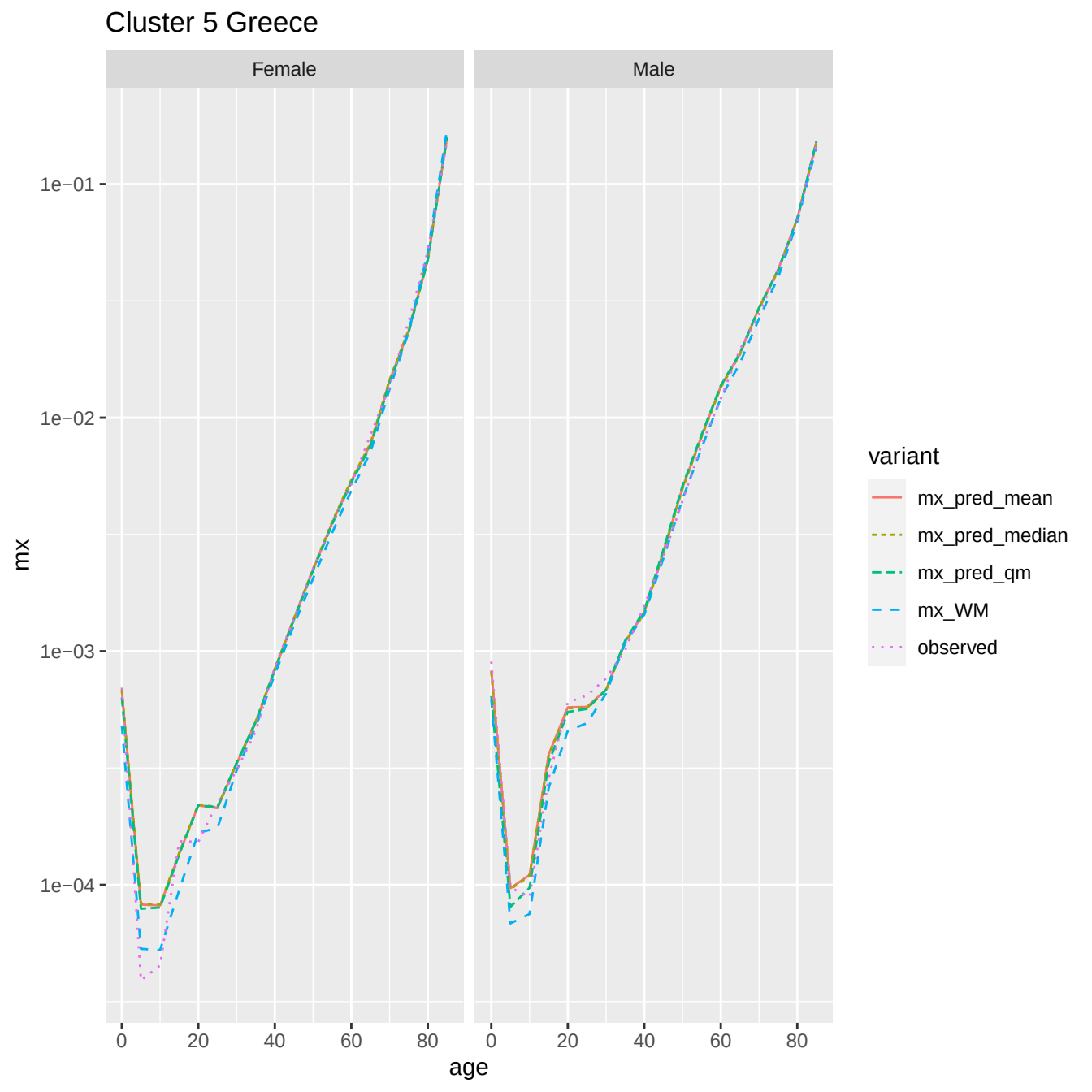

Cluster 4 Slovakia
Female
Male
1e−01
1e−02
1e−03
1e−04
mx
0
20
40
60
80
age
variant
mx_pred_mean
mx_pred_median
mx_pred_qm
mx_WM
observed

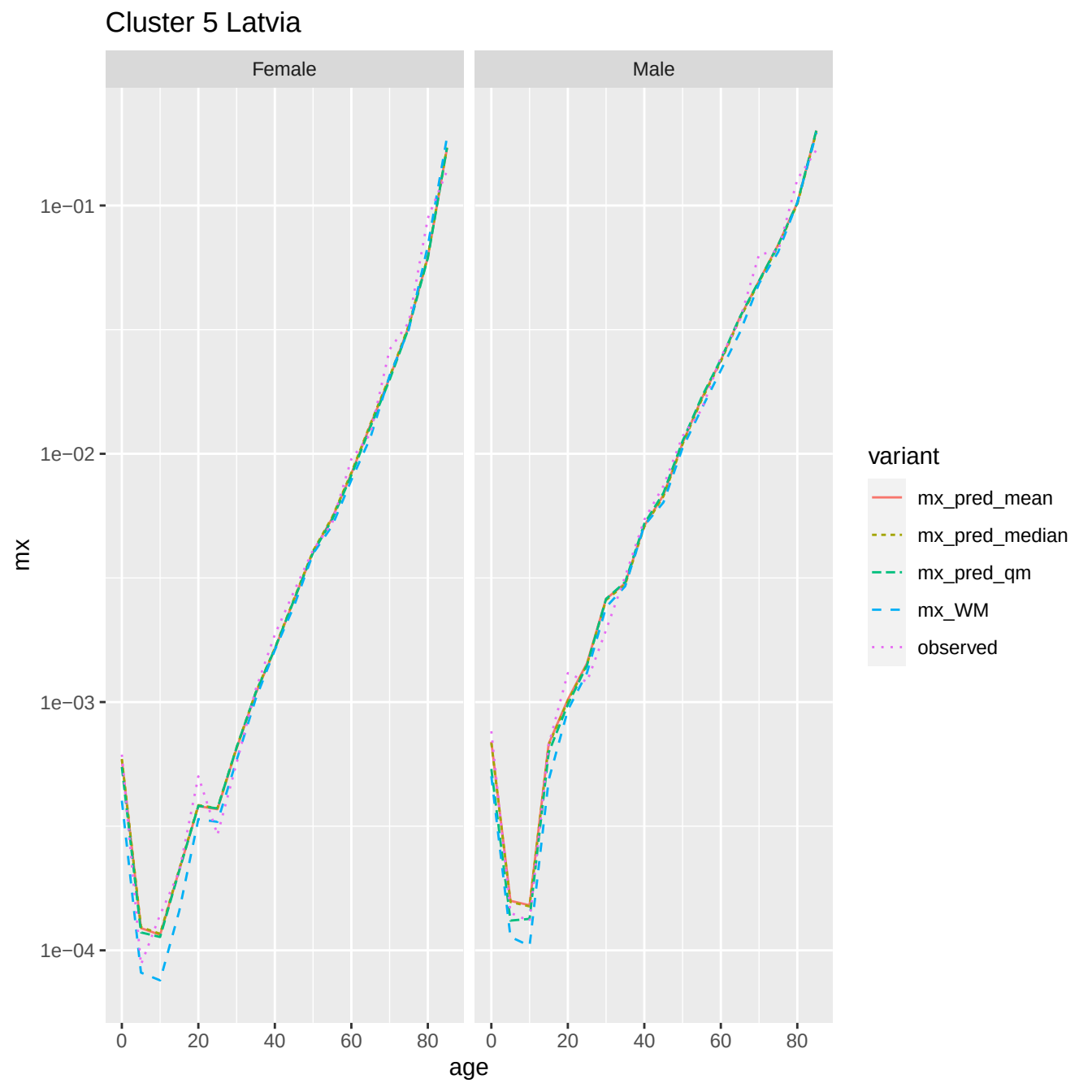

Cluster 4 Sweden
Female
Male
1e−01
1e−02
1e−03
1e−04
mx
0
20
40
60
80
age
variant
mx_pred_mean
mx_pred_median
mx_pred_qm
mx_WM
observed

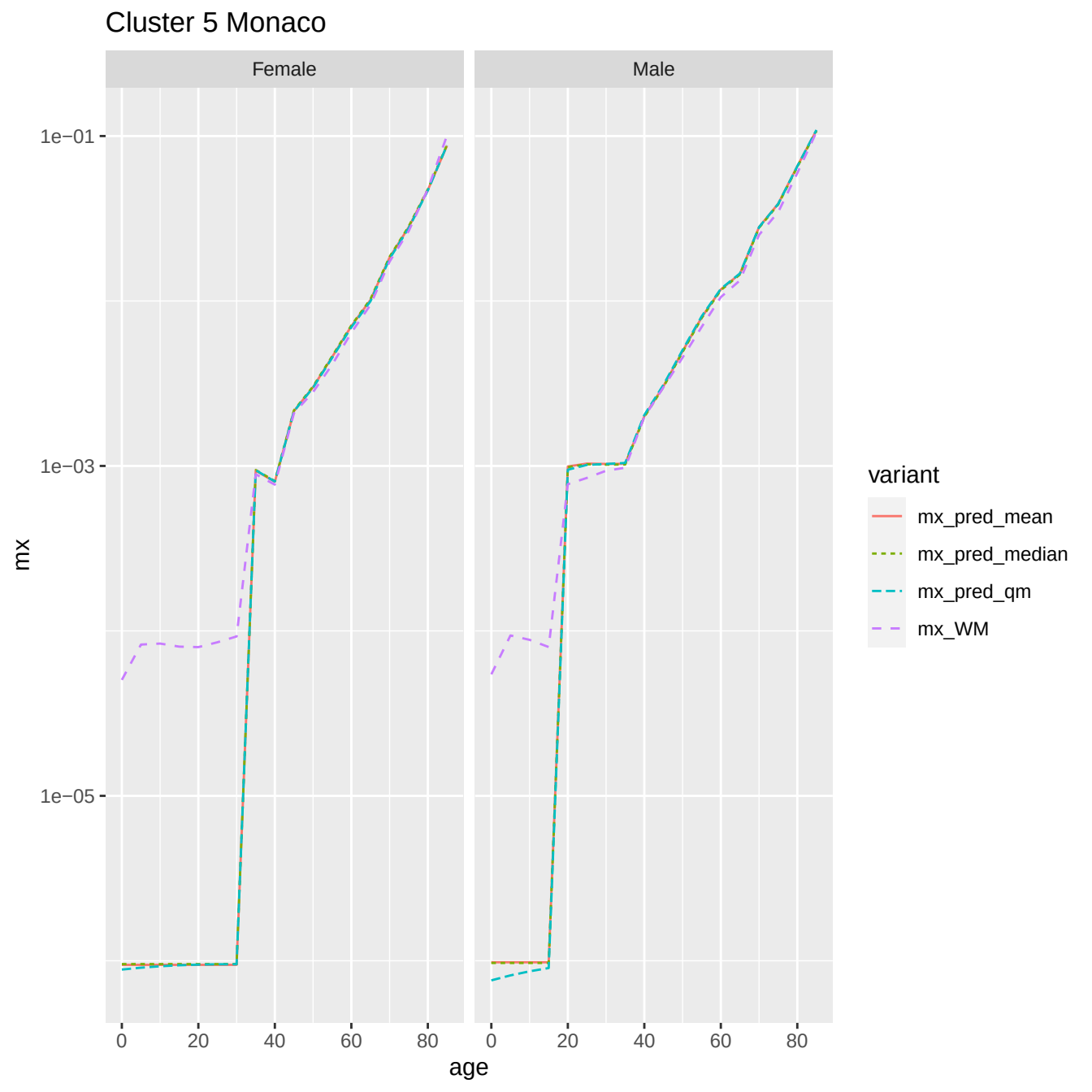

Cluster 4 Ukraine
Female
Male
1e−01
1e−02
1e−03
1e−04
mx
0
20
40
60
80
age
variant
mx_pred_mean
mx_pred_median
mx_pred_qm
mx_WM
observed

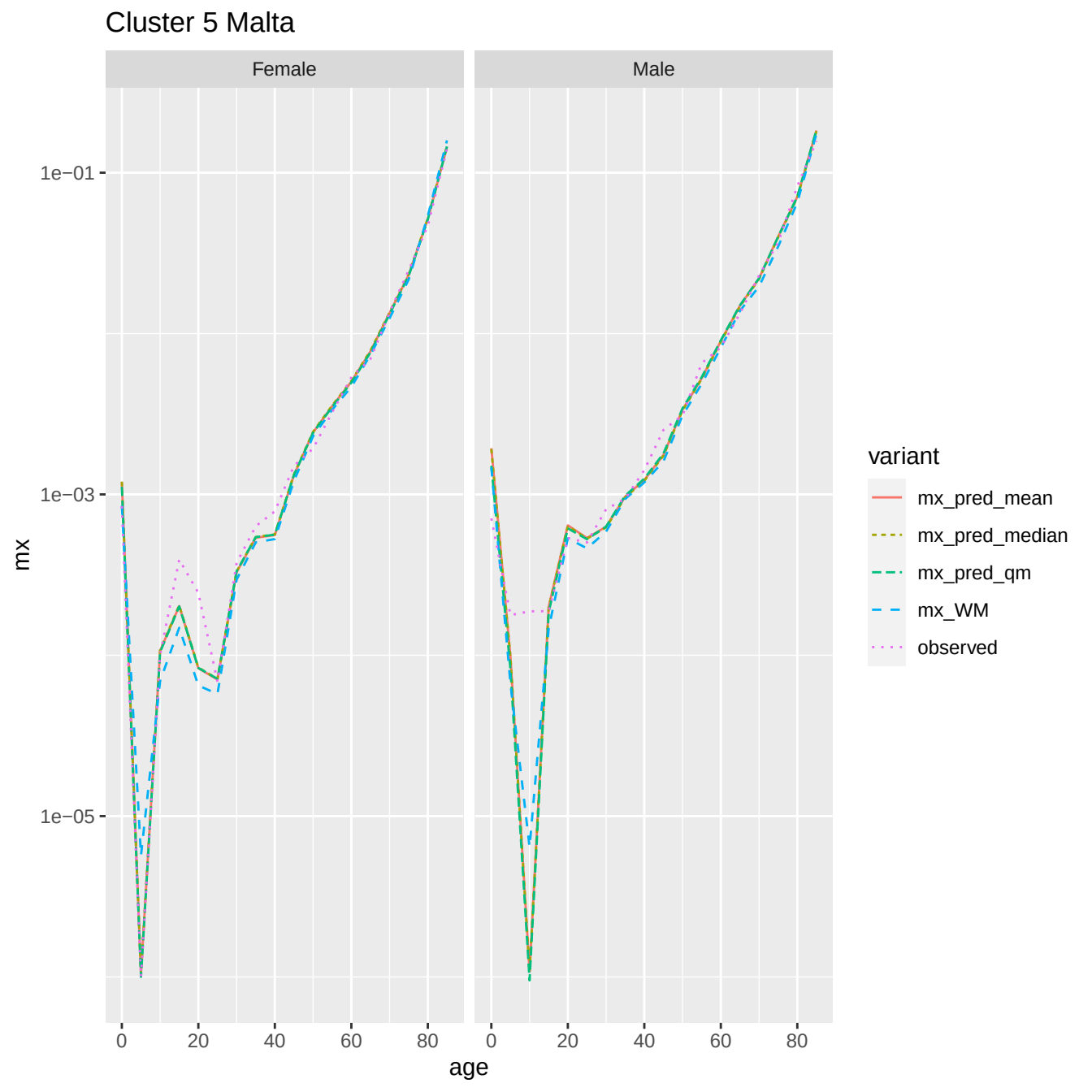

Cluster 5 Canada
Female
Male
1e−01
1e−02
1e−03
1e−04
mx
0
20
40
60
80
age
variant
mx_pred_mean
mx_pred_median
mx_pred_qm
mx_WM
observed

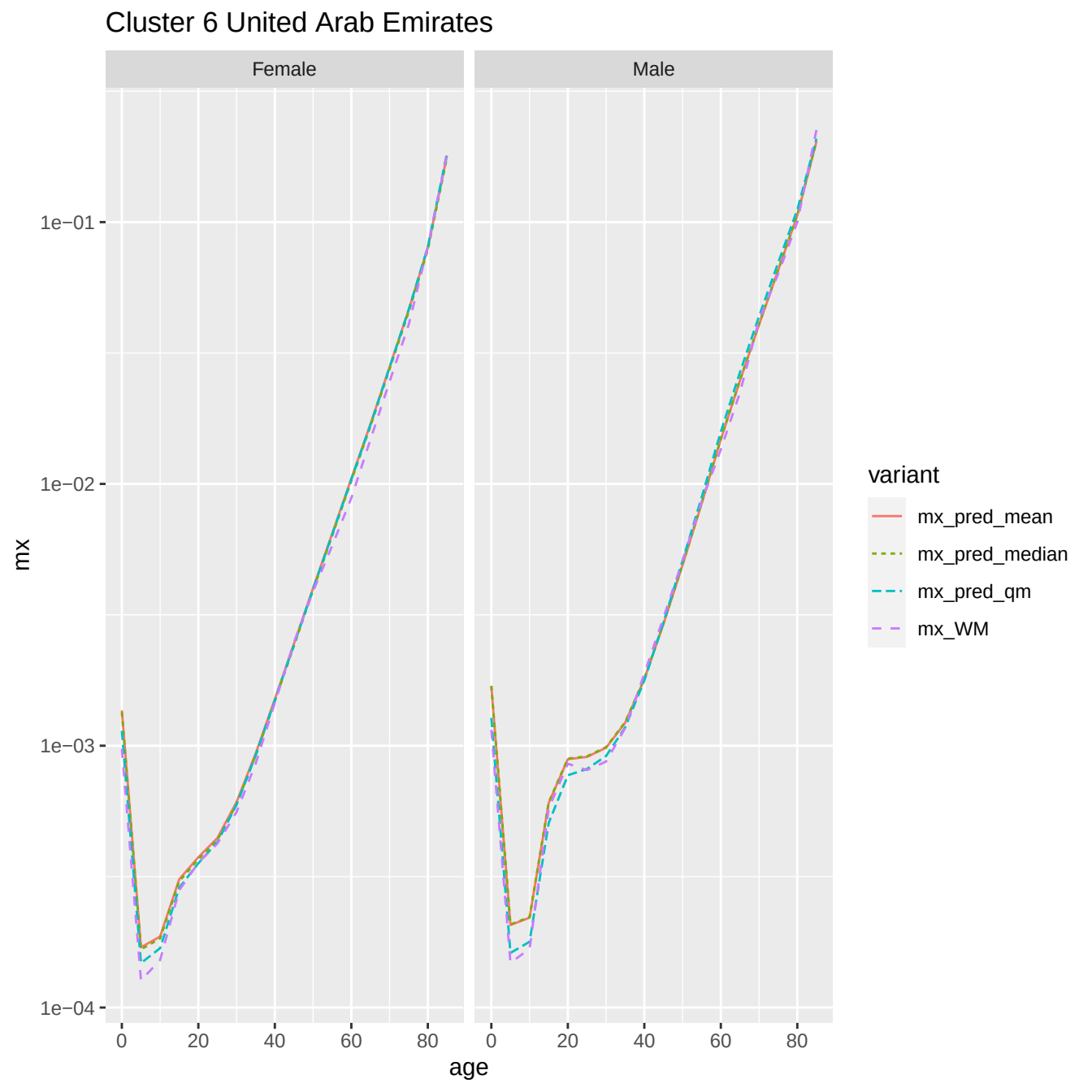

Cluster 5 Germany
Female
Male
1e−01
1e−02
1e−03
1e−04
mx
0
20
40
60
80
age
variant
mx_pred_mean
mx_pred_median
mx_pred_qm
mx_WM
observed

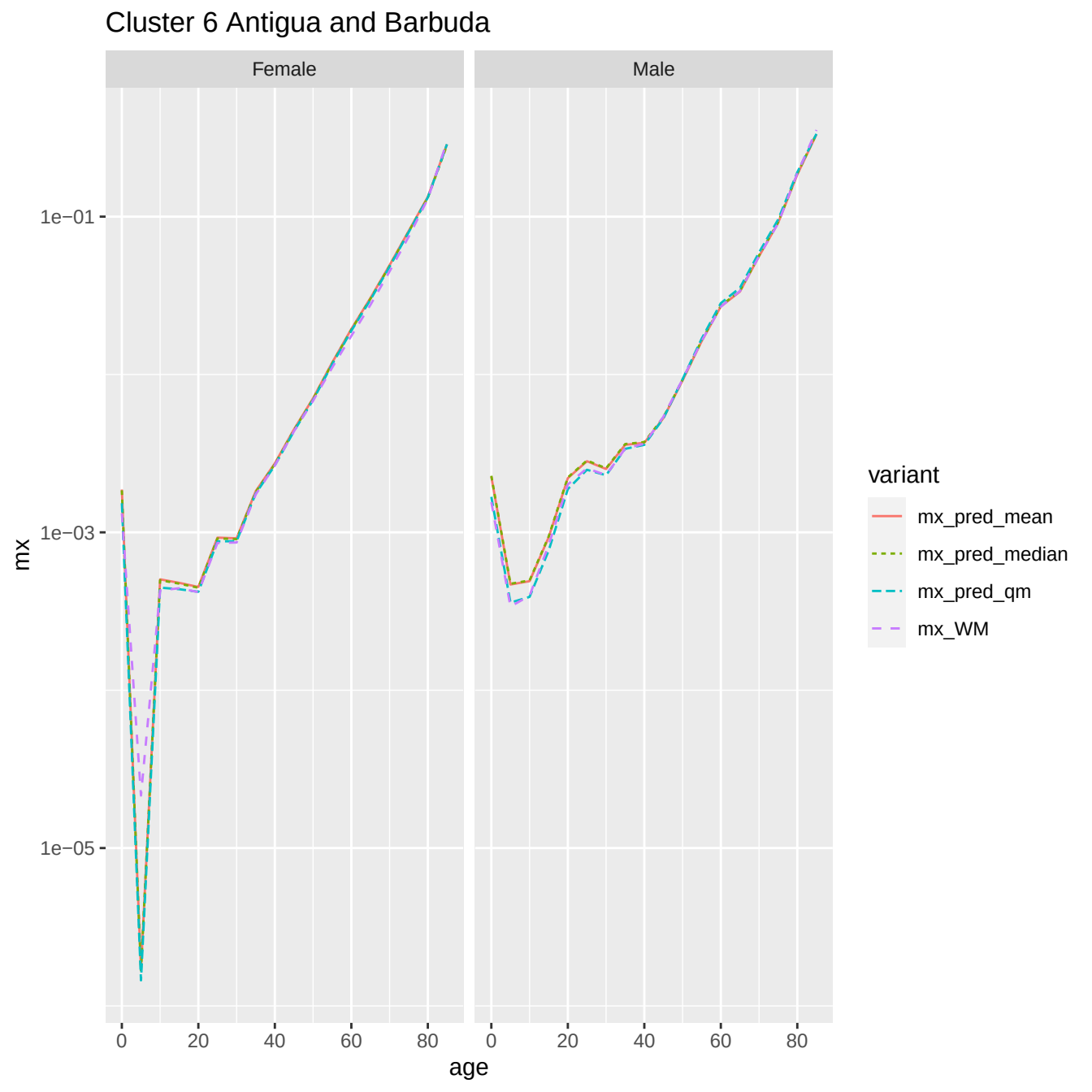

Cluster 5 Greece
Female
Male
1e−01
1e−02
1e−03
1e−04
mx
0
20
40
60
80
age
variant
mx_pred_mean
mx_pred_median
mx_pred_qm
mx_WM
observed

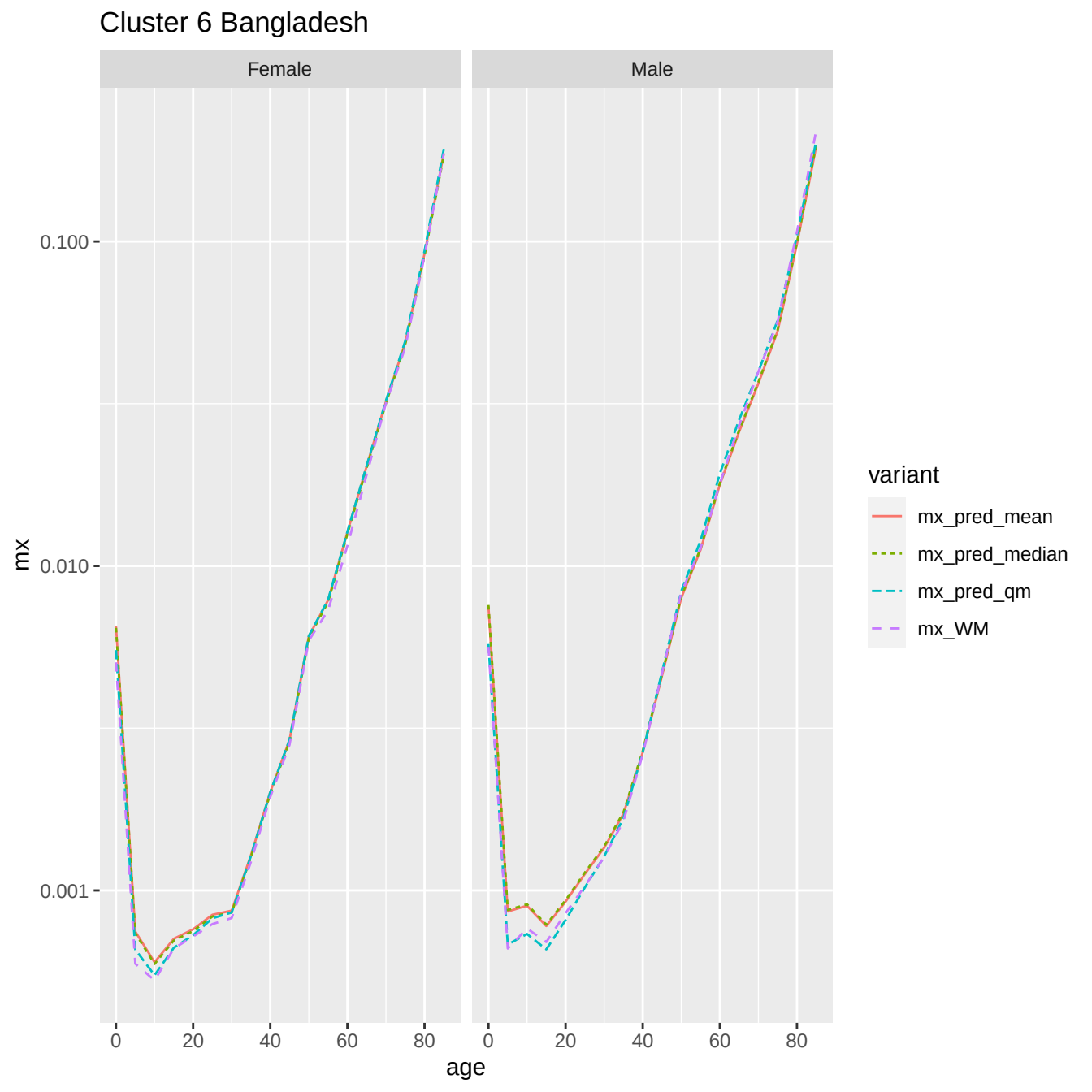

Cluster 5 Latvia
Female
Male
1e−01
1e−02
1e−03
1e−04
mx
0
20
40
60
80
age
variant
mx_pred_mean
mx_pred_median
mx_pred_qm
mx_WM
observed

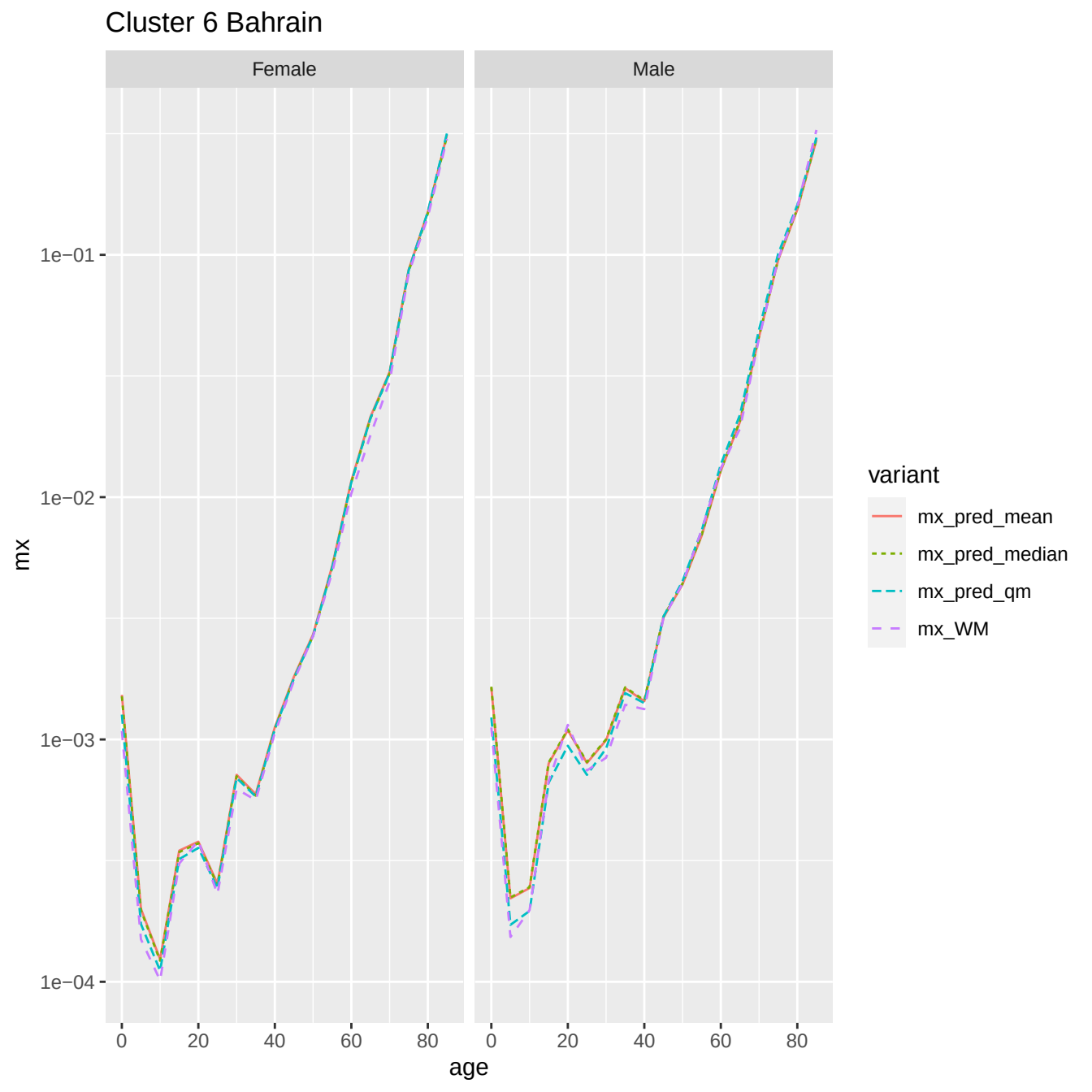

Cluster 5 Monaco
Female
Male
1e−01
1e−03
1e−05
mx
0
20
40
60
80
age
variant
mx_pred_mean
mx_pred_median
mx_pred_qm
mx_WM

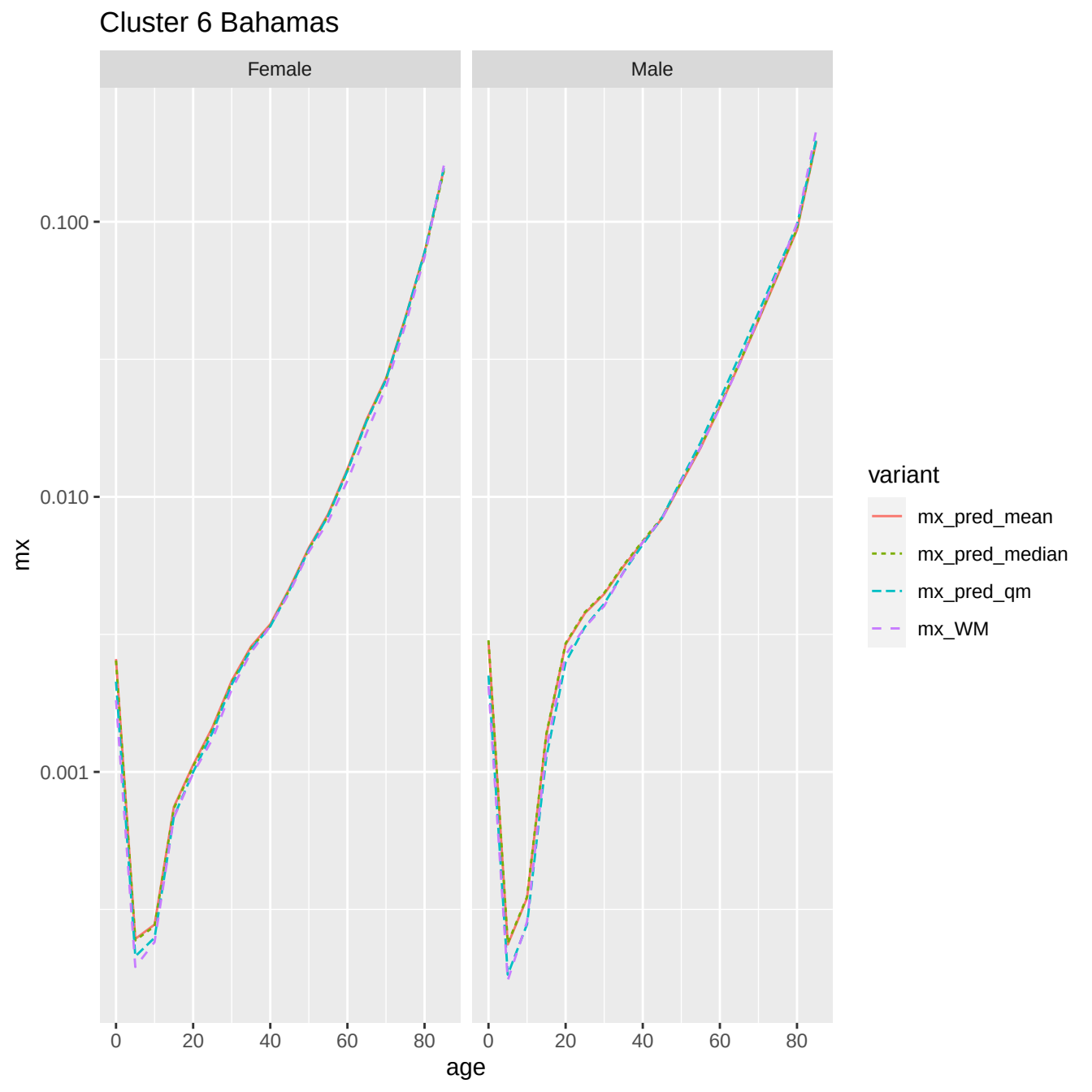

Cluster 5 Malta
Female
Male
1e−01
1e−03
1e−05
mx
0
20
40
60
80
age
variant
mx_pred_mean
mx_pred_median
mx_pred_qm
mx_WM
observed

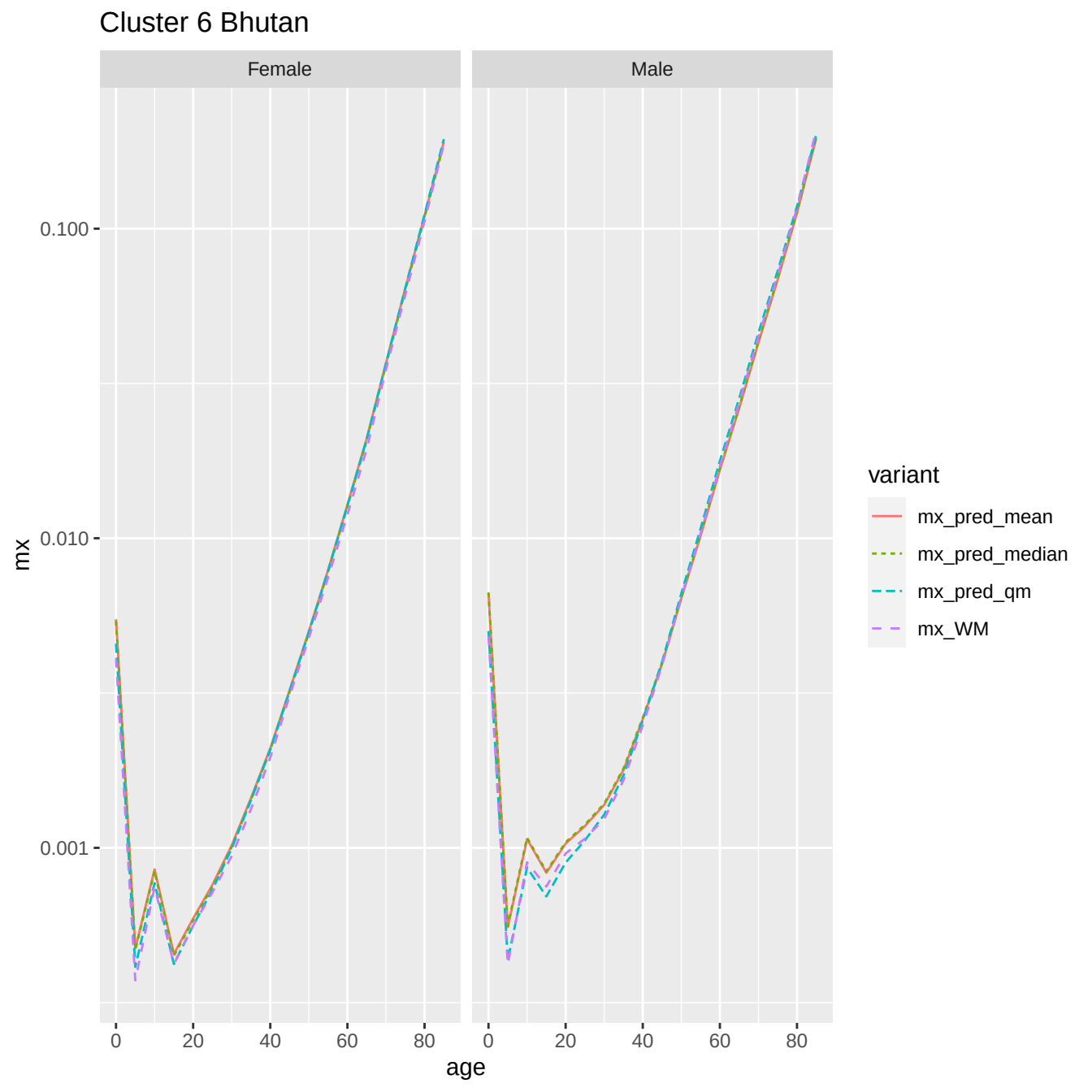

Cluster 6 United Arab Emirates
Female
Male
1e−01
1e−02
1e−03
1e−04
mx
0
20
40
60
80
age
variant
mx_pred_mean
mx_pred_median
mx_pred_qm
mx_WM

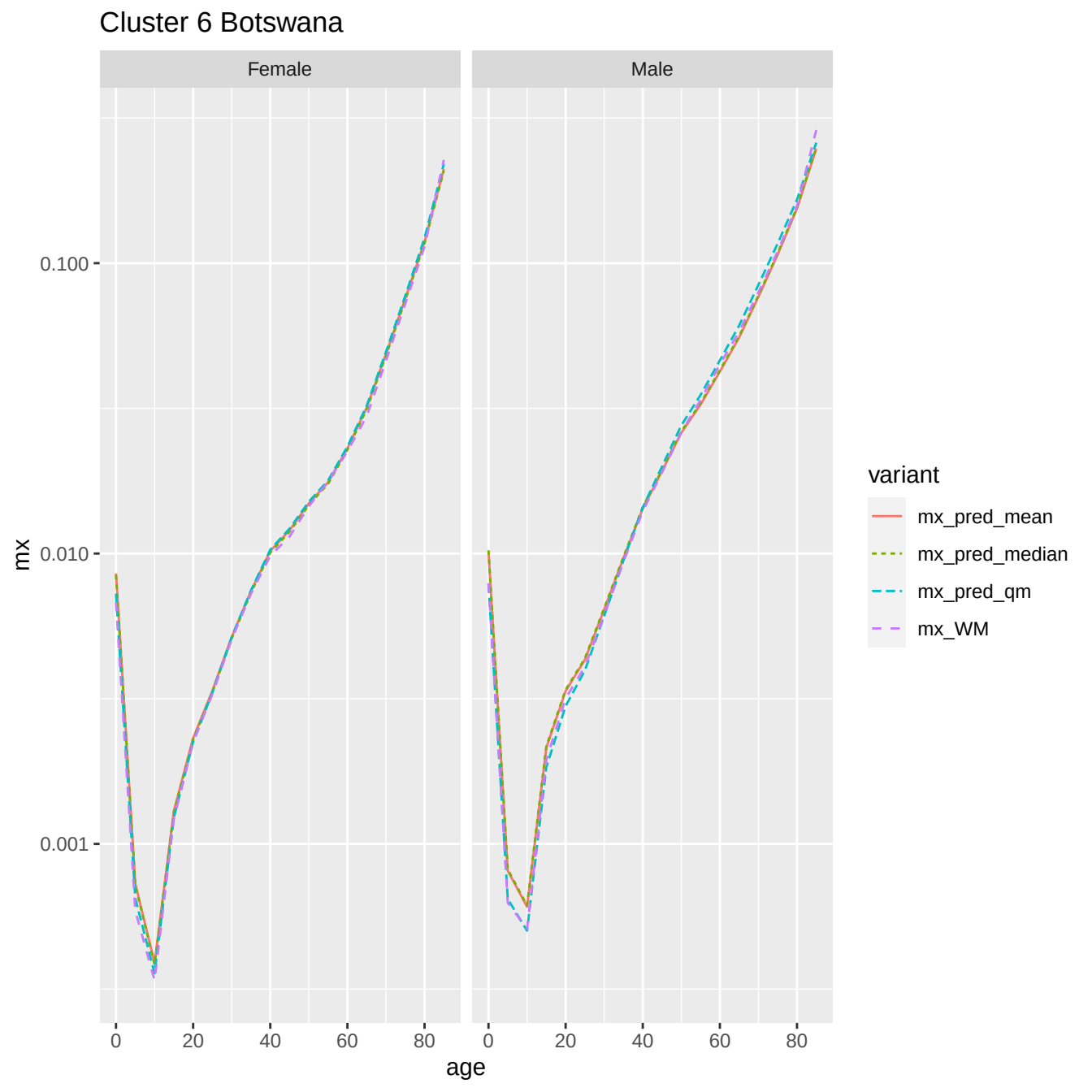

Cluster 6 Antigua and Barbuda
Female
Male
1e−01
1e−03
1e−05
mx
0
20
40
60
80
age
variant
mx_pred_mean
mx_pred_median
mx_pred_qm
mx_WM

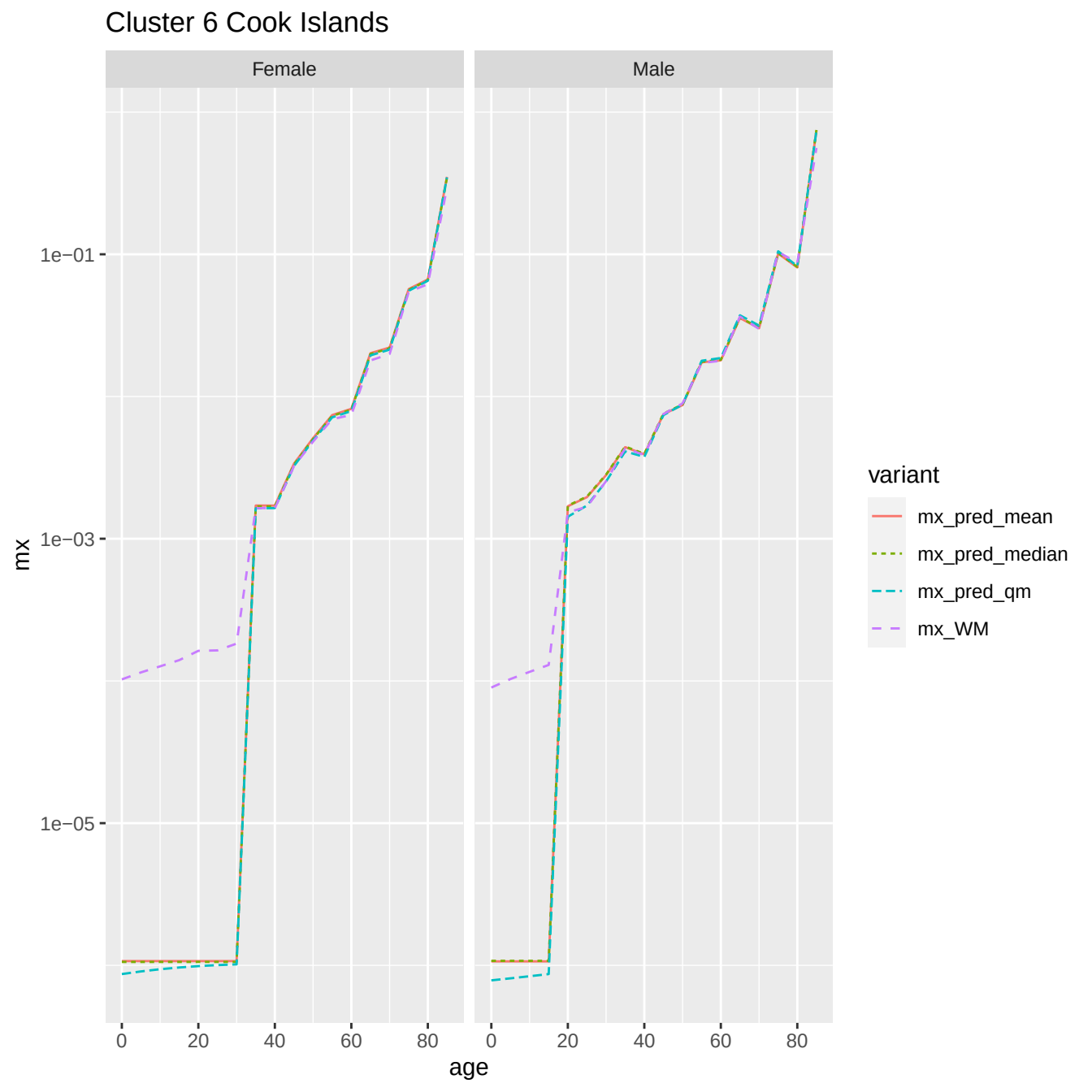

Cluster 6 Bangladesh
Female
Male
0.100
0.010
0.001
mx
0
20
40
60
80
age
variant
mx_pred_mean
mx_pred_median
mx_pred_qm
mx_WM

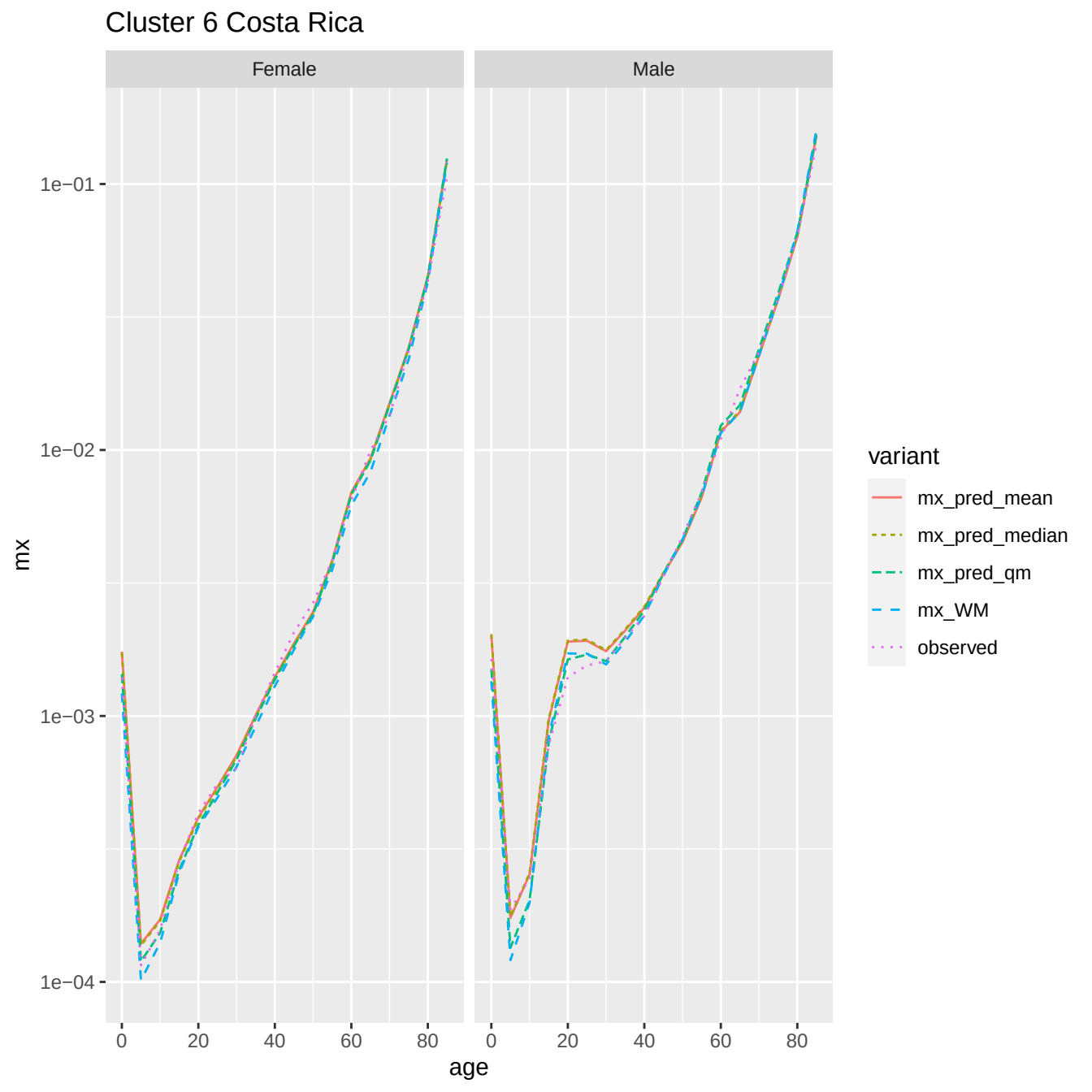

Cluster 6 Bahrain
Female
Male
1e−01
1e−02
1e−03
1e−04
mx
0
20
40
60
80
age
variant
mx_pred_mean
mx_pred_median
mx_pred_qm
mx_WM

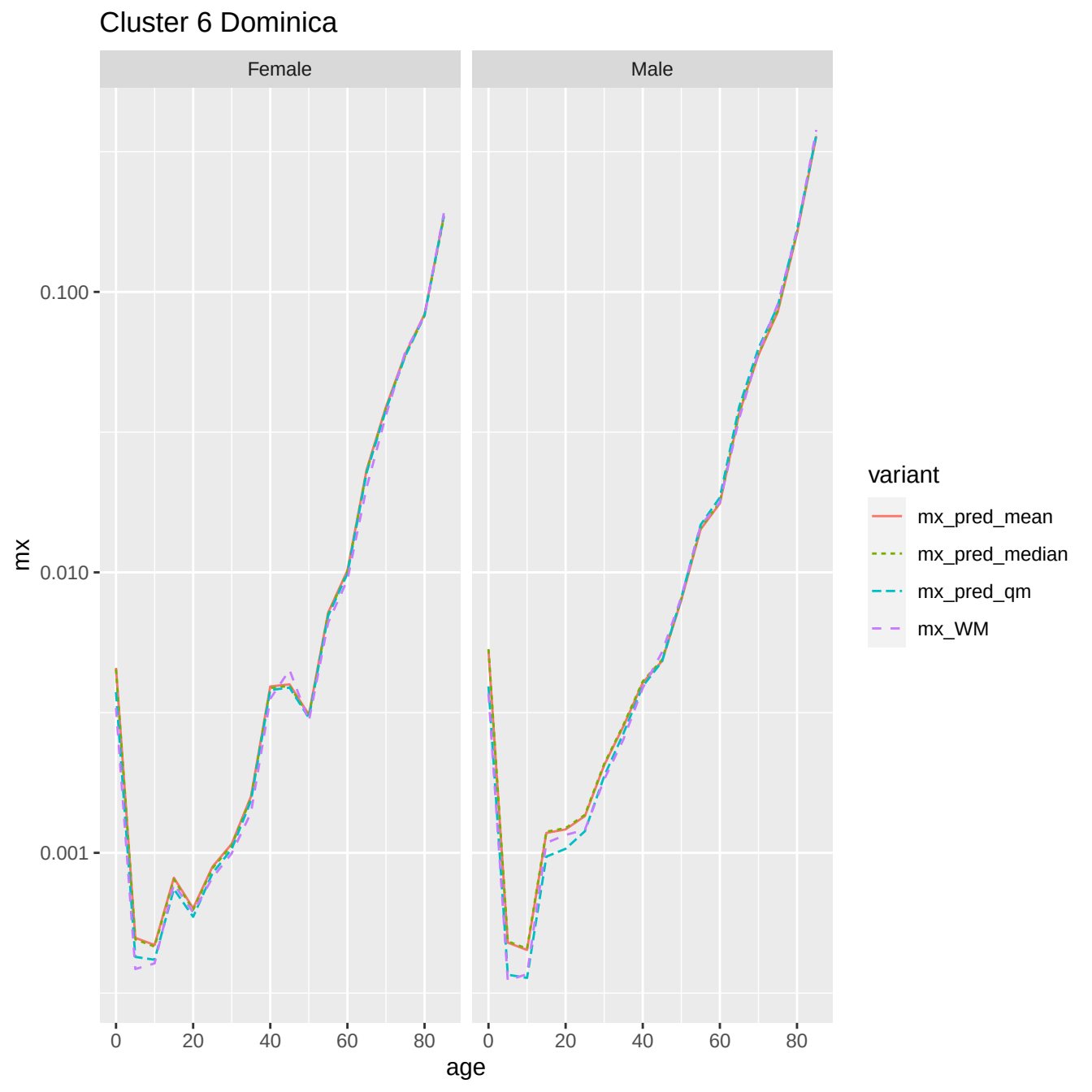

Cluster 6 Bahamas
Female
Male
0.100
0.010
0.001
mx
0
20
40
60
80
age
variant
mx_pred_mean
mx_pred_median
mx_pred_qm
mx_WM

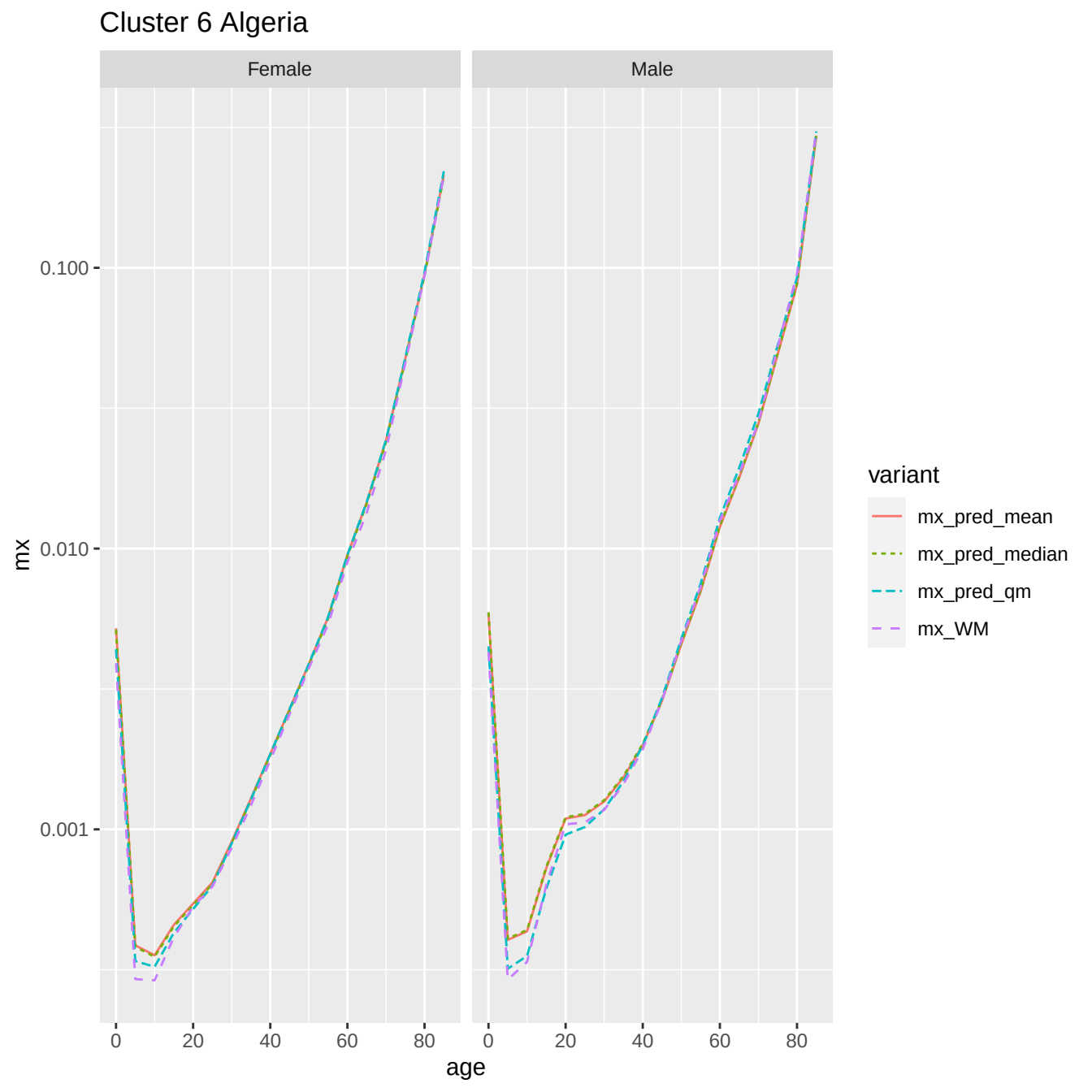

Cluster 6 Bhutan
Female
Male
0.100
0.010
0.001
mx
0
20
40
60
80
age
variant
mx_pred_mean
mx_pred_median
mx_pred_qm
mx_WM

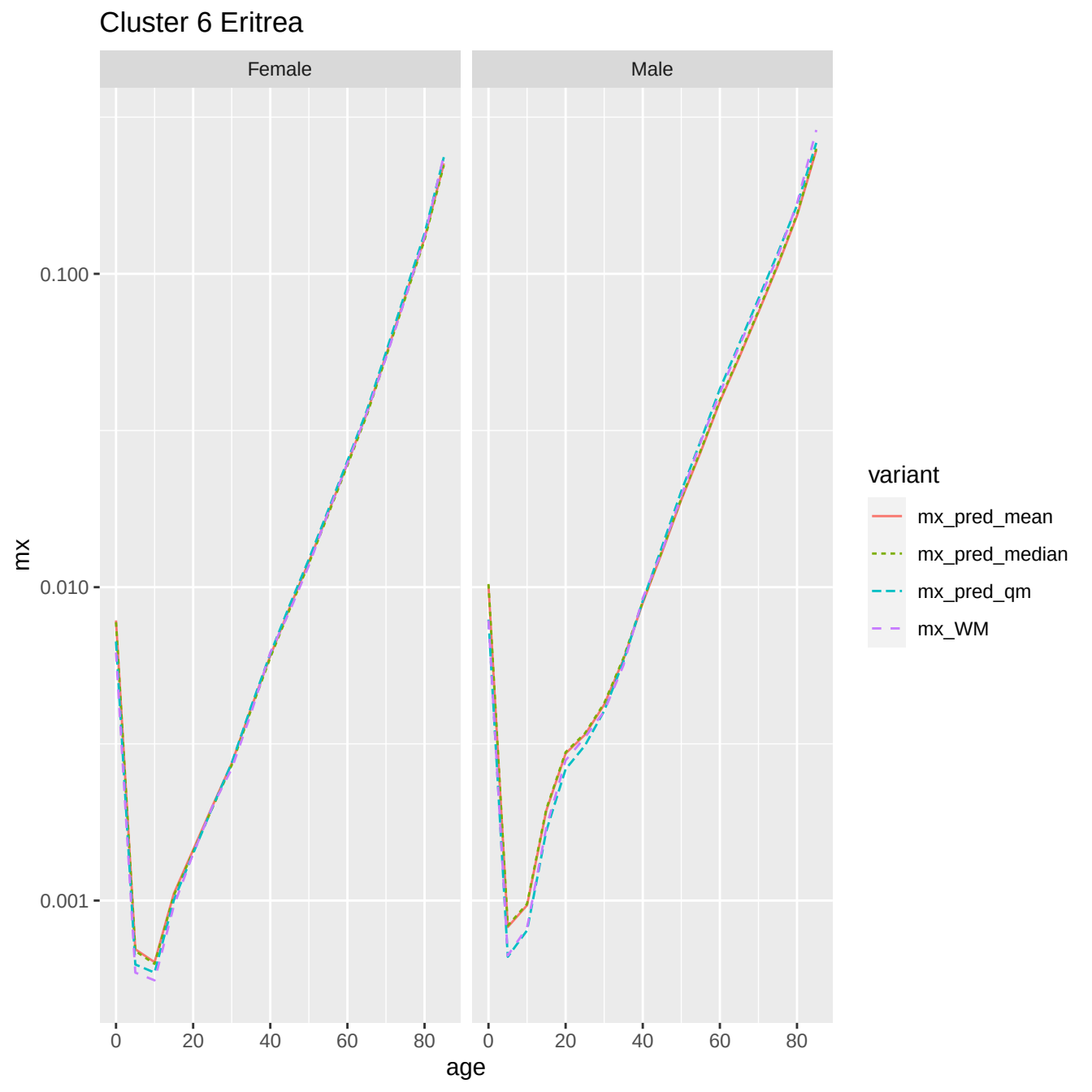

Cluster 6 Botswana
Female
Male
mx
0.100
0.010
0.001
0
20
40
60
80
age
variant
mx_pred_mean
mx_pred_median
mx_pred_qm
mx_WM

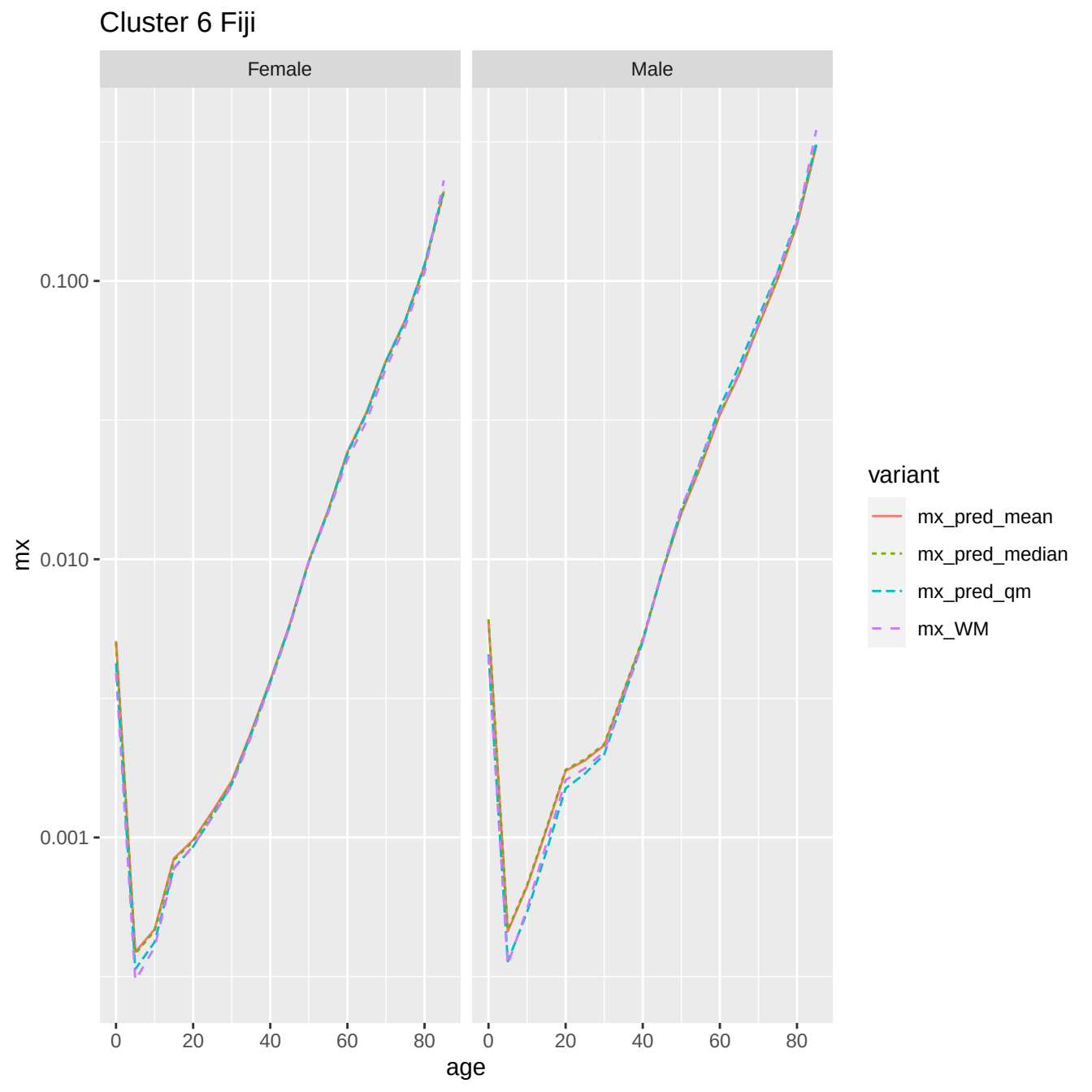

Cluster 6 Cook Islands
Female
Male
mx
1e−01
1e−03
1e−05
0
20
40
60
80
age
variant
mx_pred_mean
mx_pred_median
mx_pred_qm
mx_WM

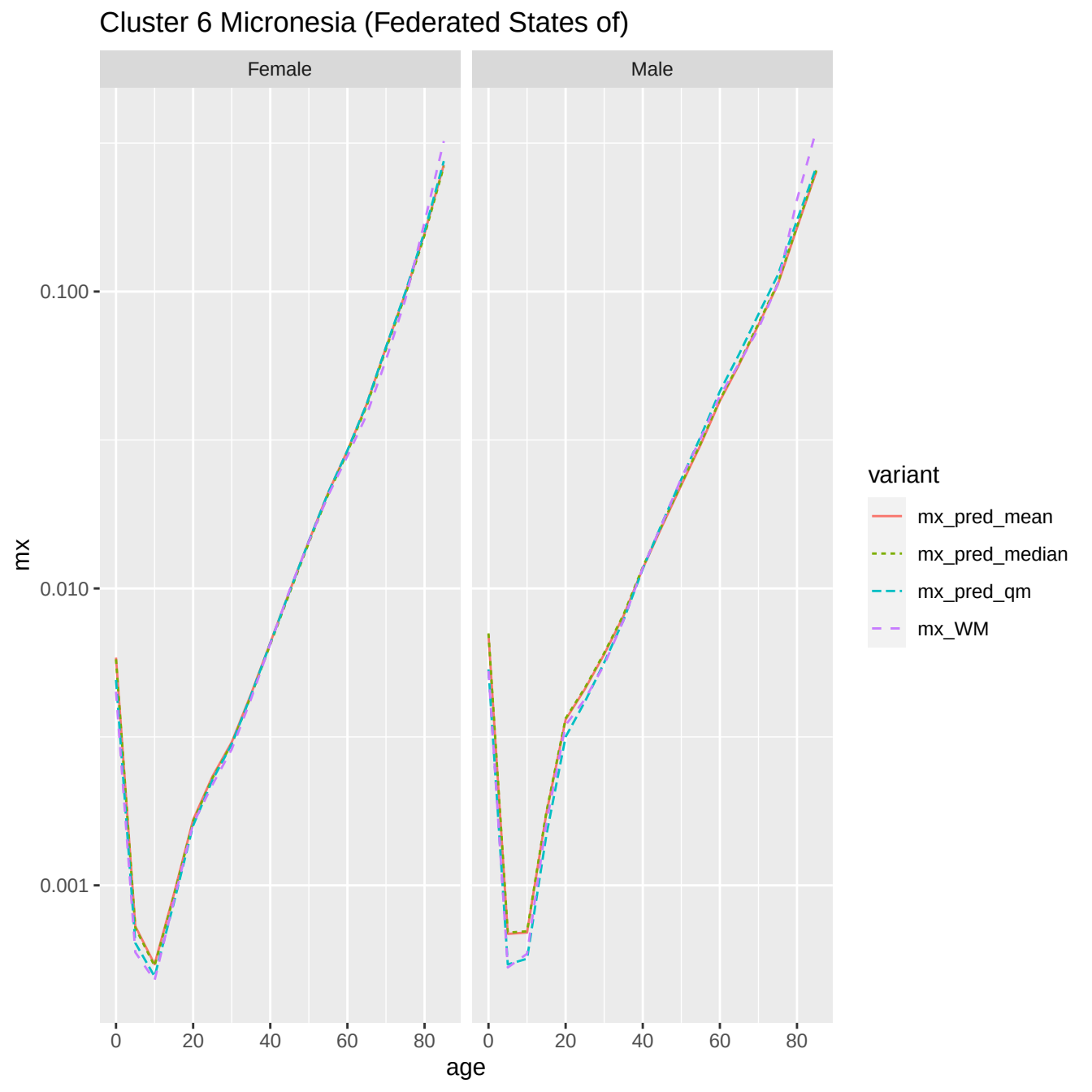

Cluster 6 Costa Rica
Female
Male
1e−01
1e−02
1e−03
1e−04
mx
0
20
40
60
80
age
variant
mx_pred_mean
mx_pred_median
mx_pred_qm
mx_WM
observed

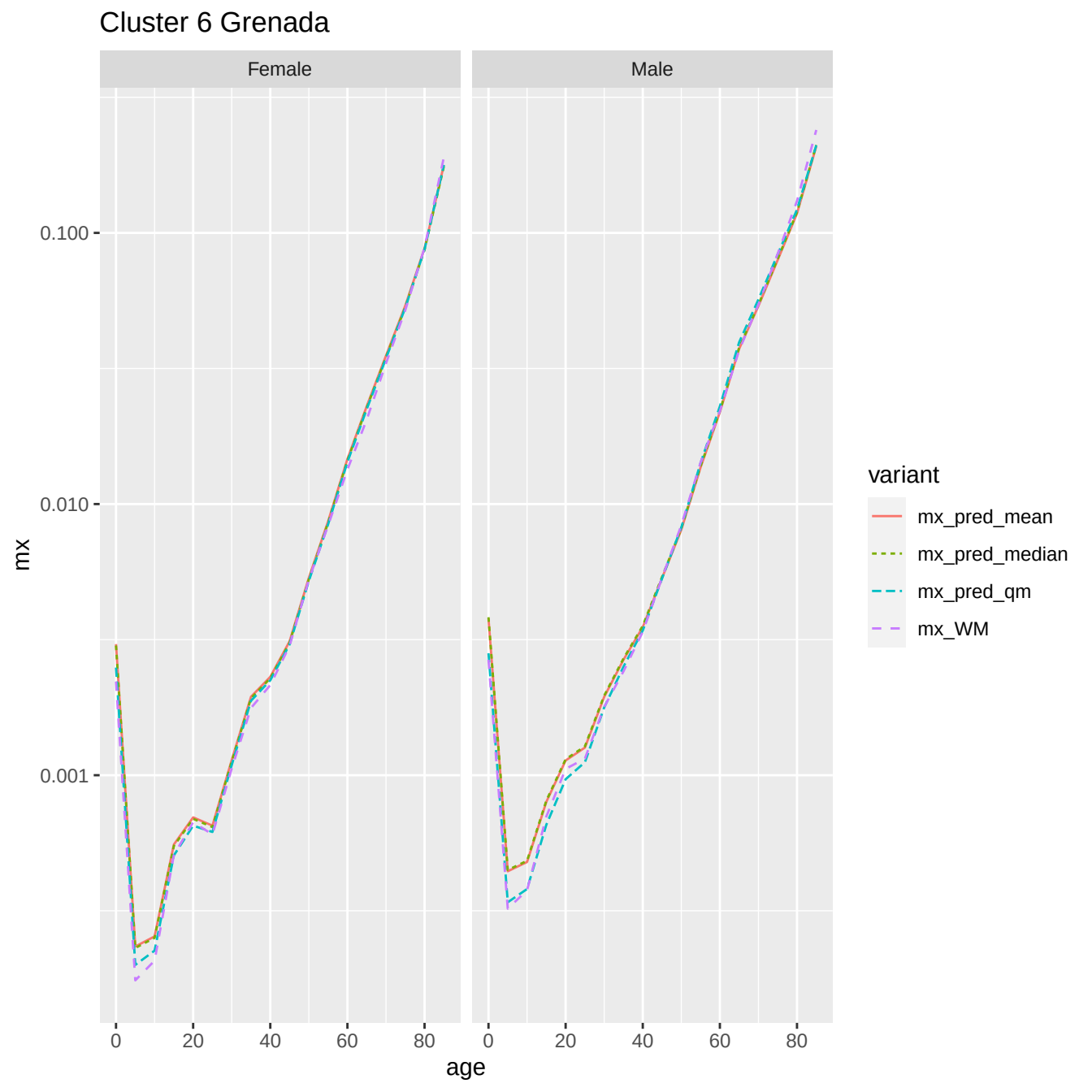

Cluster 6 Dominica
Female
Male
mx
0.100
0.010
0.001
0
20
40
60
80
age
variant
mx_pred_mean
mx_pred_median
mx_pred_qm
mx_WM

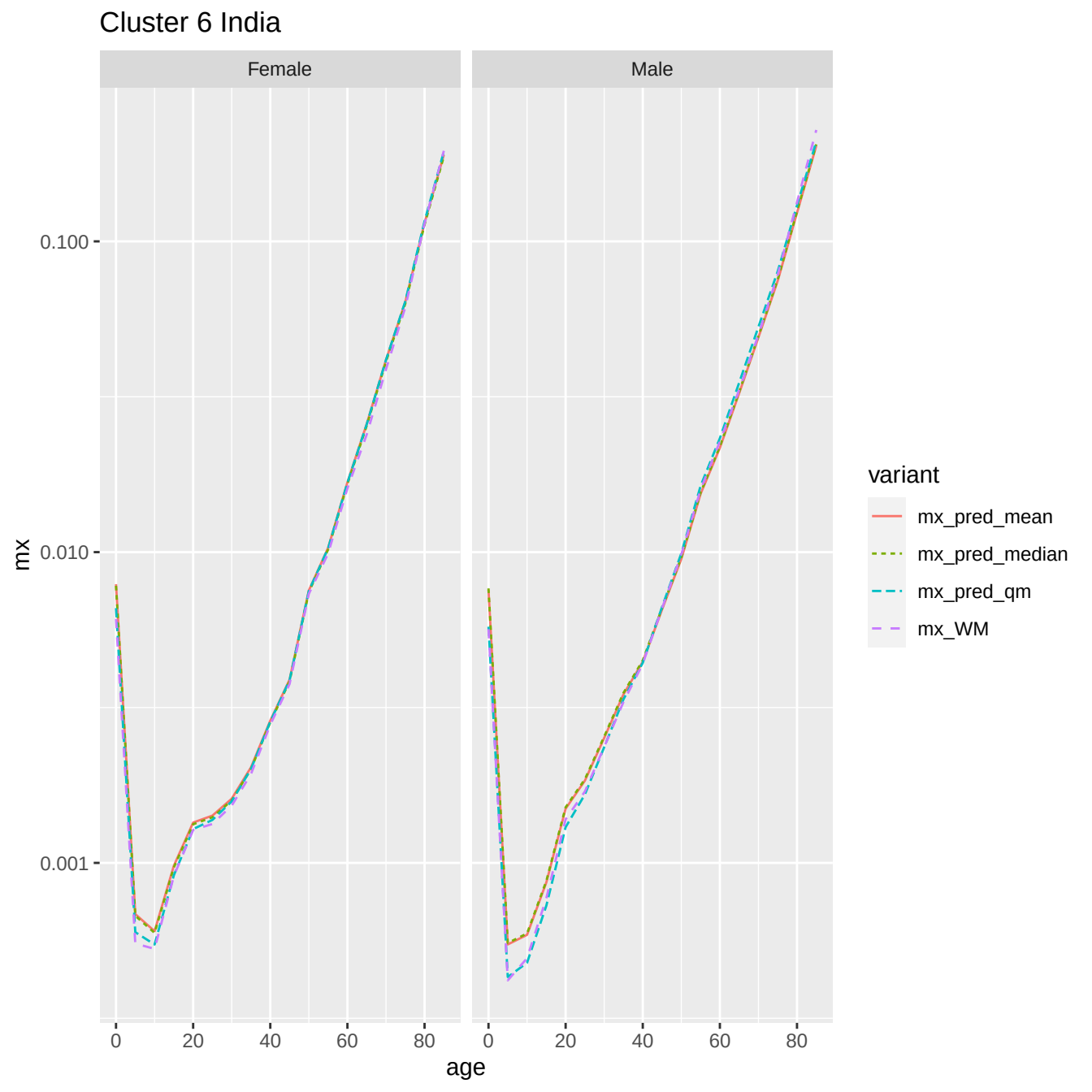

Cluster 6 Algeria
Female
Male
0.100
0.010
0.001
mx
0
20
40
60
80
age
variant
mx_pred_mean
mx_pred_median
mx_pred_qm
mx_WM

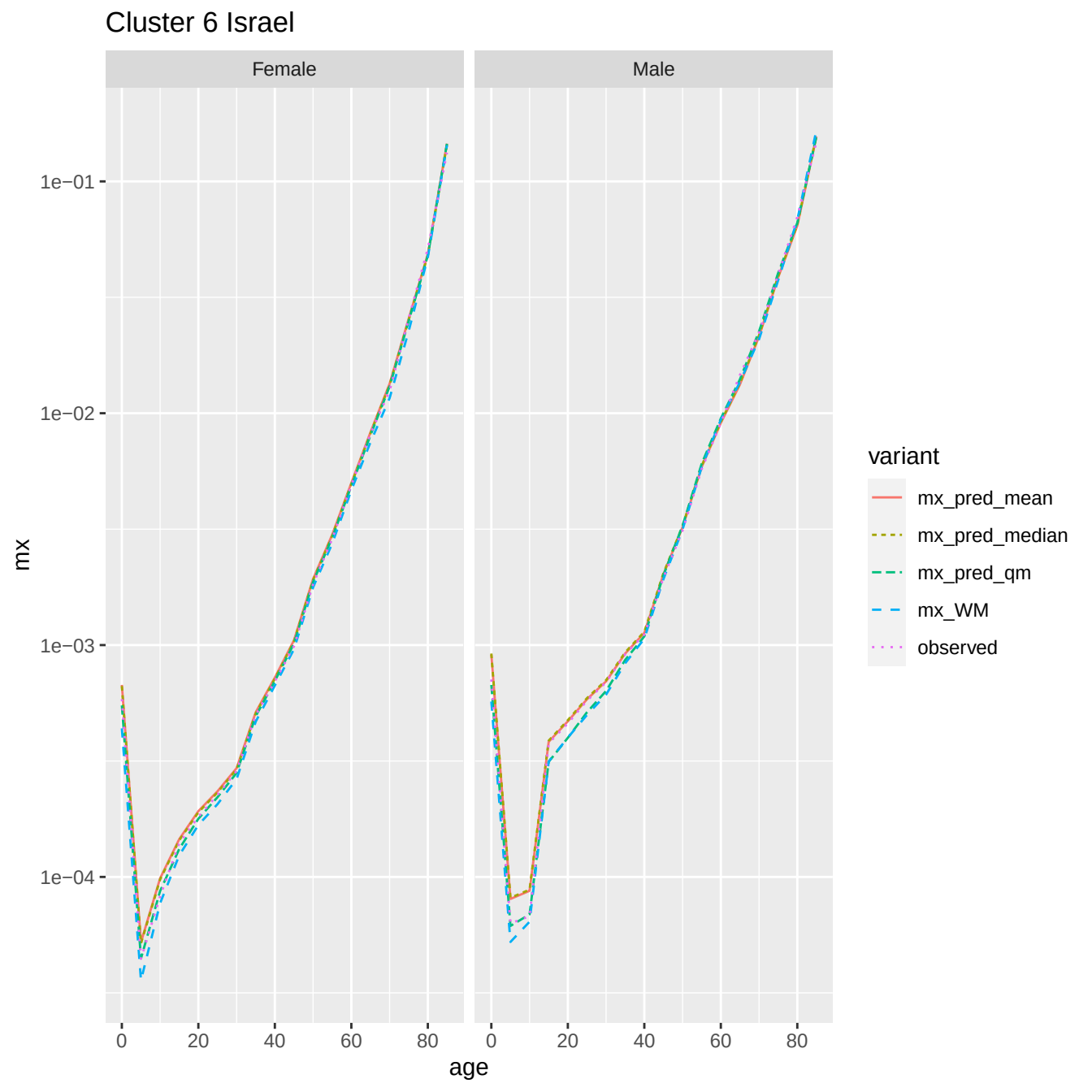

Cluster 6 Eritrea
Female
Male
mx
0.100
0.010
0.001
0
20
40
60
80
age
variant
mx_pred_mean
mx_pred_median
mx_pred_qm
mx_WM

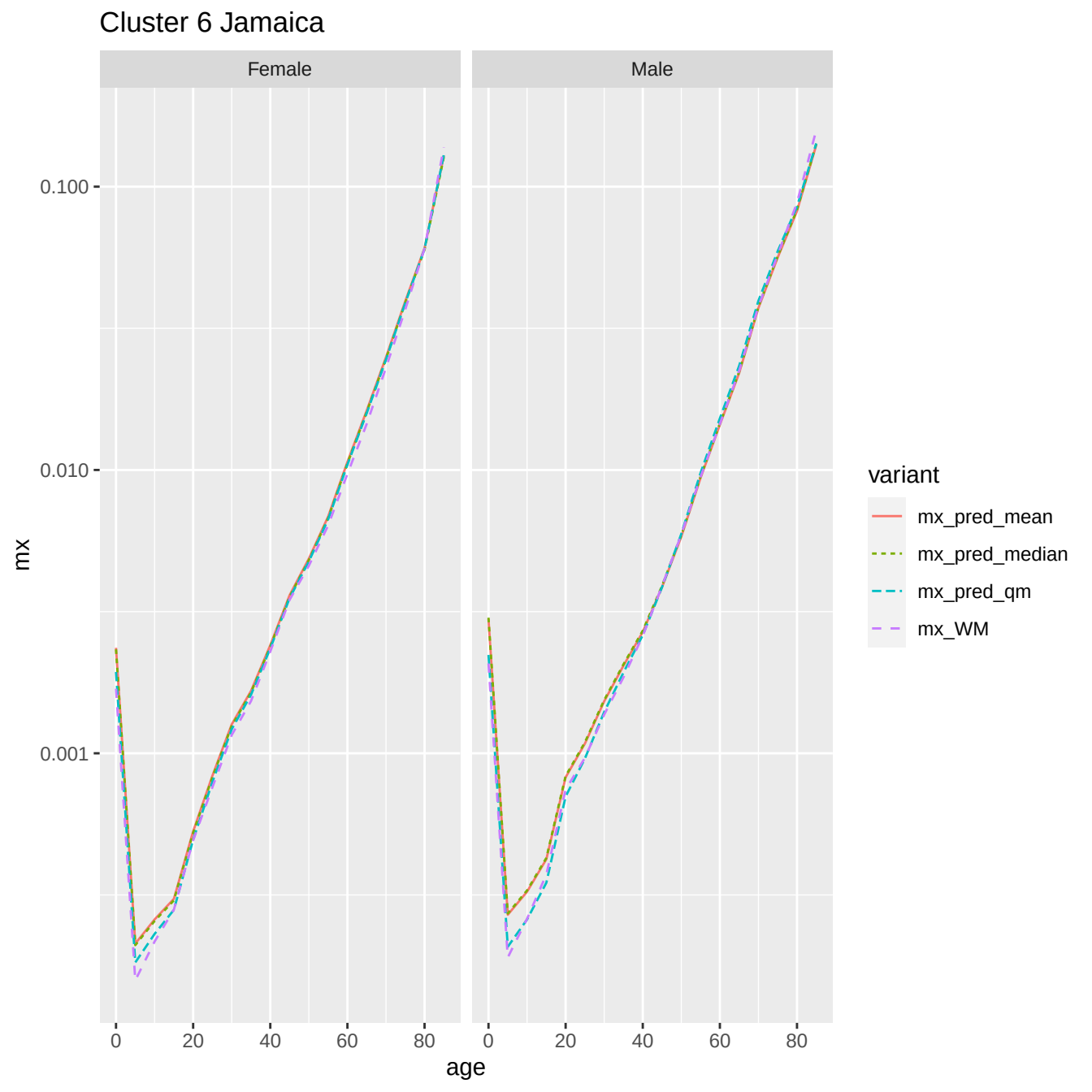

Cluster 6 Fiji
Female
Male
0.100
0.010
0.001
mx
0
20
40
60
80
age
variant
mx_pred_mean
mx_pred_median
mx_pred_qm
mx_WM

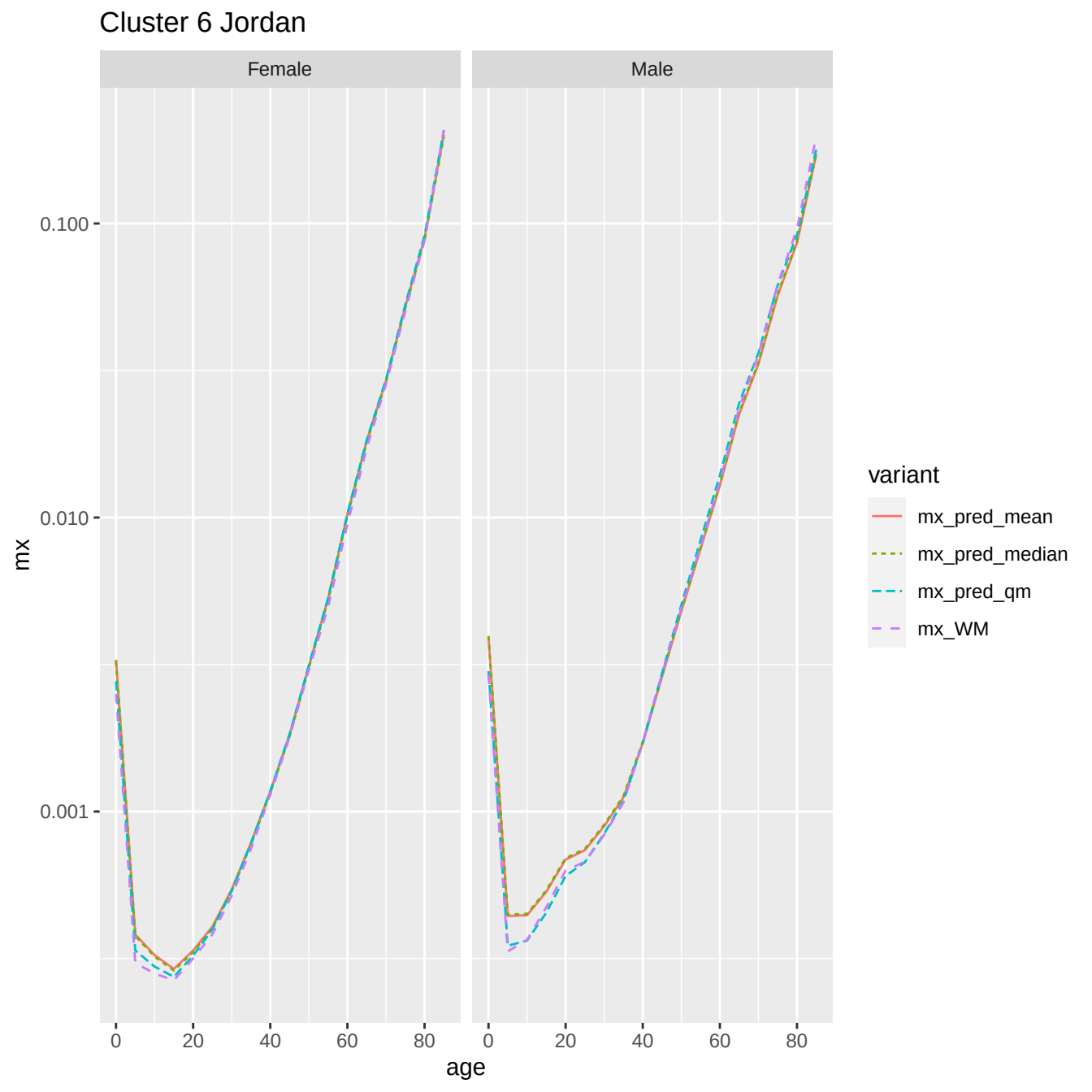

Cluster 6 Micronesia (Federated States of)
Female
Male
mx
0.100
0.010
0.001
0
20
40
60
80
age
variant
mx_pred_mean
mx_pred_median
mx_pred_qm
mx_WM

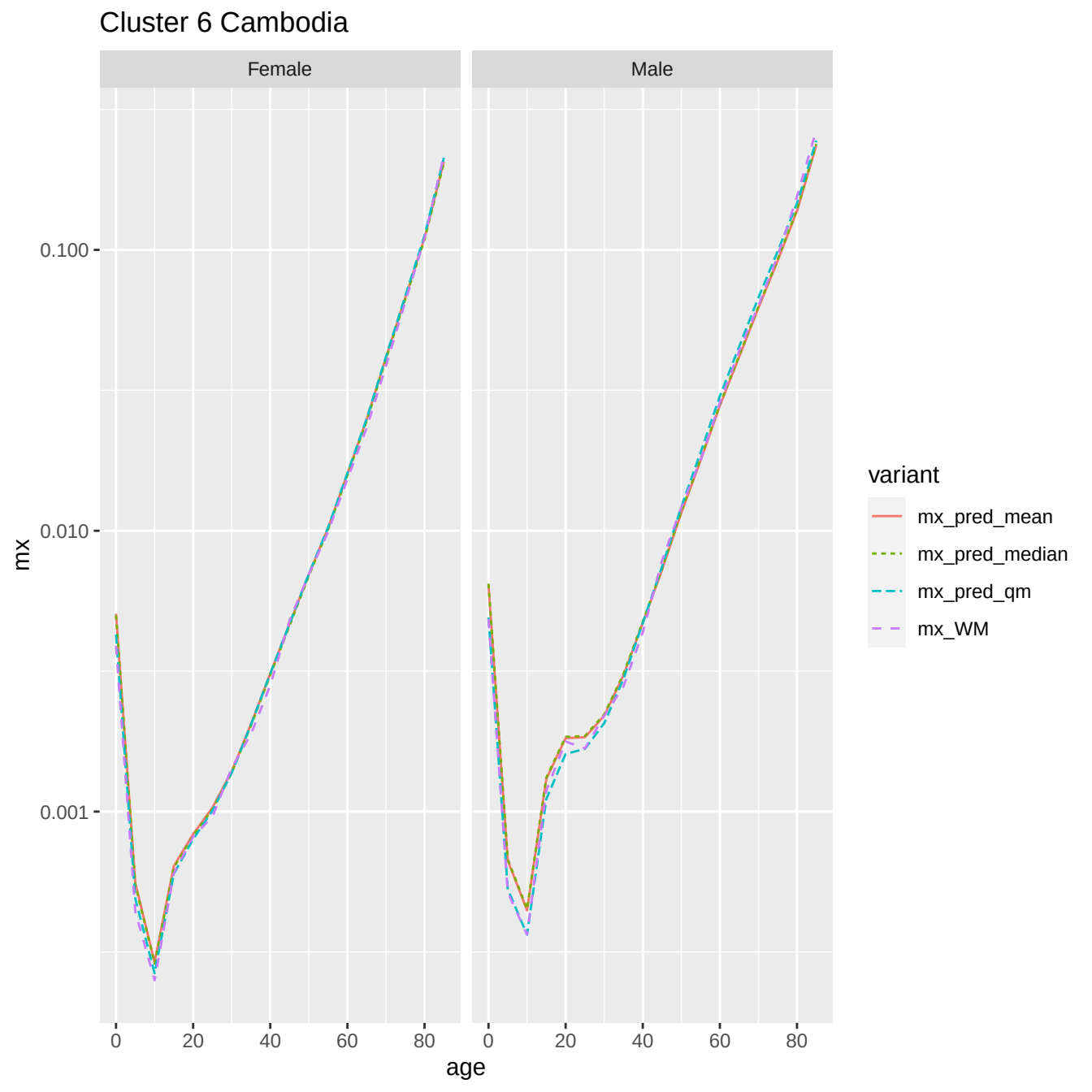

Cluster 6 Grenada
Female
Male
0.100
0.010
0.001
mx
0
20
40
60
80
age
variant
mx_pred_mean
mx_pred_median
mx_pred_qm
mx_WM

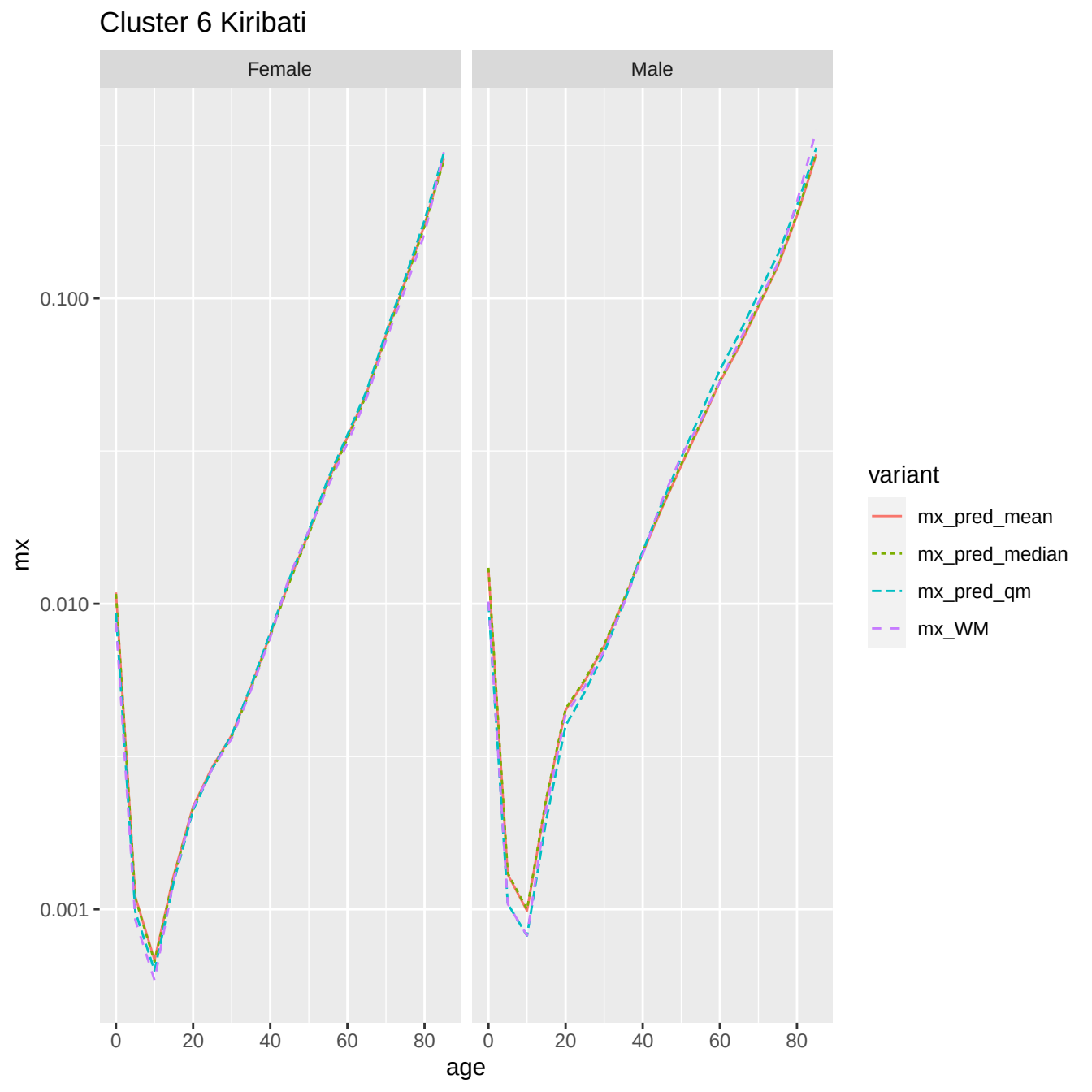

Cluster 6 India
Female
Male
mx
0.100
0.010
0.001
0
20
40
60
80
age
variant
mx_pred_mean
mx_pred_median
mx_pred_qm
mx_WM

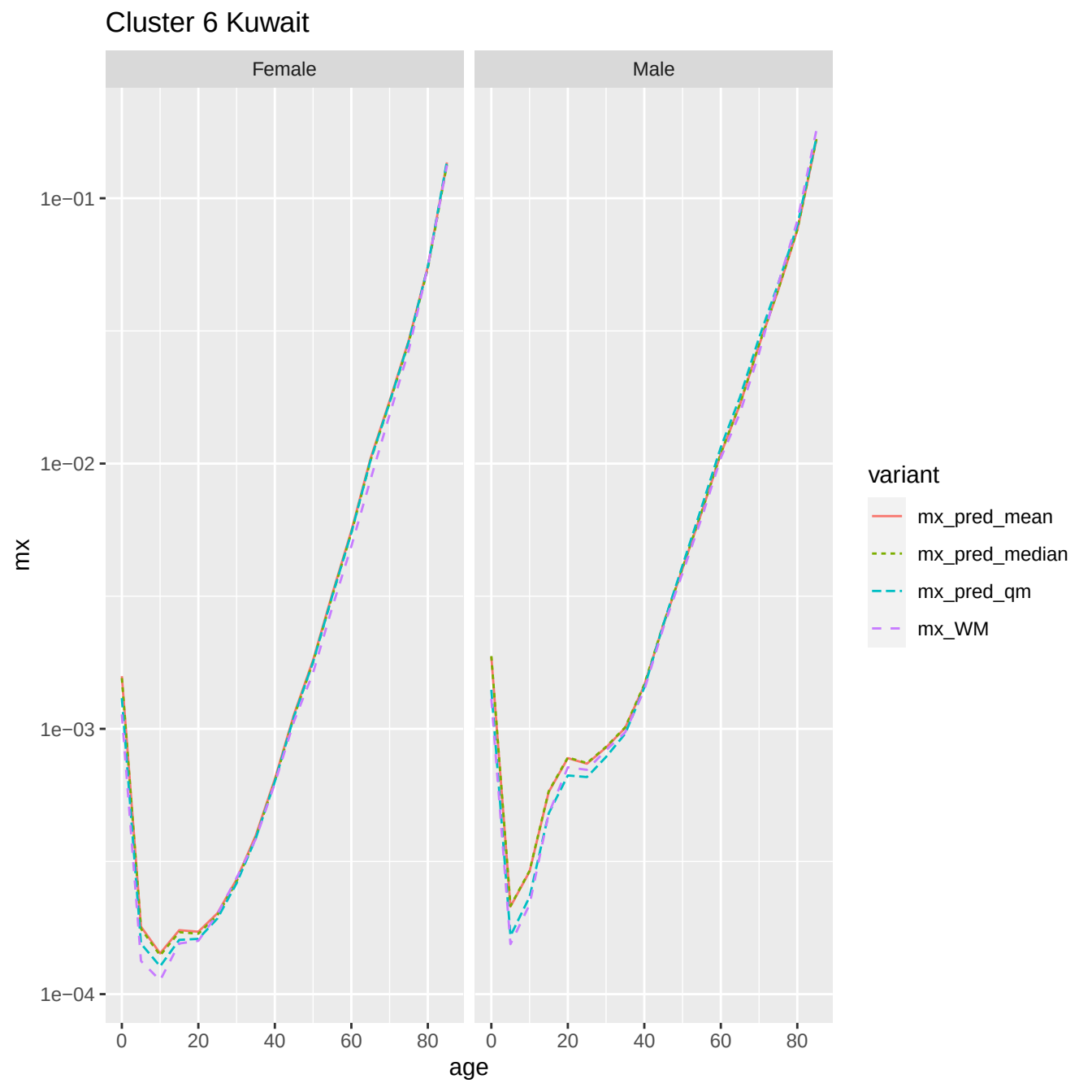

Cluster 6 Israel
Female
Male
1e−01
1e−02
1e−03
1e−04
mx
0
20
40
60
80
age
variant
mx_pred_mean
mx_pred_median
mx_pred_qm
mx_WM
observed

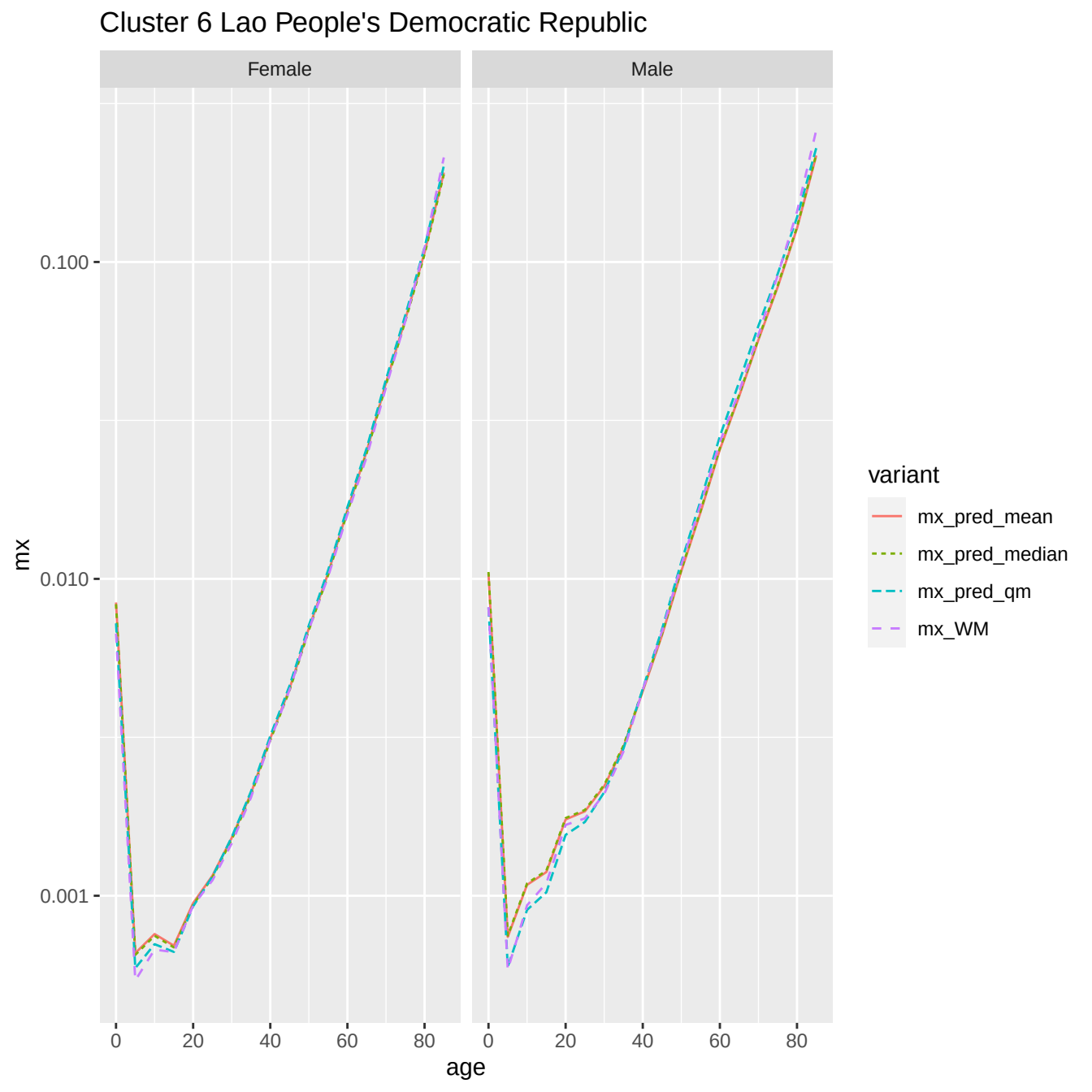

Cluster 6 Jamaica
Female
Male
0.100
0.010
0.001
mx
0
20
40
60
80
age
variant
mx_pred_mean
mx_pred_median
mx_pred_qm
mx_WM

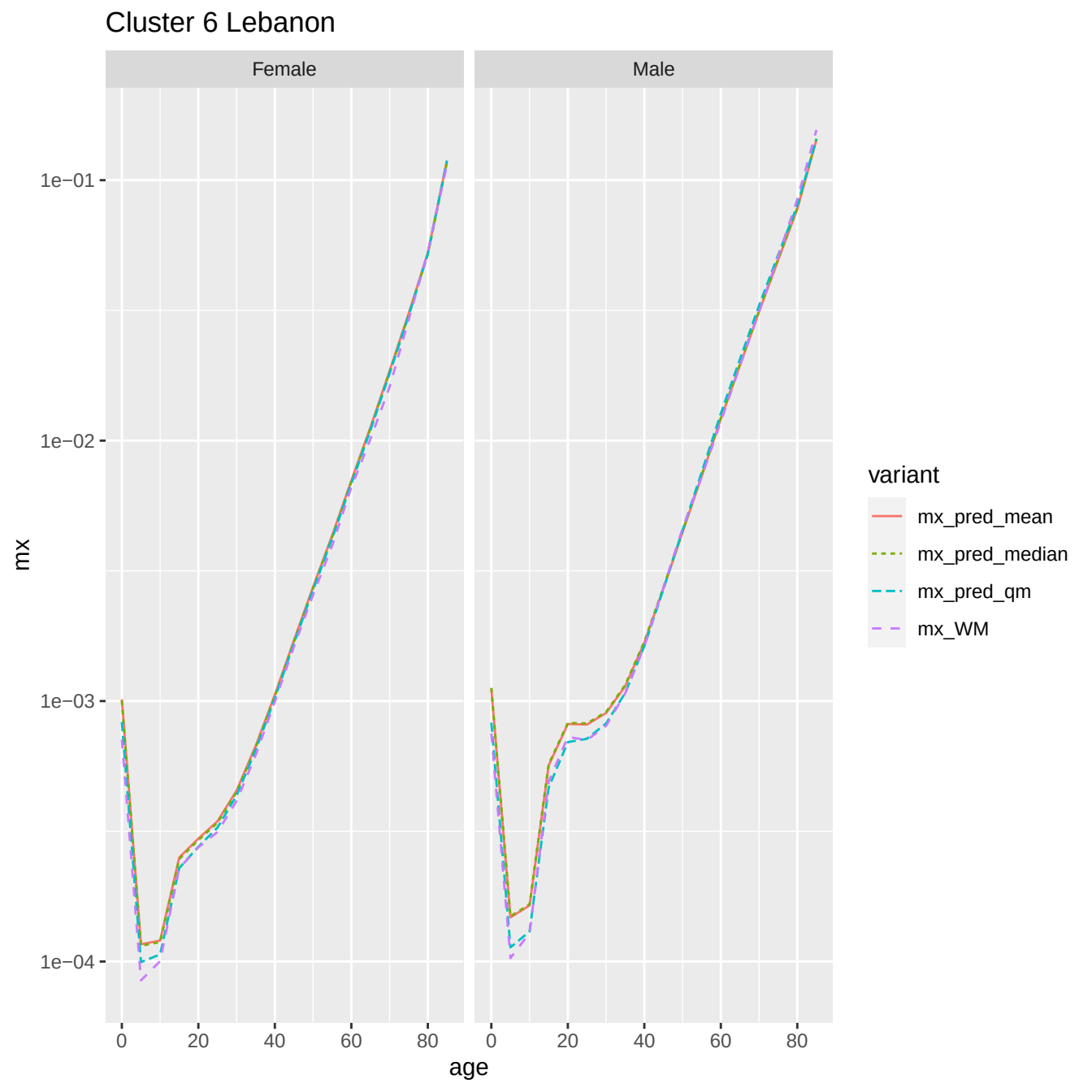

Cluster 6 Jordan
Female
Male
0.100
0.010
0.001
mx
0
20
40
60
80
age
variant
mx_pred_mean
mx_pred_median
mx_pred_qm
mx_WM

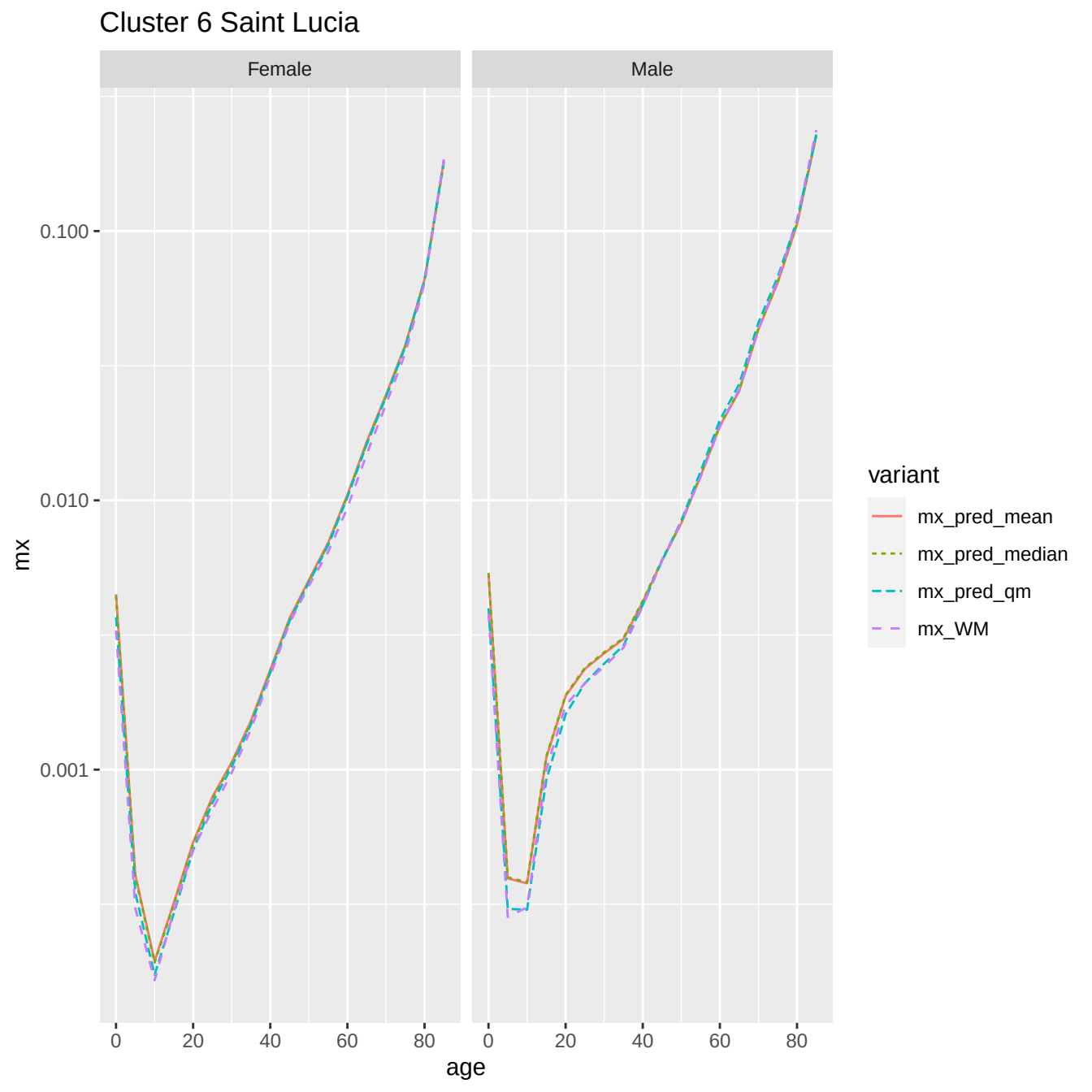

Cluster 6 Cambodia
Female
Male
0.100
0.010
0.001
mx
0
20
40
60
80
age
variant
mx_pred_mean
mx_pred_median
mx_pred_qm
mx_WM

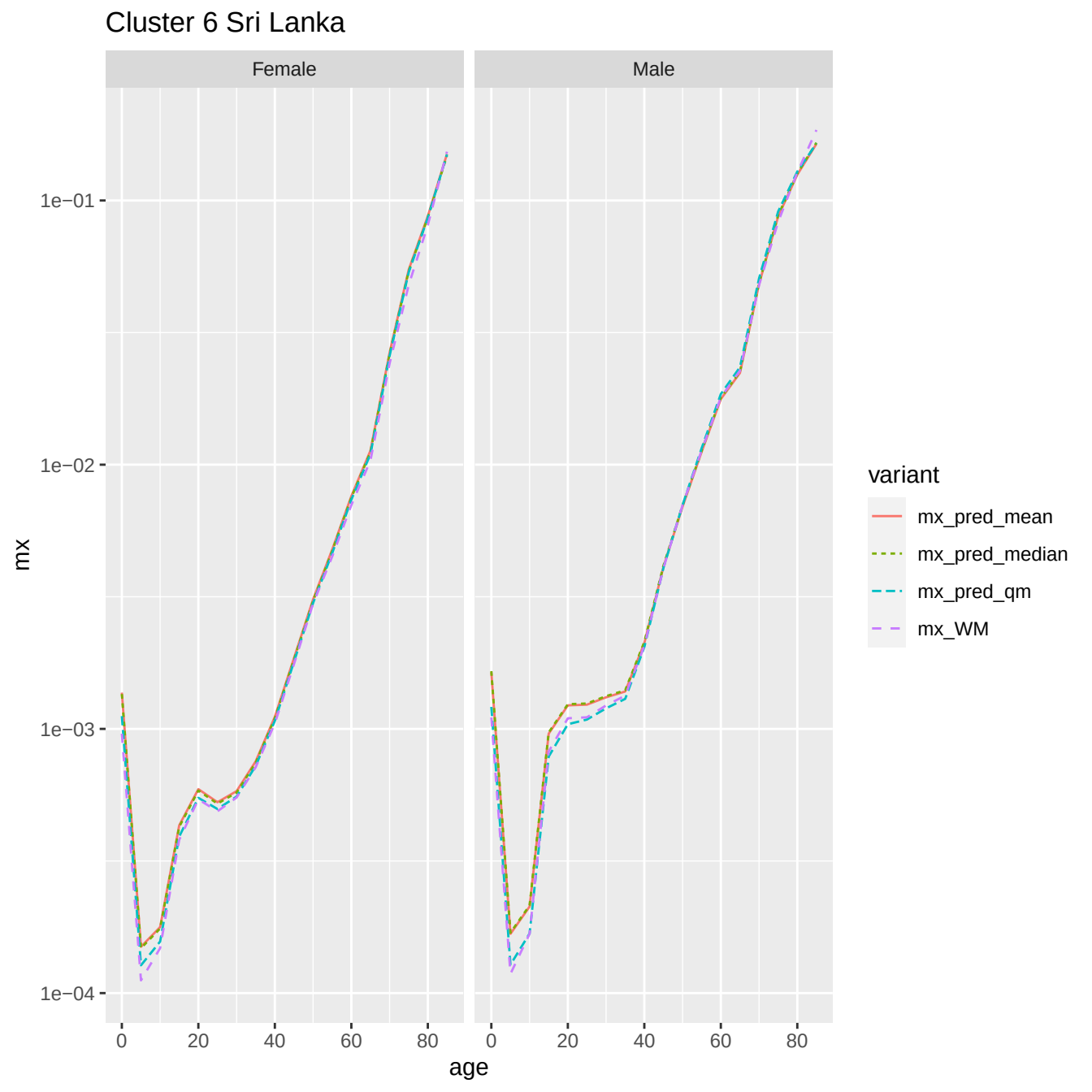

Cluster 6 Kiribati
Female
Male
mx
0.100
0.010
0.001
0
20
40
60
80
age
variant
mx_pred_mean
mx_pred_median
mx_pred_qm
mx_WM

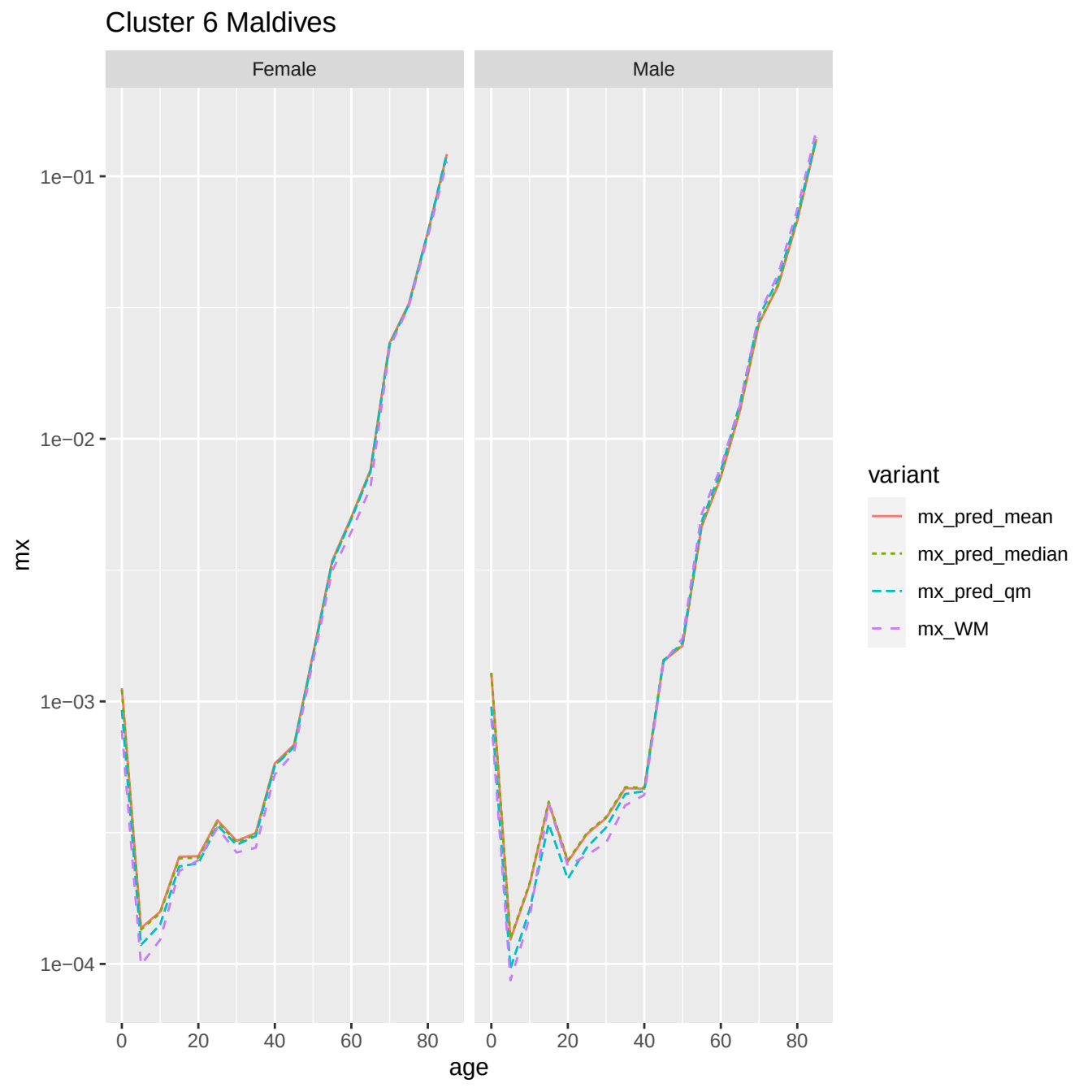

Cluster 6 Kuwait
Female
Male
1e−01
1e−02
1e−03
1e−04
mx
0
20
40
60
80
age
variant
mx_pred_mean
mx_pred_median
mx_pred_qm
mx_WM

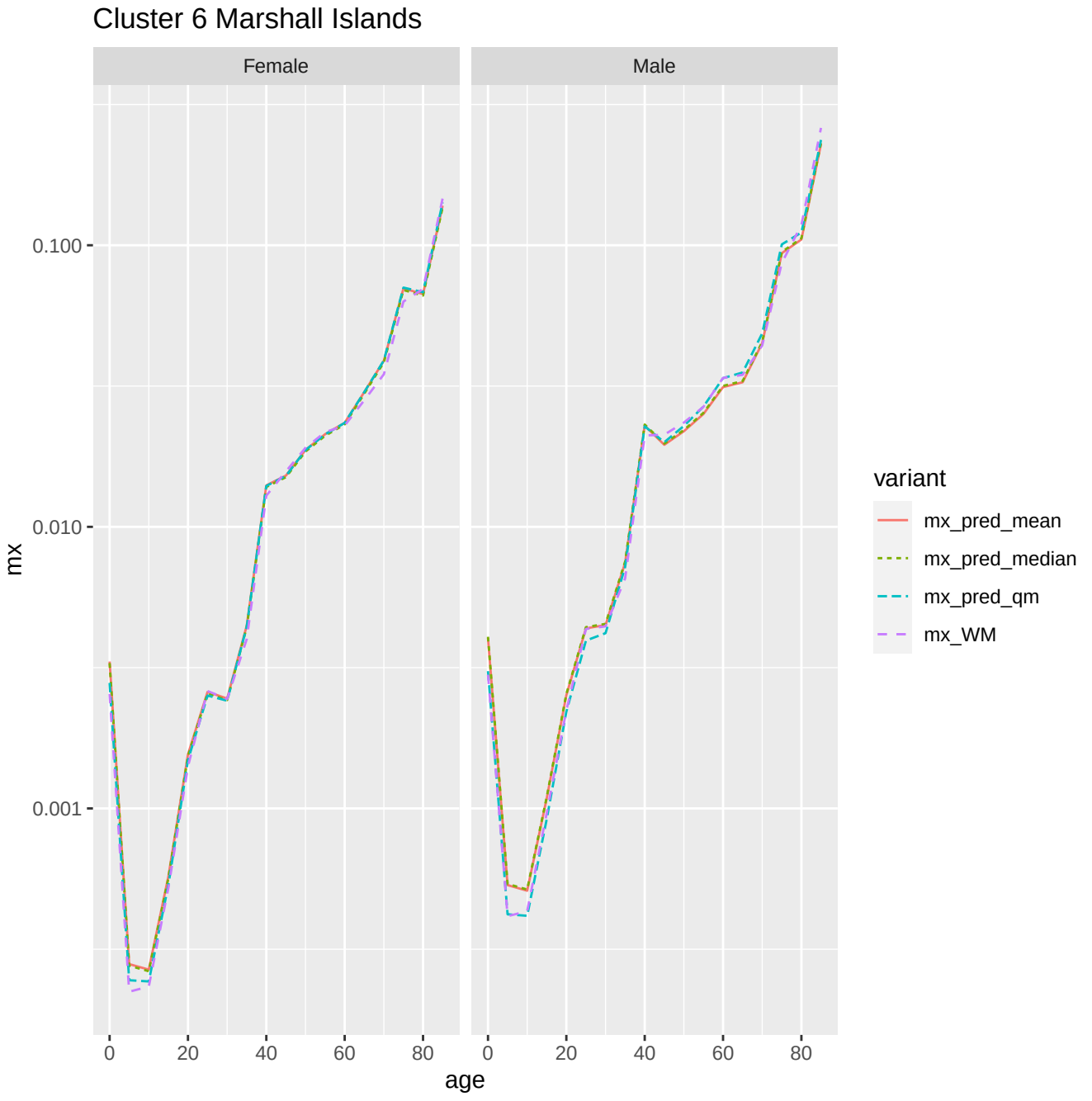

Cluster 6 Lao People's Democratic Republic
Female
Male
mx
0.100
0.010
0.001
0
20
40
60
80
age
variant
mx_pred_mean
mx_pred_median
mx_pred_qm
mx_WM

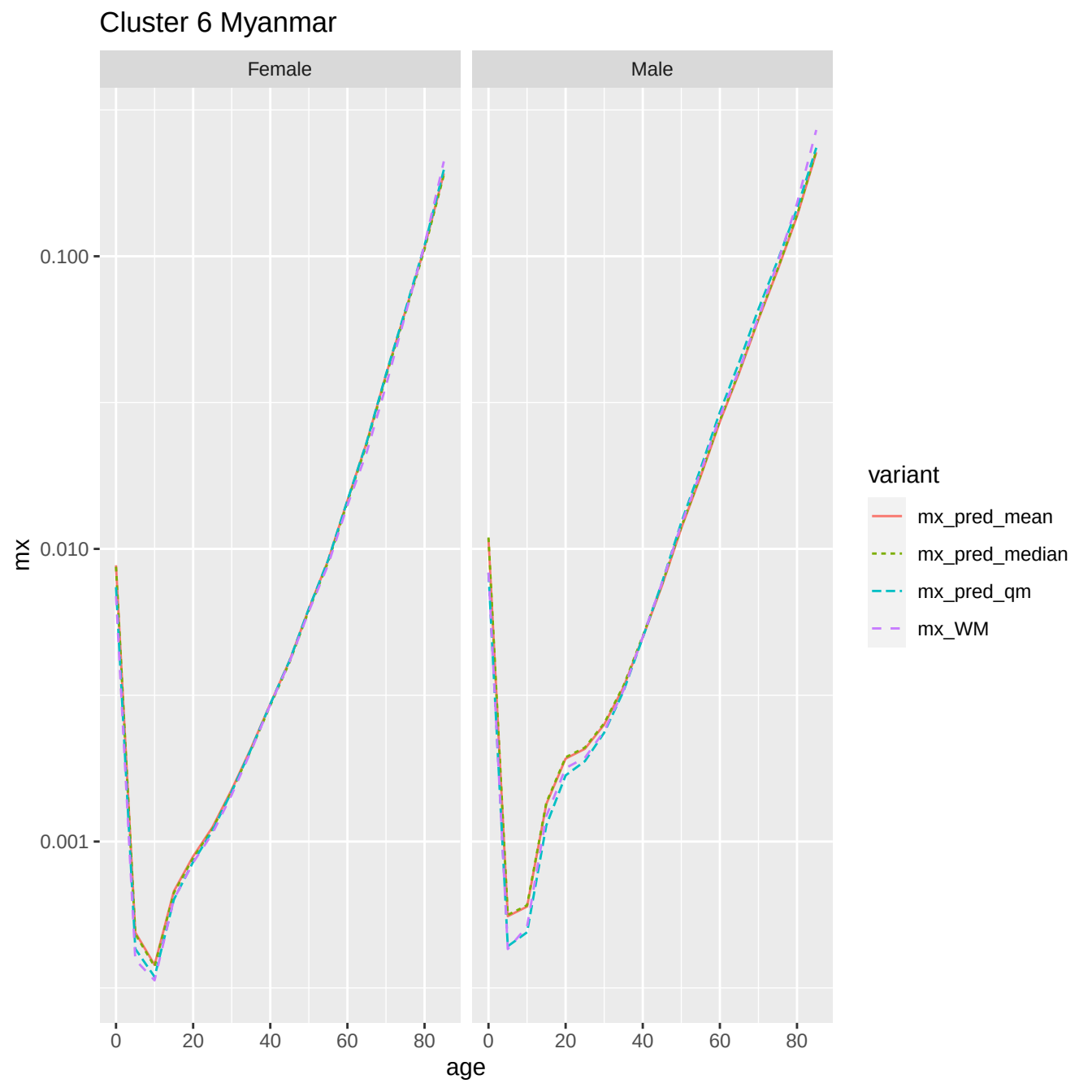

Cluster 6 Lebanon
Female
Male
1e−01
1e−02
1e−03
1e−04
mx
0
20
40
60
80
age
variant
mx_pred_mean
mx_pred_median
mx_pred_qm
mx_WM

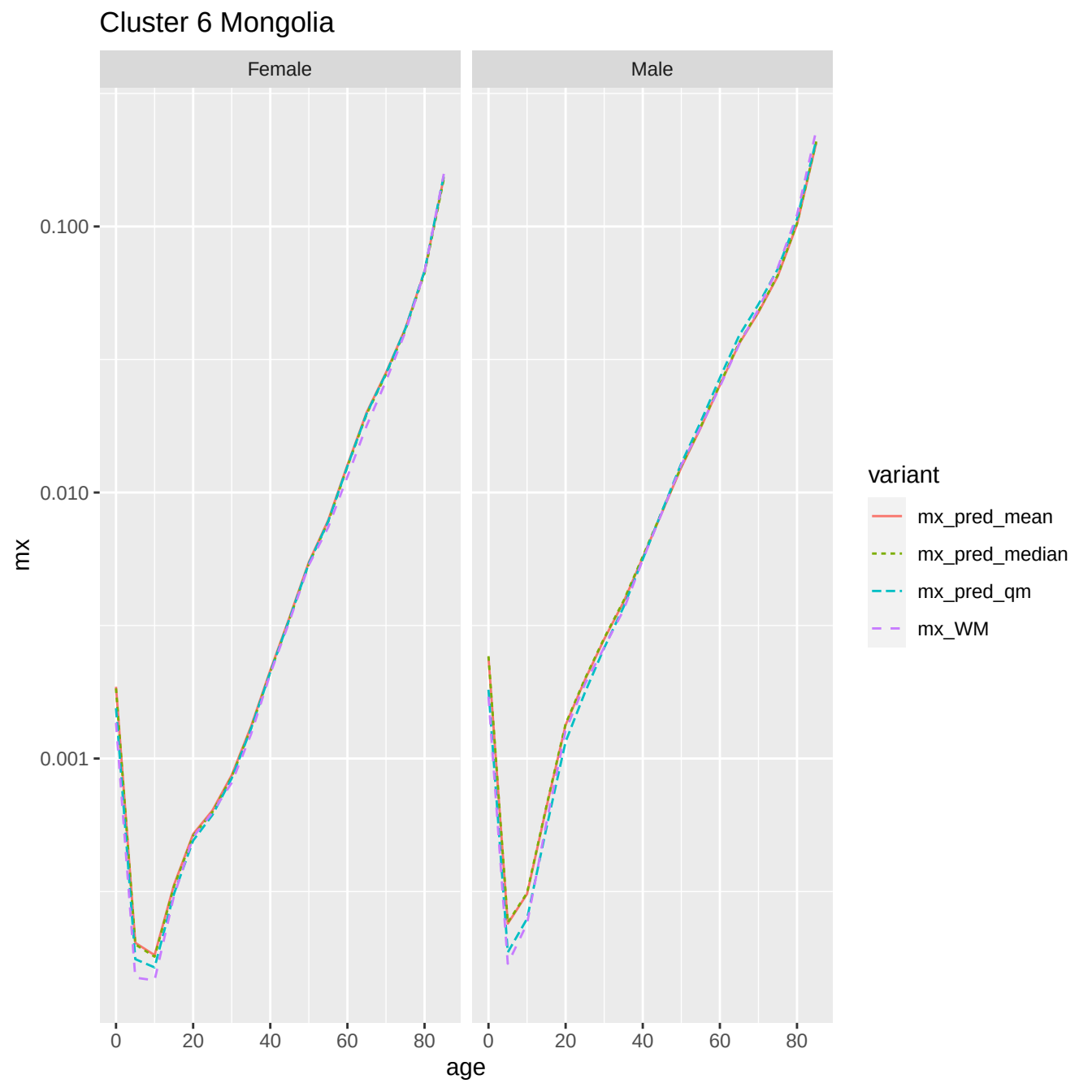

Cluster 6 Saint Lucia
Female
Male
0.100
0.010
0.001
mx
0
20
40
60
80
age
variant
mx_pred_mean
mx_pred_median
mx_pred_qm
mx_WM

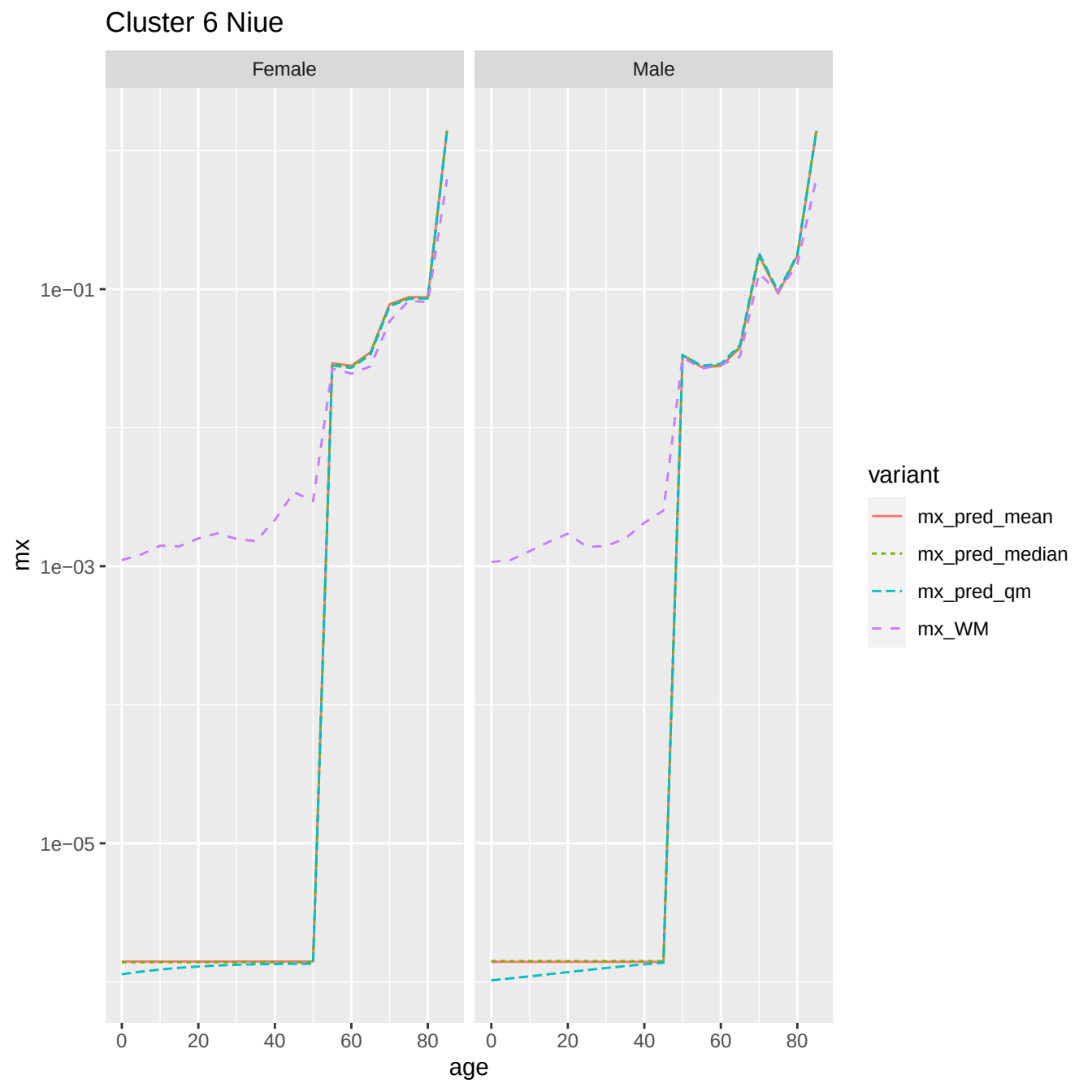

Cluster 6 Sri Lanka
Female
Male
1e−01
1e−02
1e−03
1e−04
mx
0
20
40
60
80
age
variant
mx_pred_mean
mx_pred_median
mx_pred_qm
mx_WM

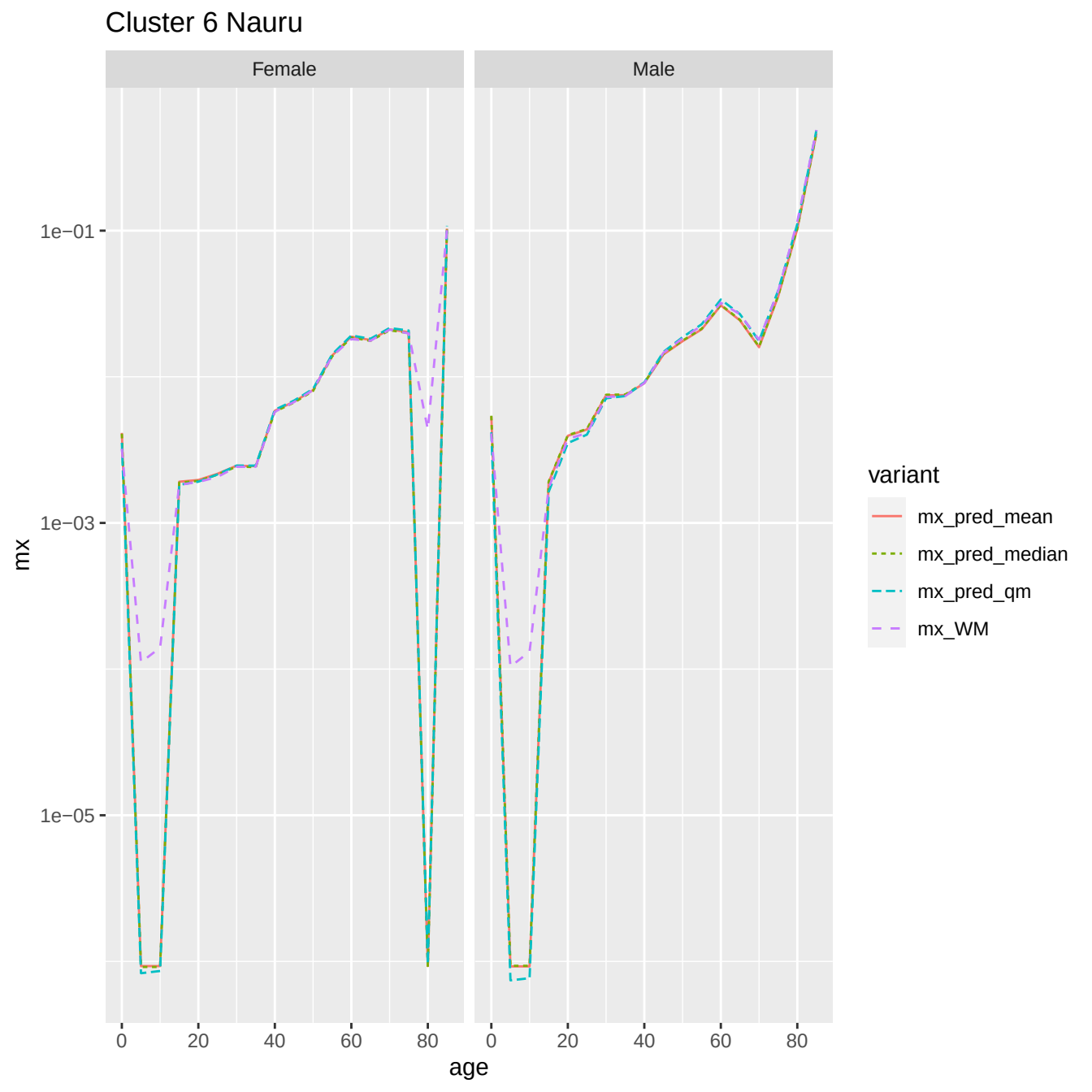

Cluster 6 Maldives
Female
Male
1e−01
1e−02
1e−03
1e−04
mx
0
20
40
60
80
age
variant
mx_pred_mean
mx_pred_median
mx_pred_qm
mx_WM

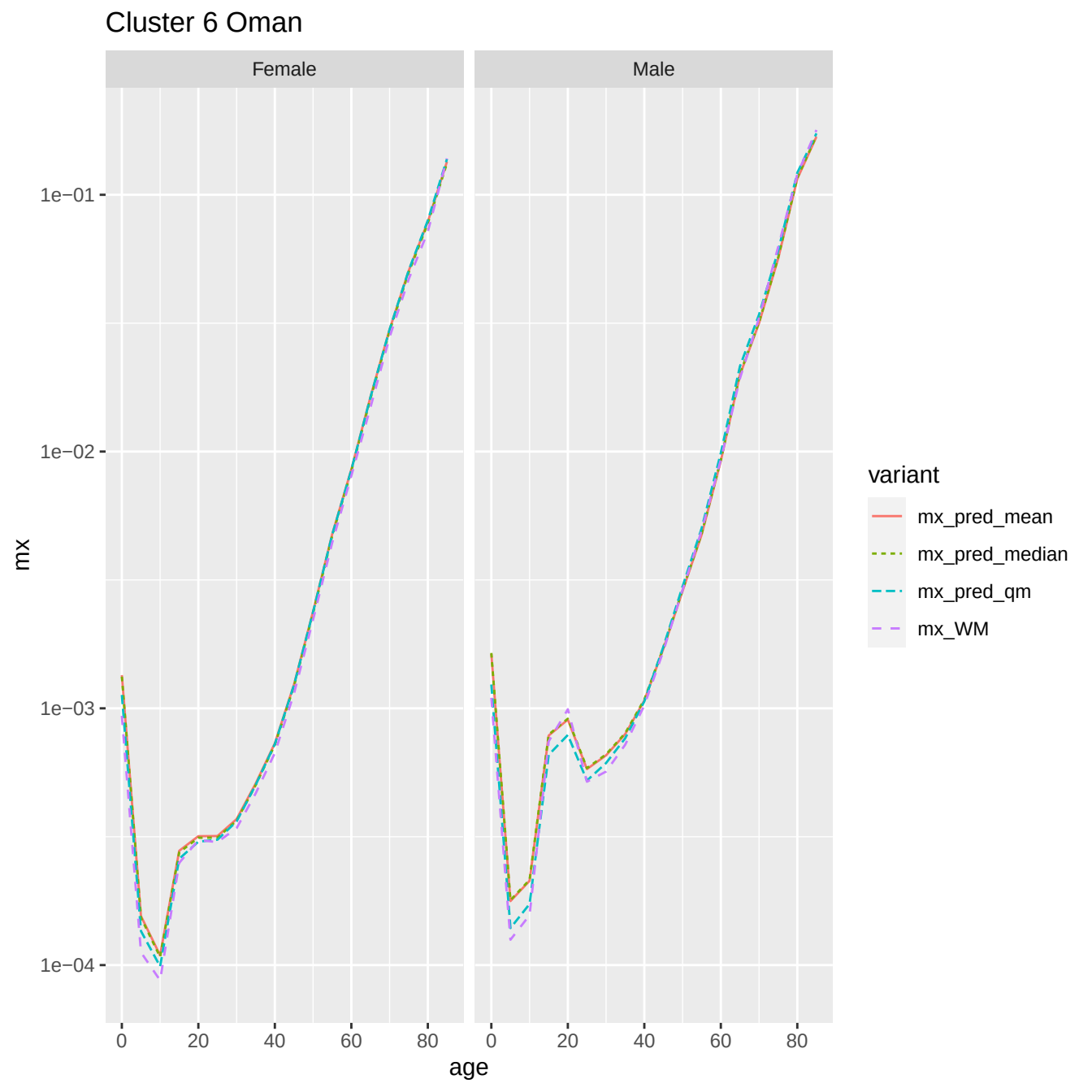

Cluster 6 Marshall Islands
Female
Male
mx
0.100
0.010
0.001
0
20
40
60
80
age
variant
mx_pred_mean
mx_pred_median
mx_pred_qm
mx_WM

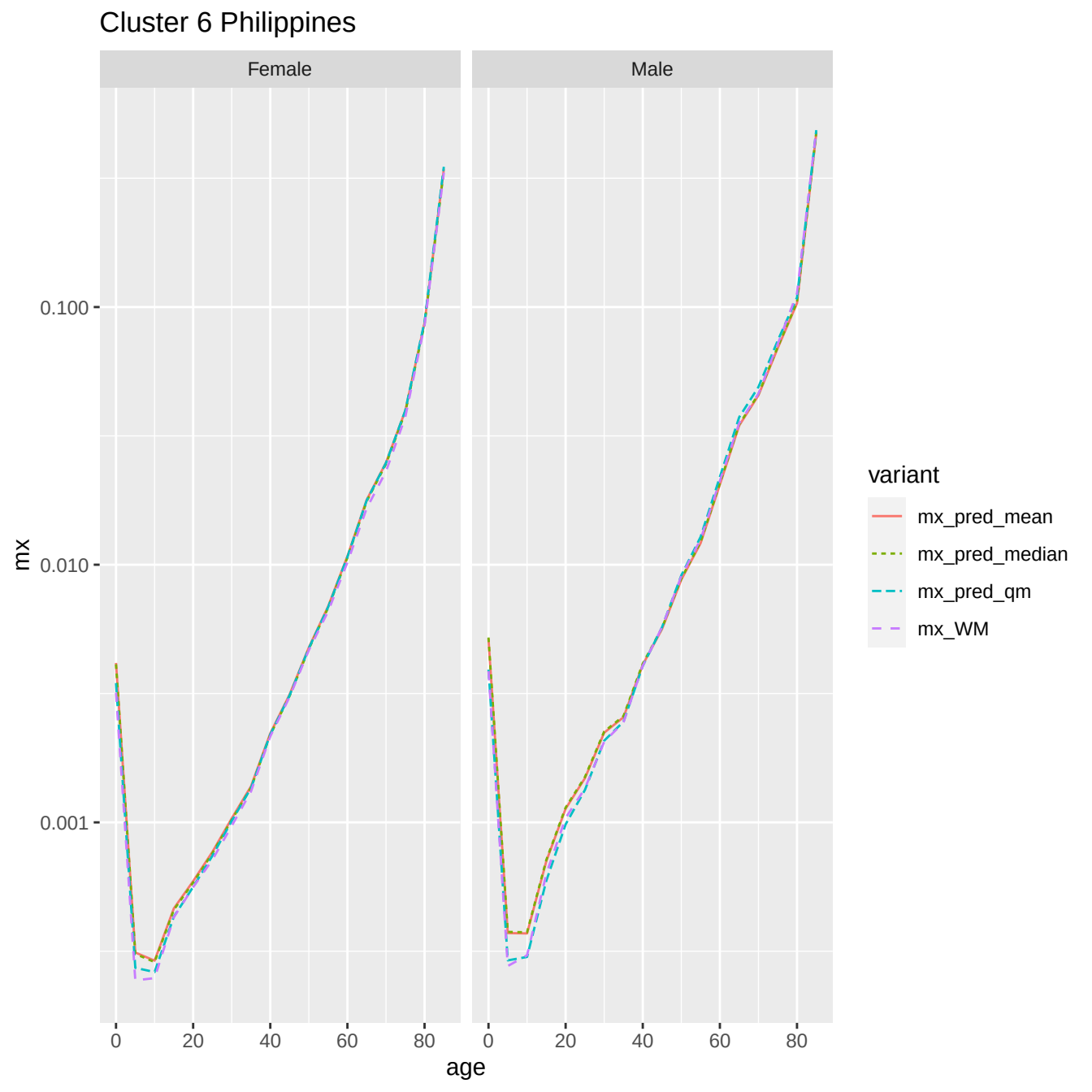

Cluster 6 Myanmar
Female
Male
0.100
0.010
0.001
mx
0
20
40
60
80
age
variant
mx_pred_mean
mx_pred_median
mx_pred_qm
mx_WM

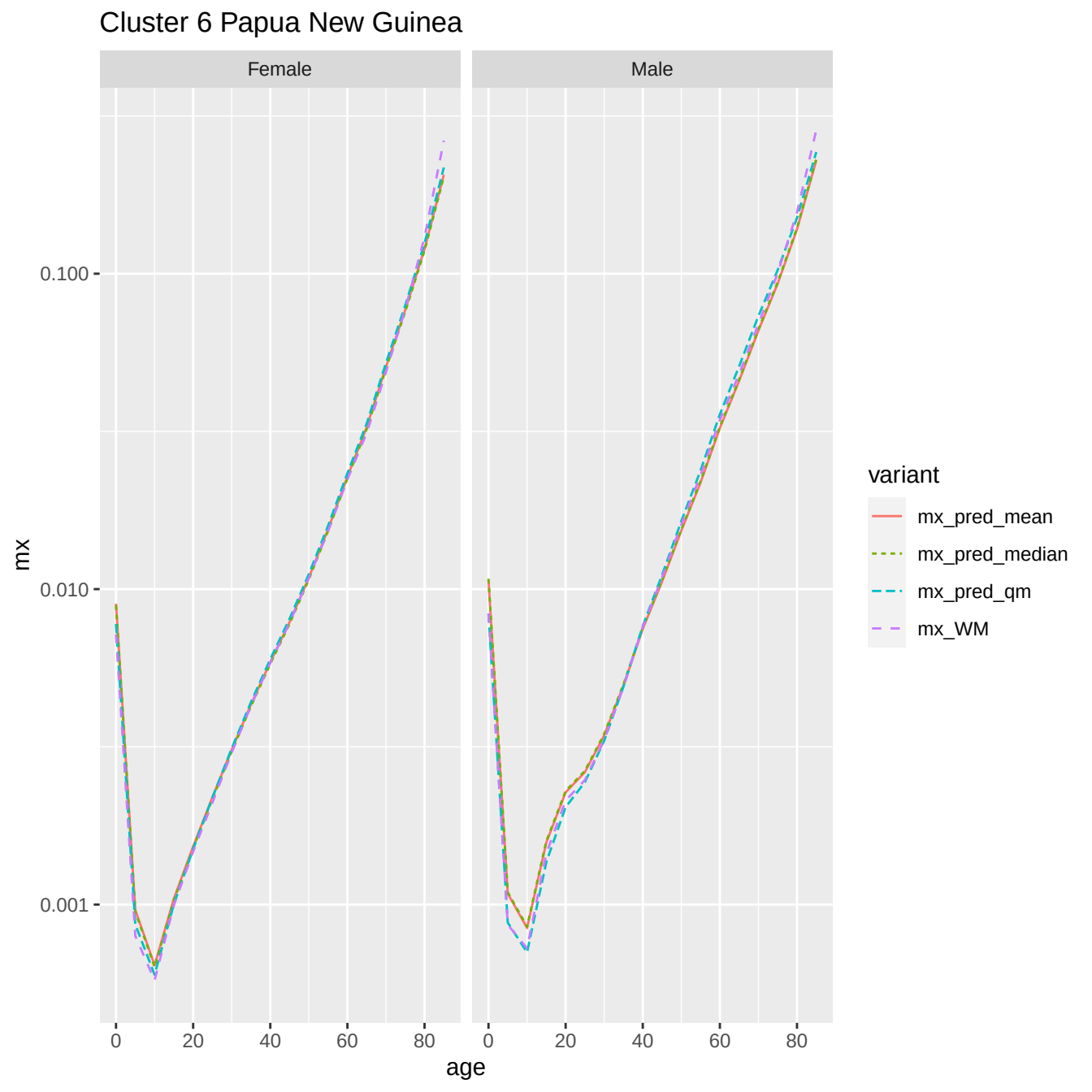

Cluster 6 Mongolia
Female
Male
0.100
0.010
0.001
mx
0
20
40
60
80
age
variant
mx_pred_mean
mx_pred_median
mx_pred_qm
mx_WM

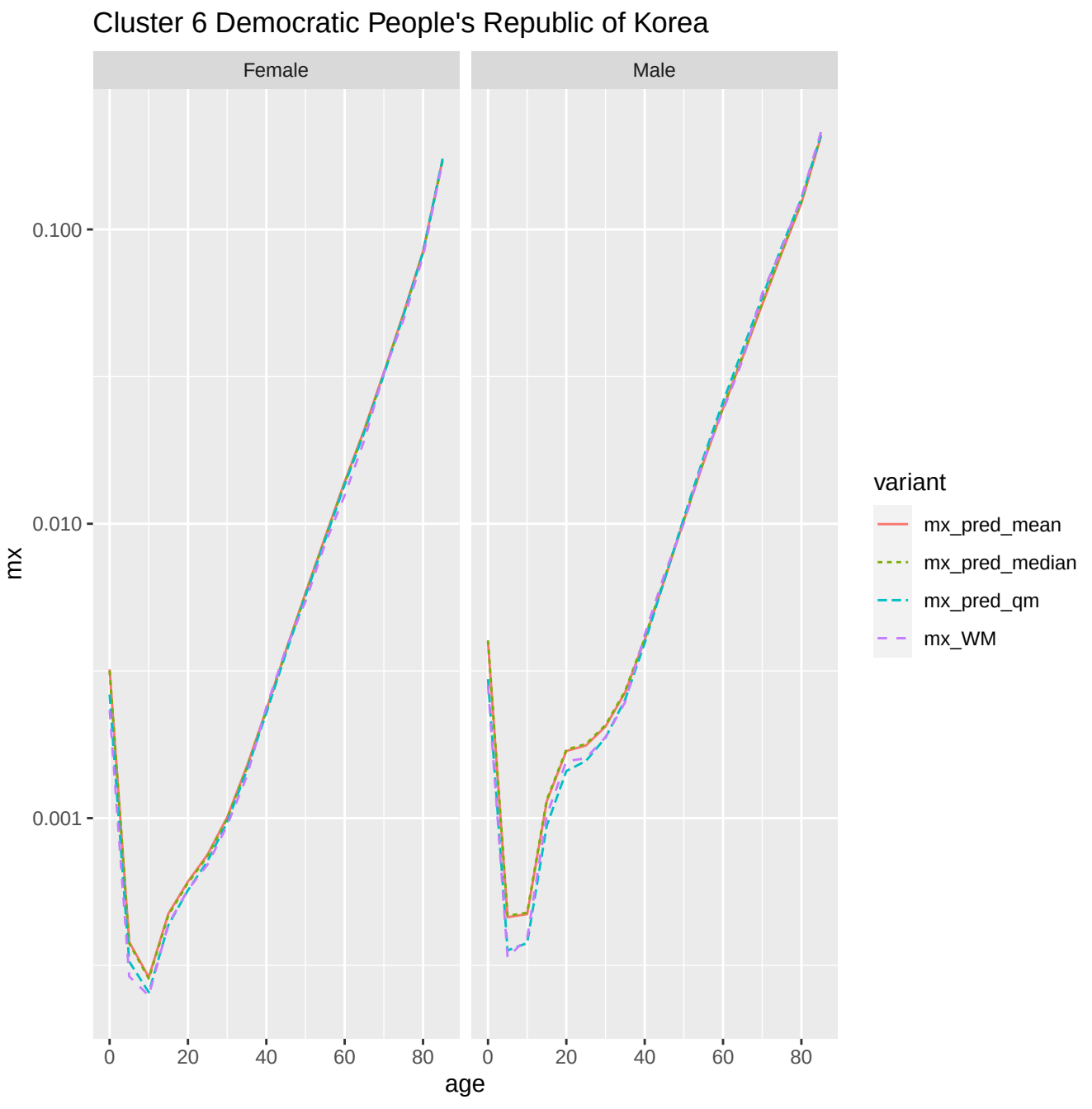

Cluster 6 Niue
Female
Male
mx
1e−01
1e−03
1e−05
0
20
40
60
80
age
variant
mx_pred_mean
mx_pred_median
mx_pred_qm
mx_WM

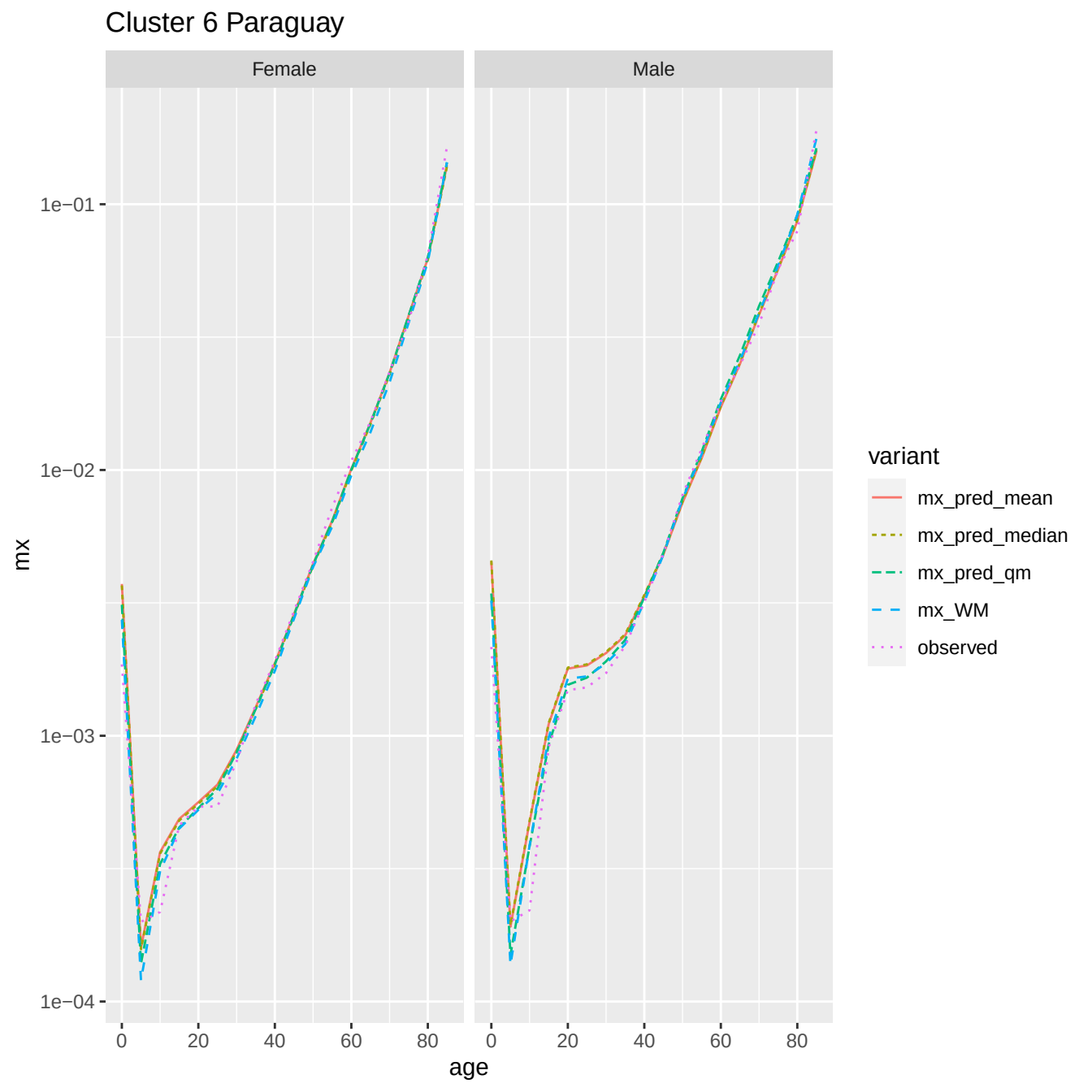

Cluster 6 Nauru
Female
Male
1e−01
1e−03
1e−05
mx
0
20
40
60
80
age
variant
mx_pred_mean
mx_pred_median
mx_pred_qm
mx_WM

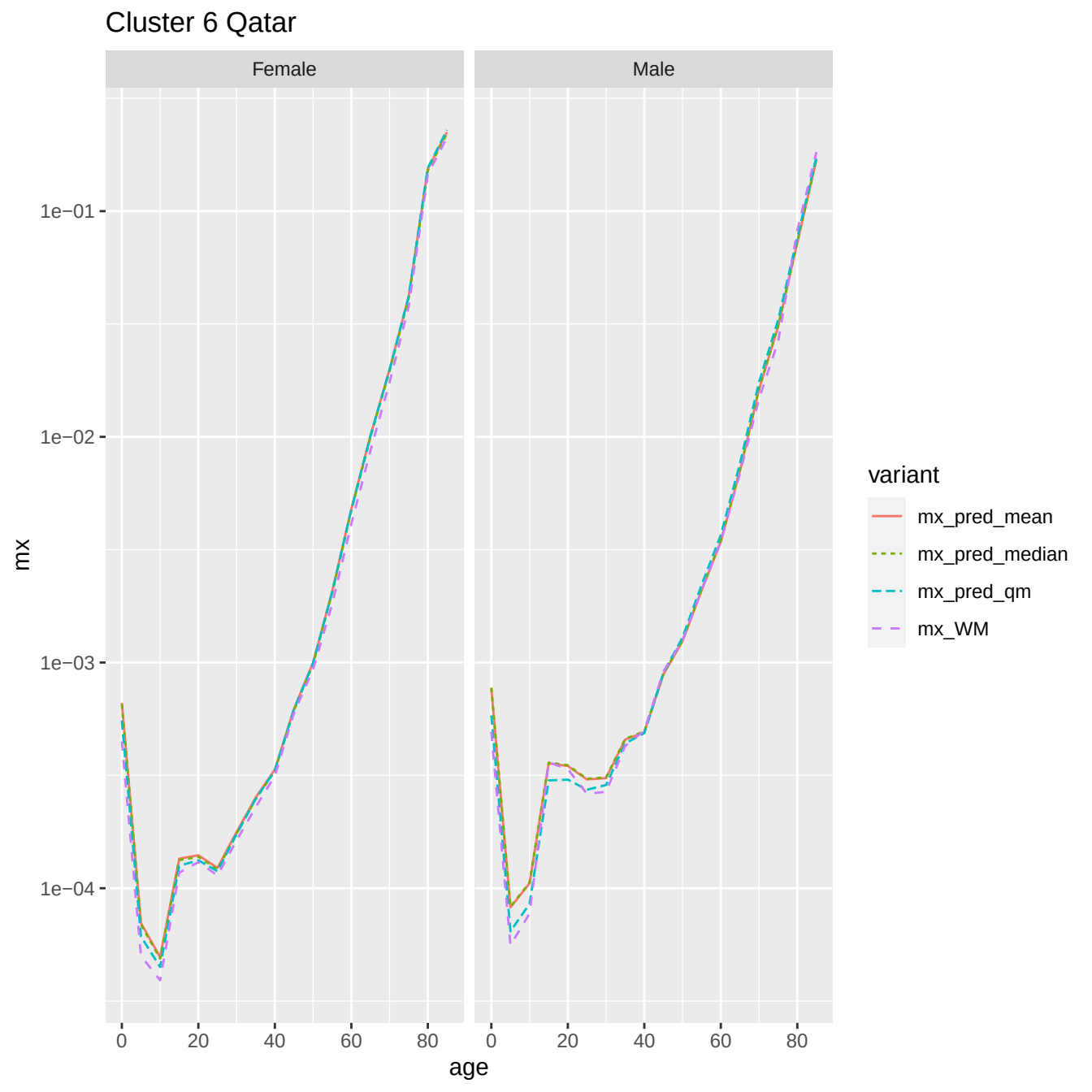

Cluster 6 Oman
Female
Male
1e−01
1e−02
1e−03
1e−04
mx
0
20
40
60
80
age
variant
mx_pred_mean
mx_pred_median
mx_pred_qm
mx_WM

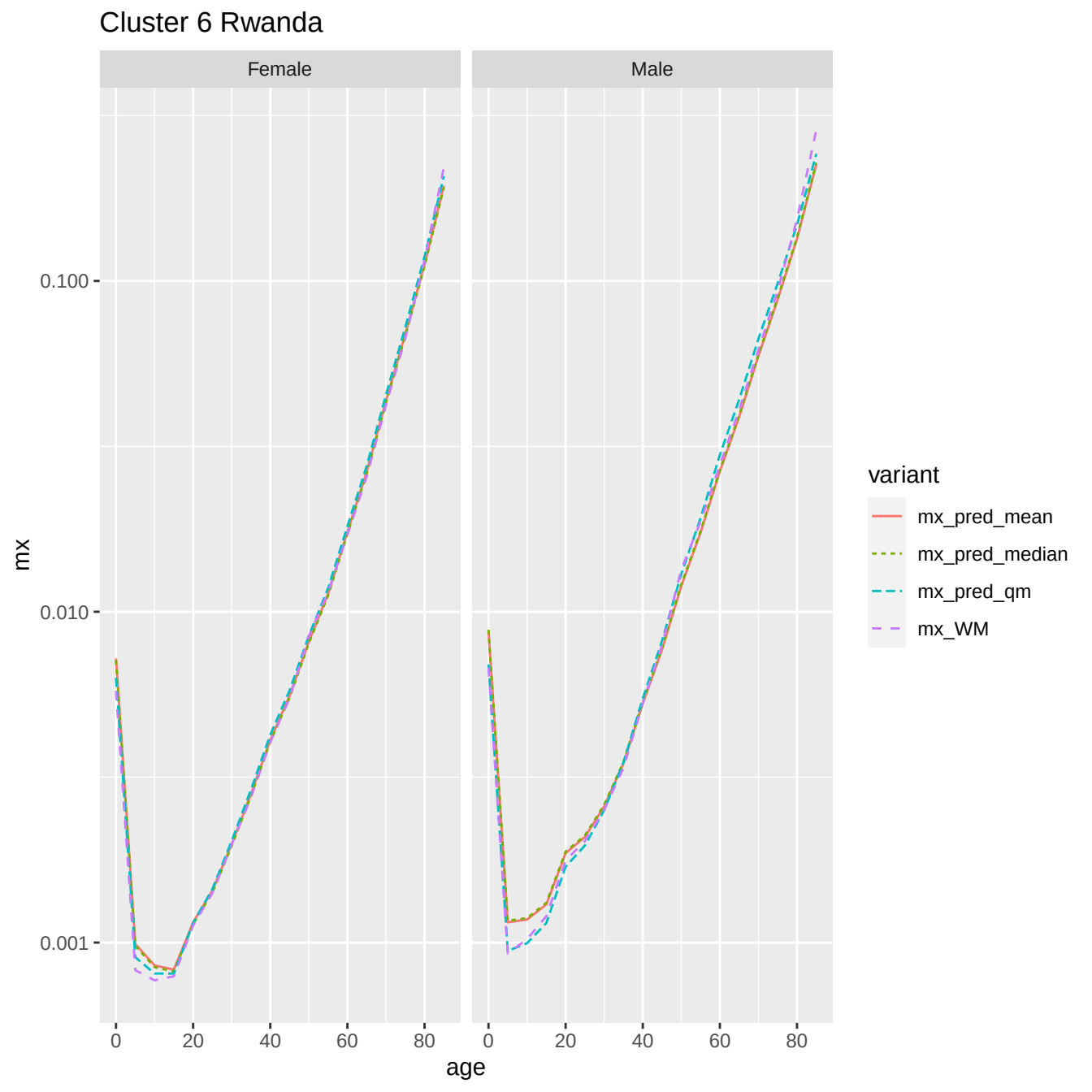

Cluster 6 Philippines
Female
Male
mx
0.100
0.010
0.001
0
20
40
60
80
age
variant
mx_pred_mean
mx_pred_median
mx_pred_qm
mx_WM

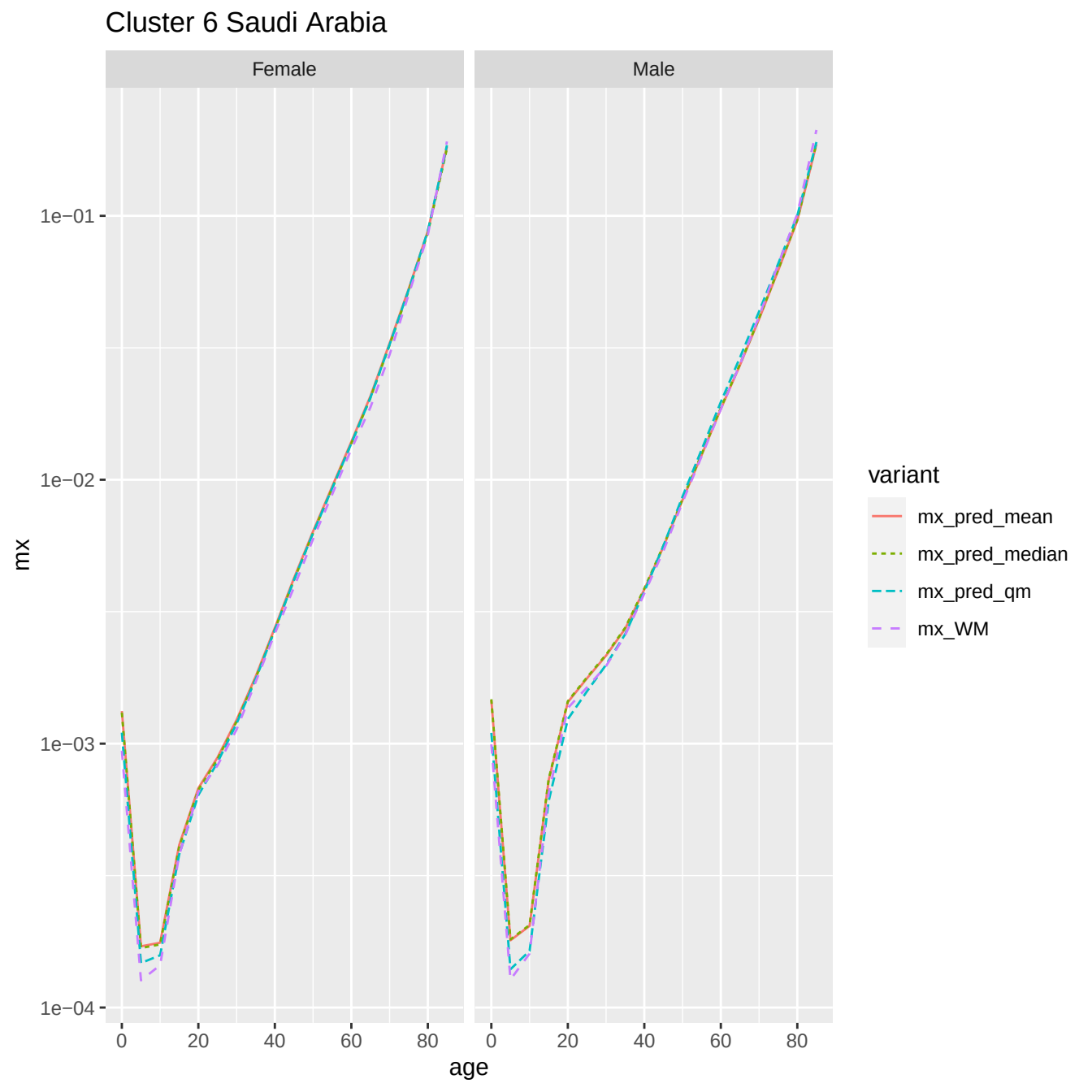

Cluster 6 Papua New Guinea
Female
Male
0.100
0.010
0.001
mx
0
20
40
60
80
age
variant
mx_pred_mean
mx_pred_median
mx_pred_qm
mx_WM

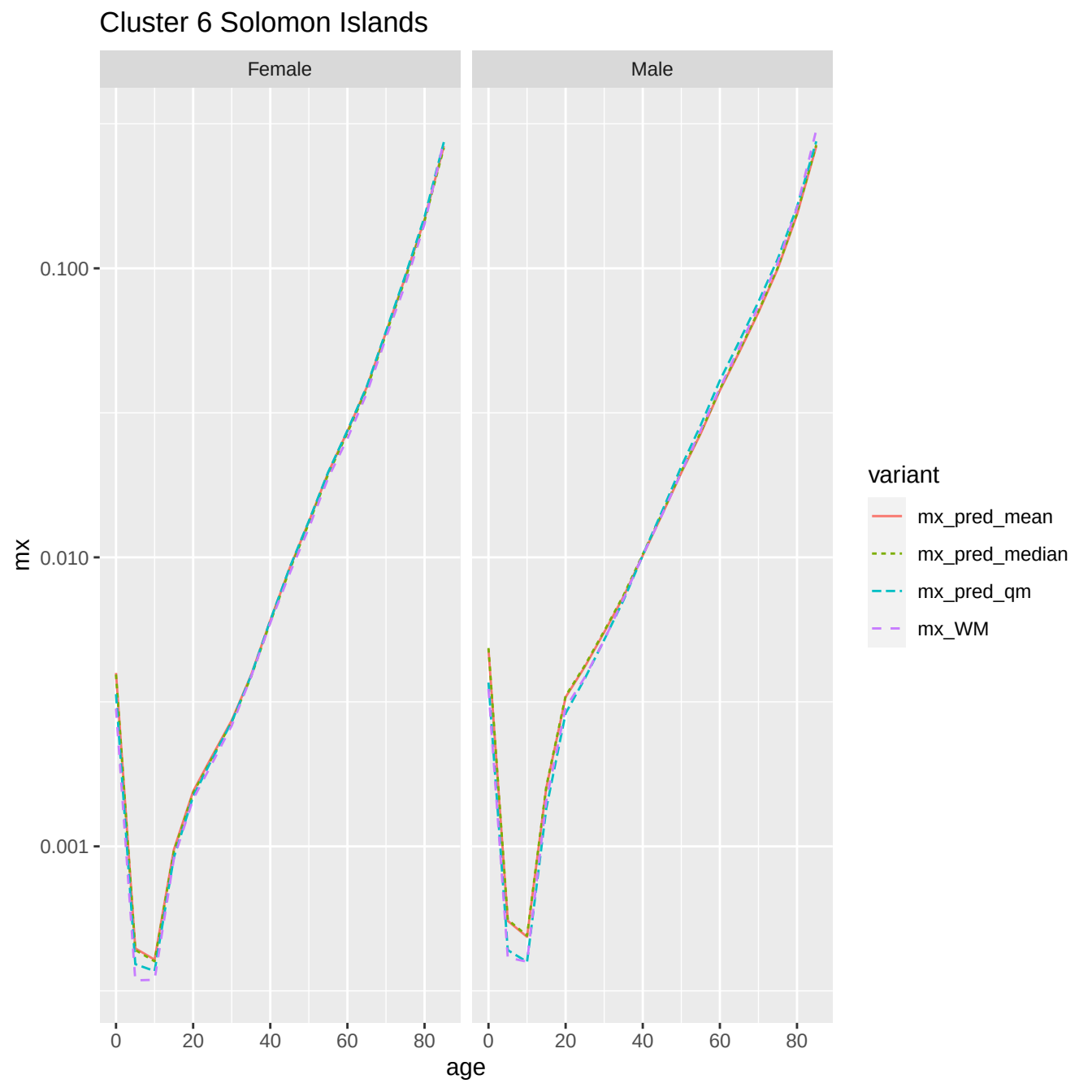

Cluster 6 Democratic People's Republic of Korea
Female
Male
0.100
0.010
0.001
mx
0
20
40
60
80
age
variant
mx_pred_mean
mx_pred_median
mx_pred_qm
mx_WM

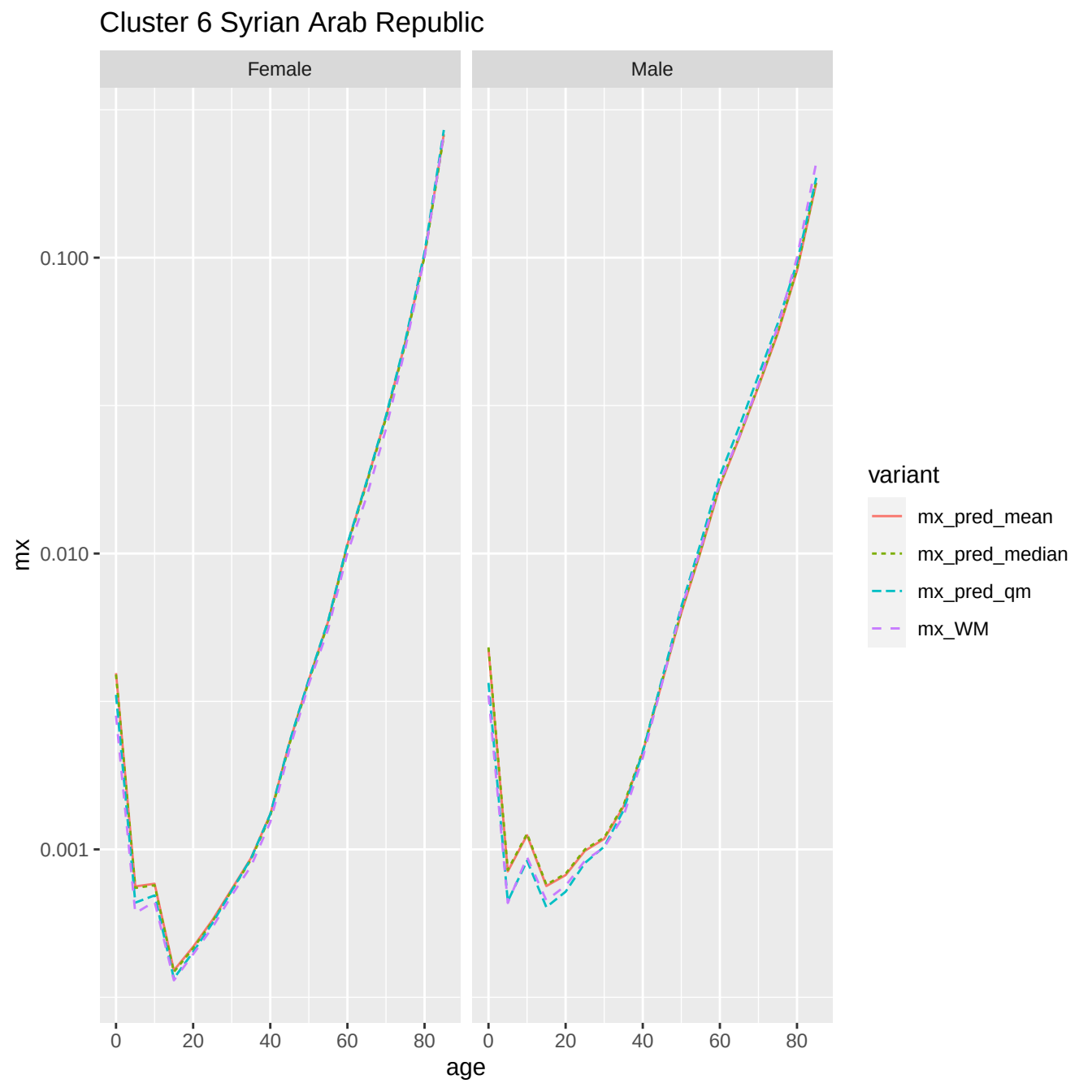

Cluster 6 Paraguay
Female
Male
1e−01
1e−02
1e−03
1e−04
mx
0
20
40
60
80
age
variant
mx_pred_mean
mx_pred_median
mx_pred_qm
mx_WM
observed

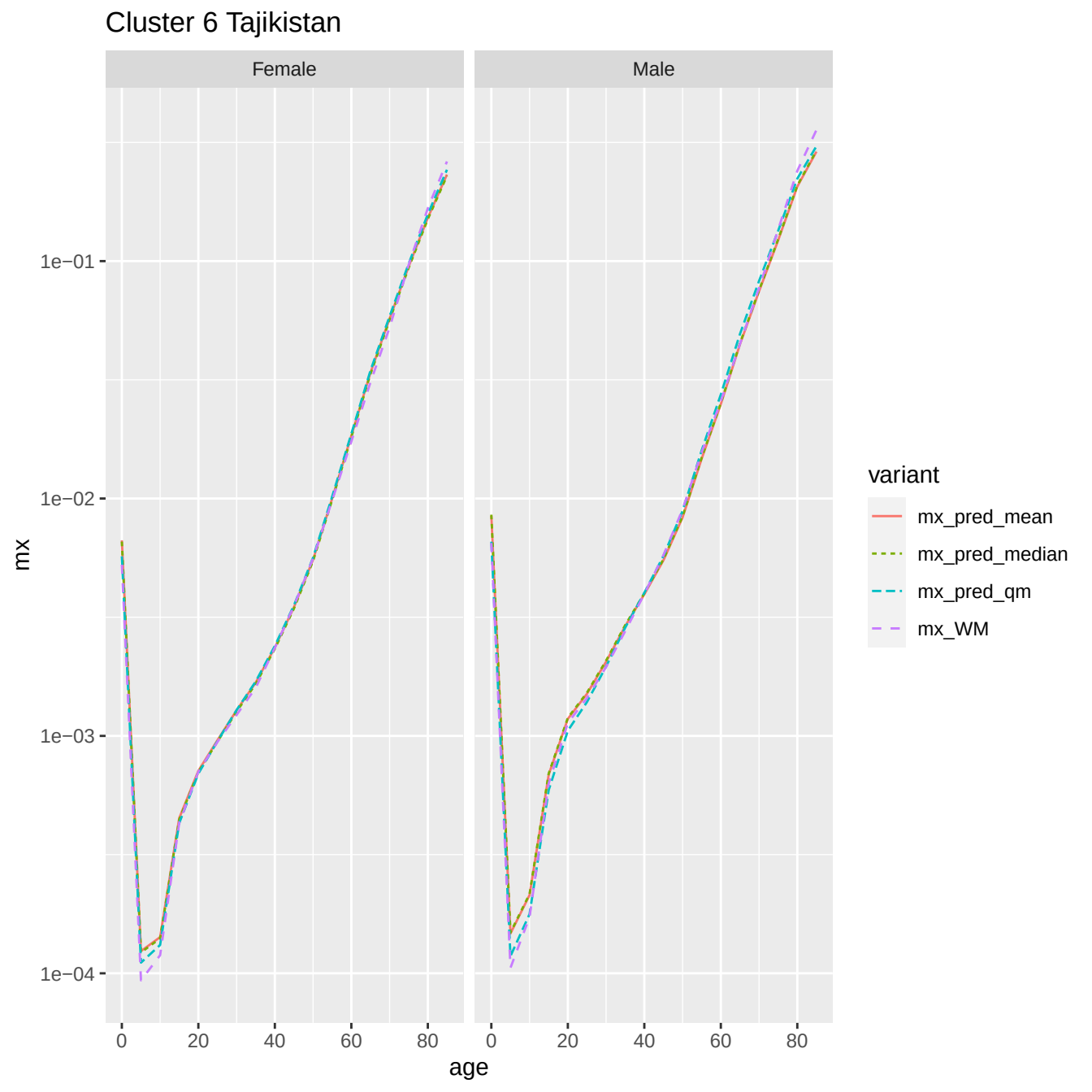

Cluster 6 Qatar
Female
Male
1e−01
1e−02
1e−03
1e−04
mx
0
20
40
60
80
age
variant
mx_pred_mean
mx_pred_median
mx_pred_qm
mx_WM

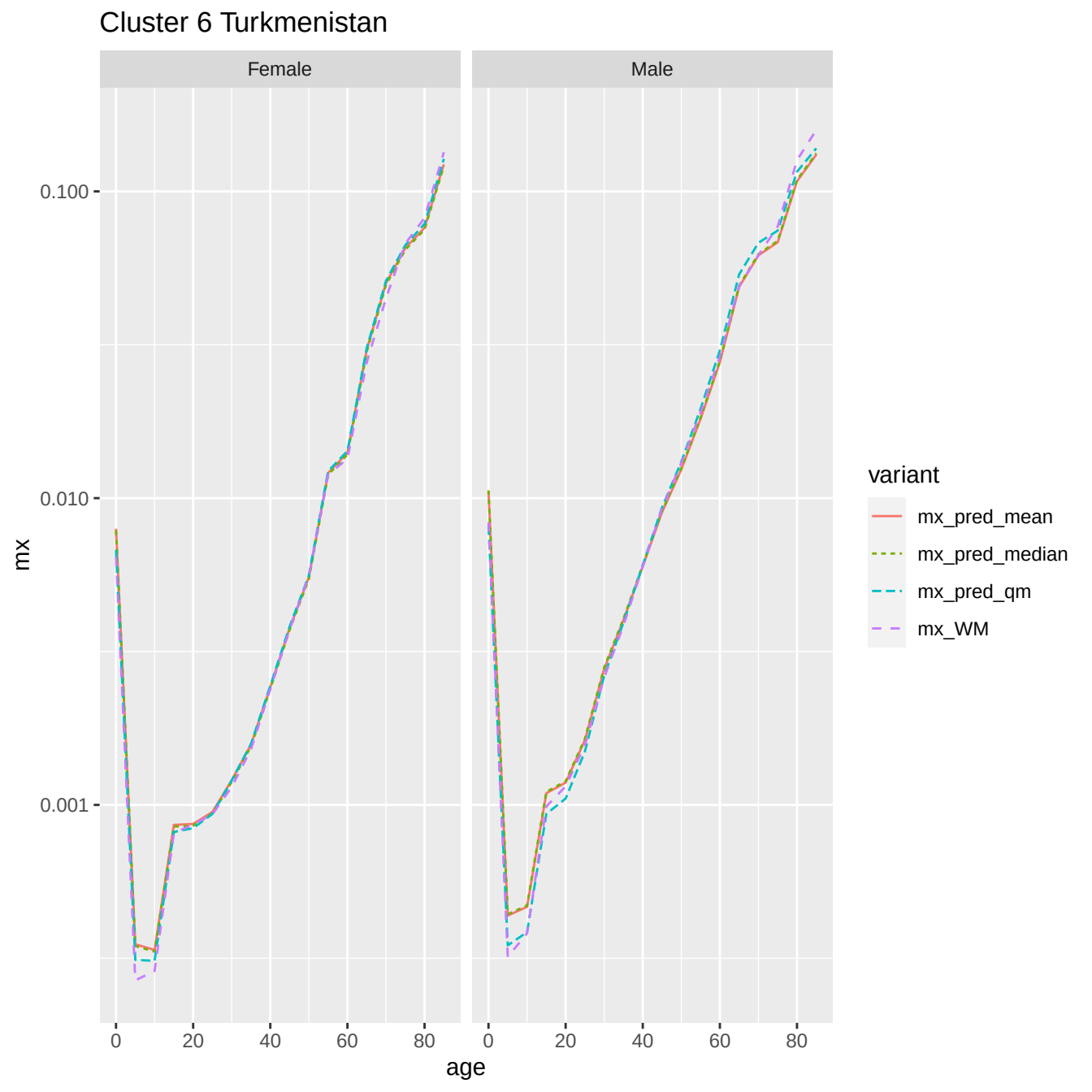

Cluster 6 Rwanda
Female
Male
mx
0.100
0.010
0.001
0
20
40
60
80
age
variant
mx_pred_mean
mx_pred_median
mx_pred_qm
mx_WM

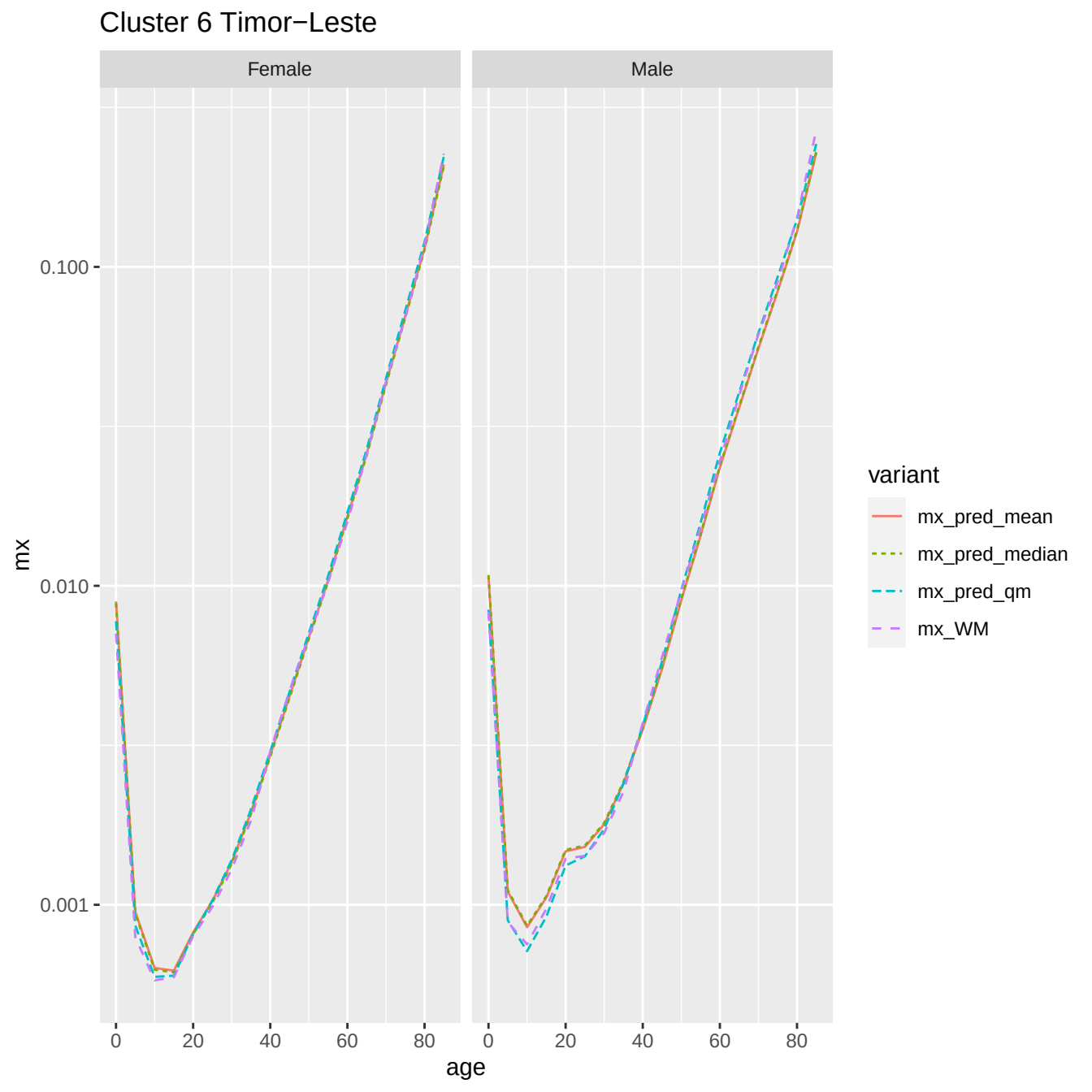

Cluster 6 Saudi Arabia
Female
Male
1e−01
1e−02
1e−03
1e−04
mx
0
20
40
60
80
age
variant
mx_pred_mean
mx_pred_median
mx_pred_qm
mx_WM

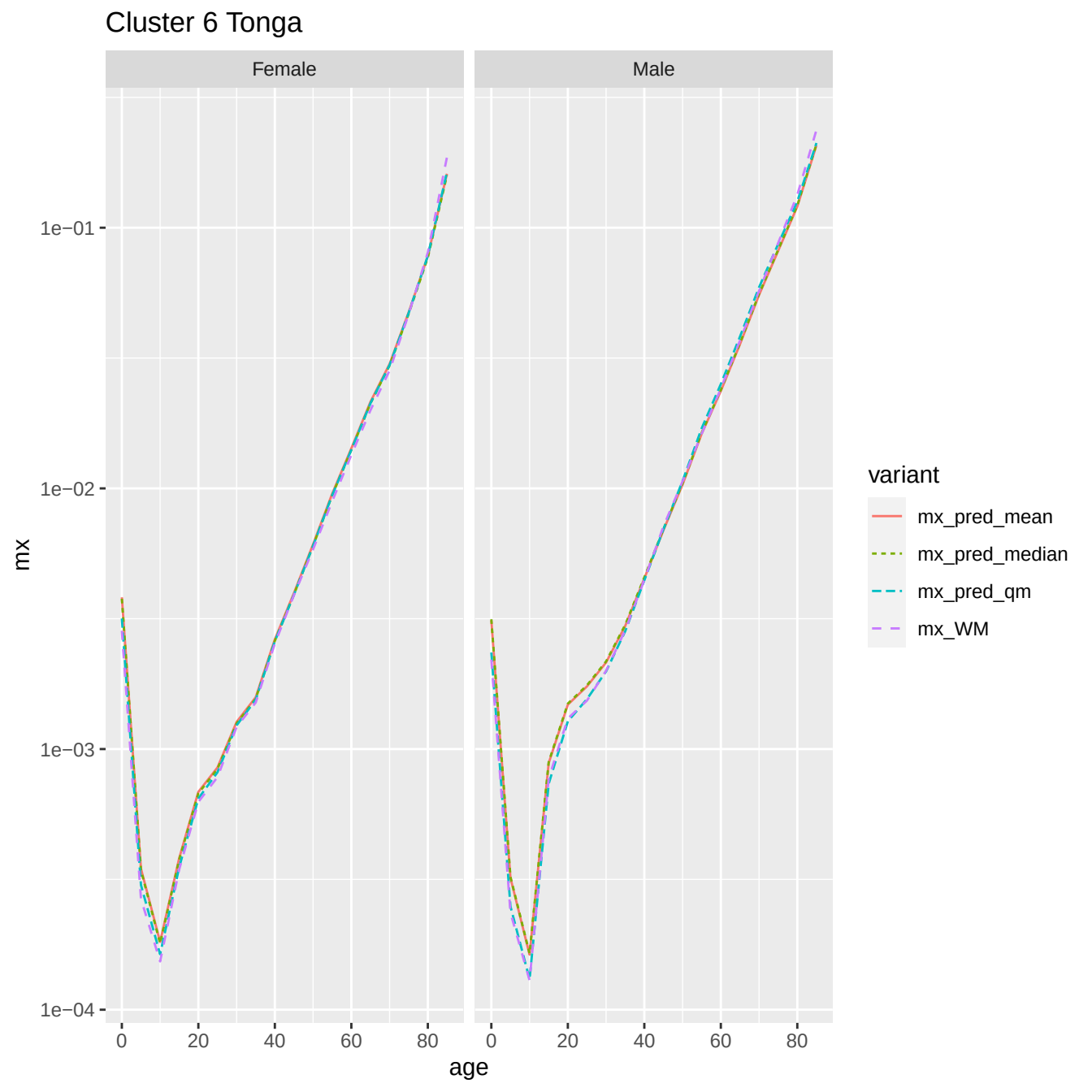

Cluster 6 Solomon Islands
Female
Male
mx
0.100
0.010
0.001
0
20
40
60
80
age
variant
mx_pred_mean
mx_pred_median
mx_pred_qm
mx_WM

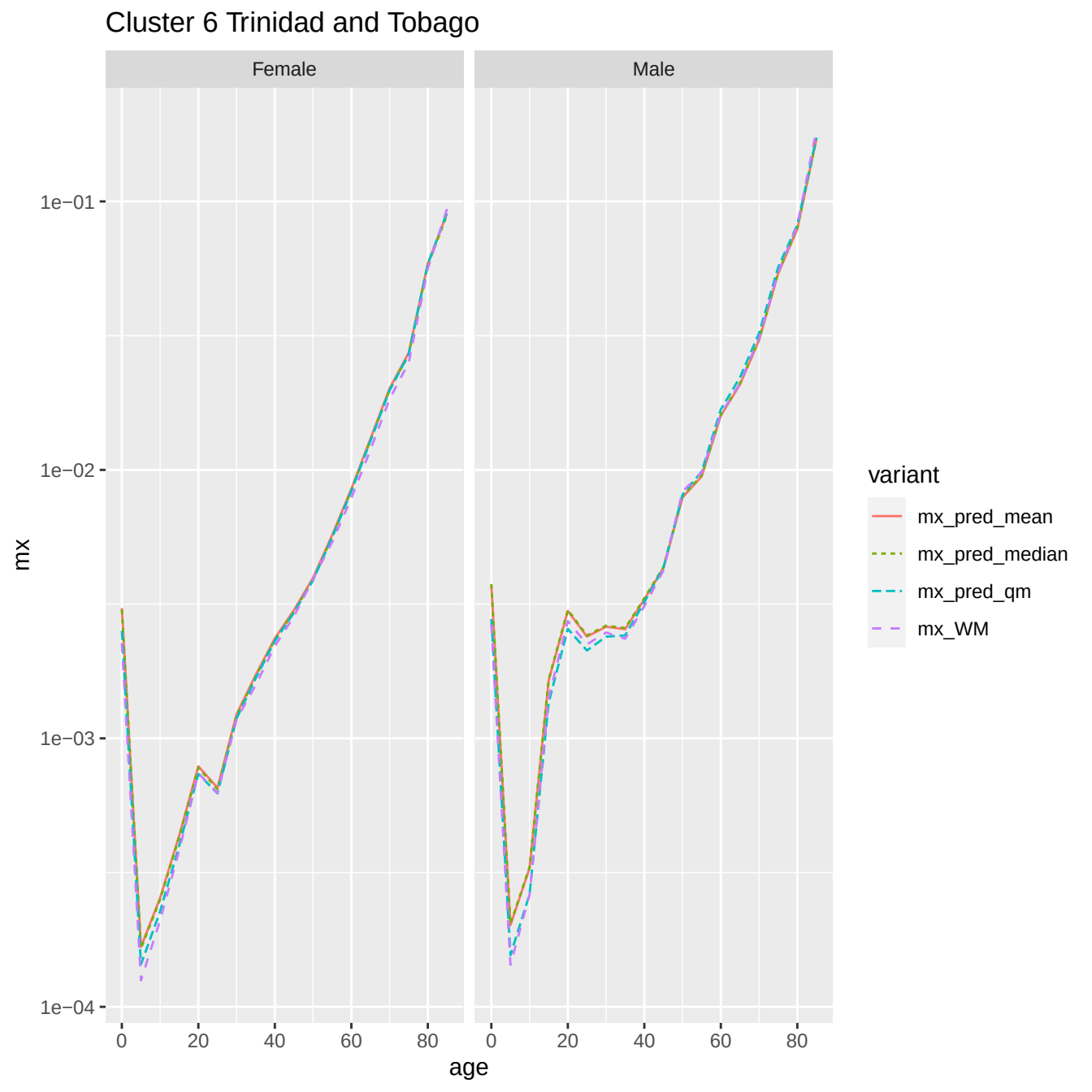

Cluster 6 Syrian Arab Republic
Female
Male
mx
0.100
0.010
0.001
0
20
40
60
80
age
variant
mx_pred_mean
mx_pred_median
mx_pred_qm
mx_WM

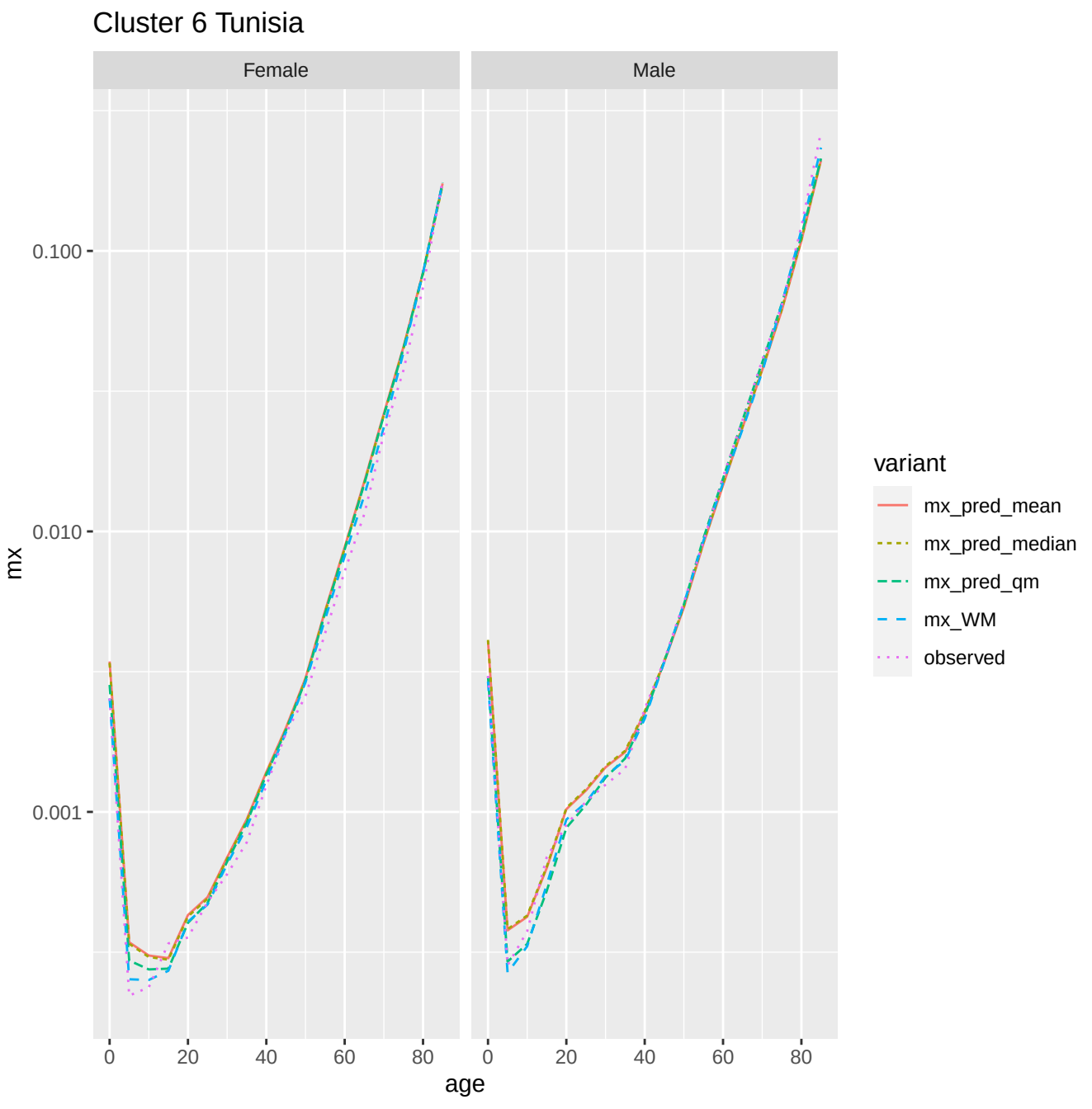

Cluster 6 Tajikistan
Female
Male
mx
1e−01
1e−02
1e−03
1e−04
0
20
40
60
80
age
variant
mx_pred_mean
mx_pred_median
mx_pred_qm
mx_WM

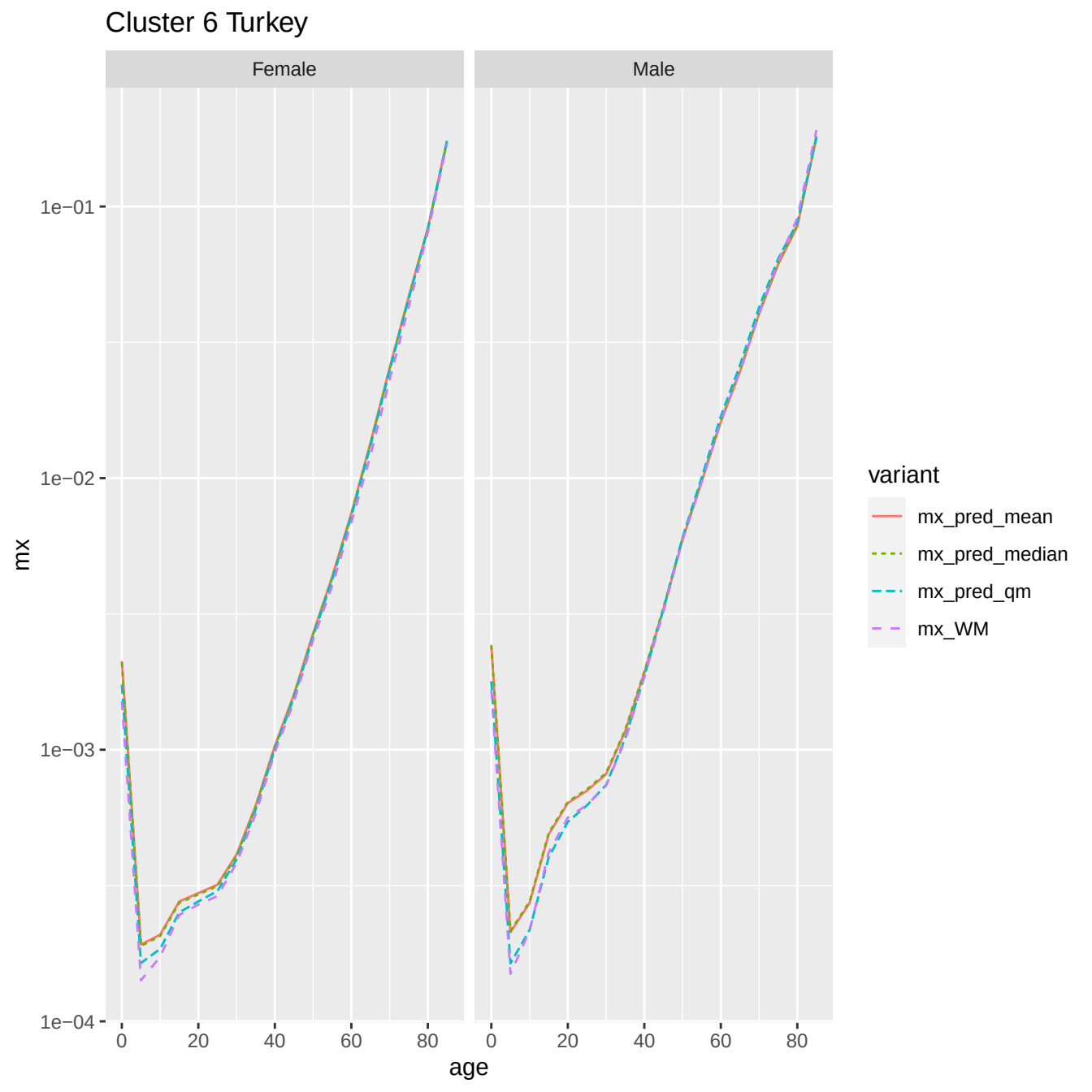

Cluster 6 Turkmenistan
Female
Male
0.100
0.010
0.001
mx
0
20
40
60
80
age
variant
mx_pred_mean
mx_pred_median
mx_pred_qm
mx_WM

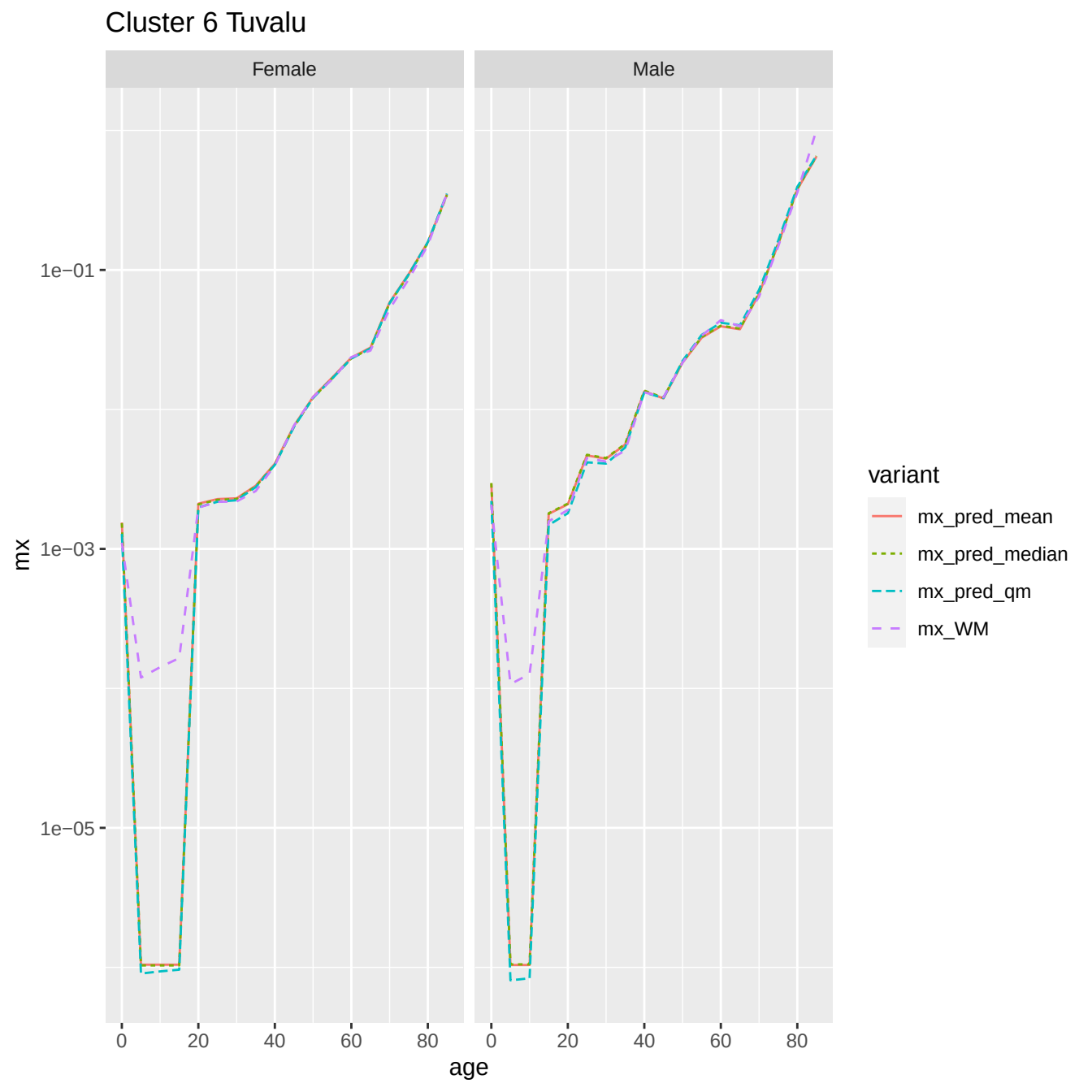

Cluster 6 Timor−Leste
Female
Male
mx
0.100
0.010
0.001
0
20
40
60
80
age
variant
mx_pred_mean
mx_pred_median
mx_pred_qm
mx_WM

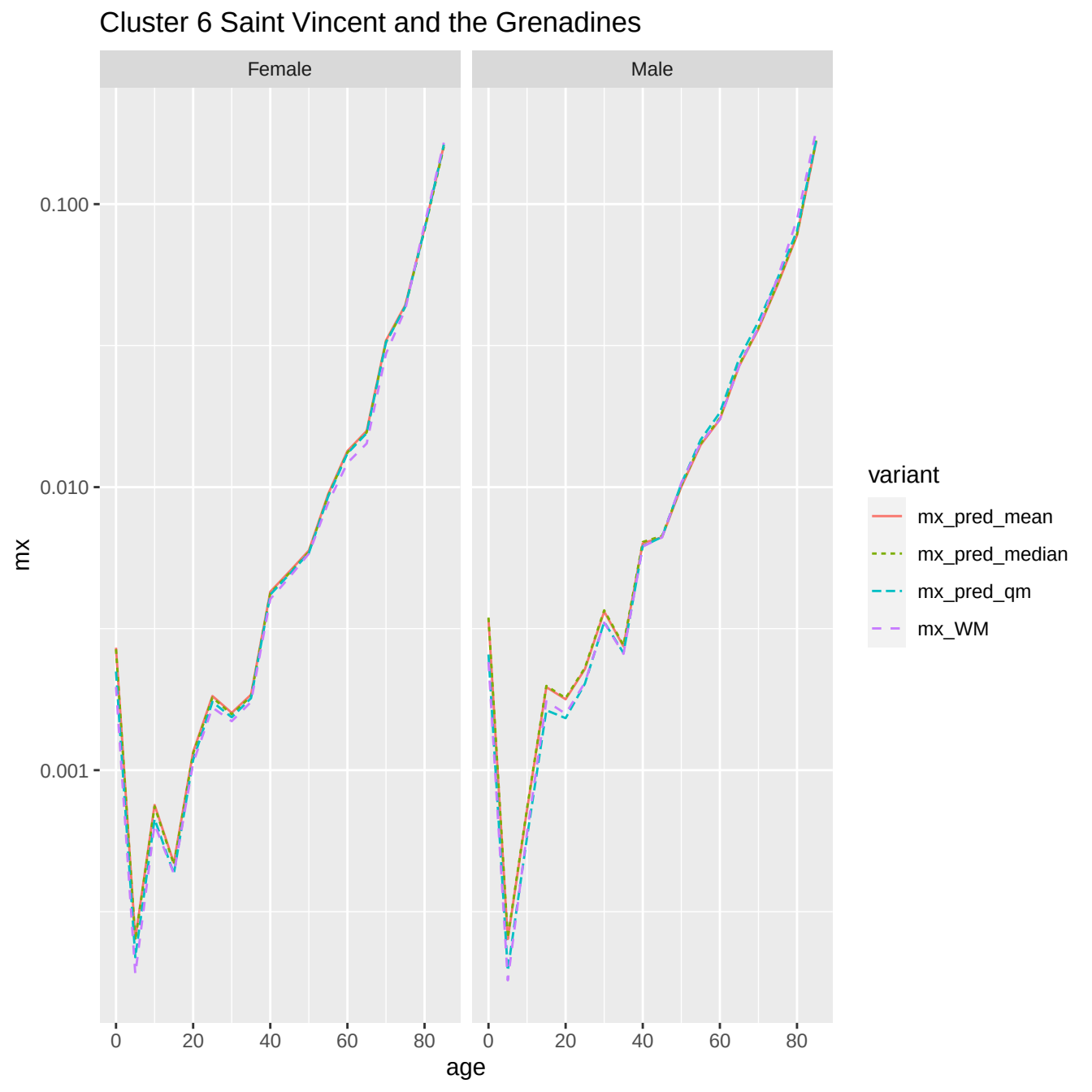

Cluster 6 Tonga
Female
Male
mx
1e−01
1e−02
1e−03
1e−04
0
20
40
60
80
age
variant
mx_pred_mean
mx_pred_median
mx_pred_qm
mx_WM

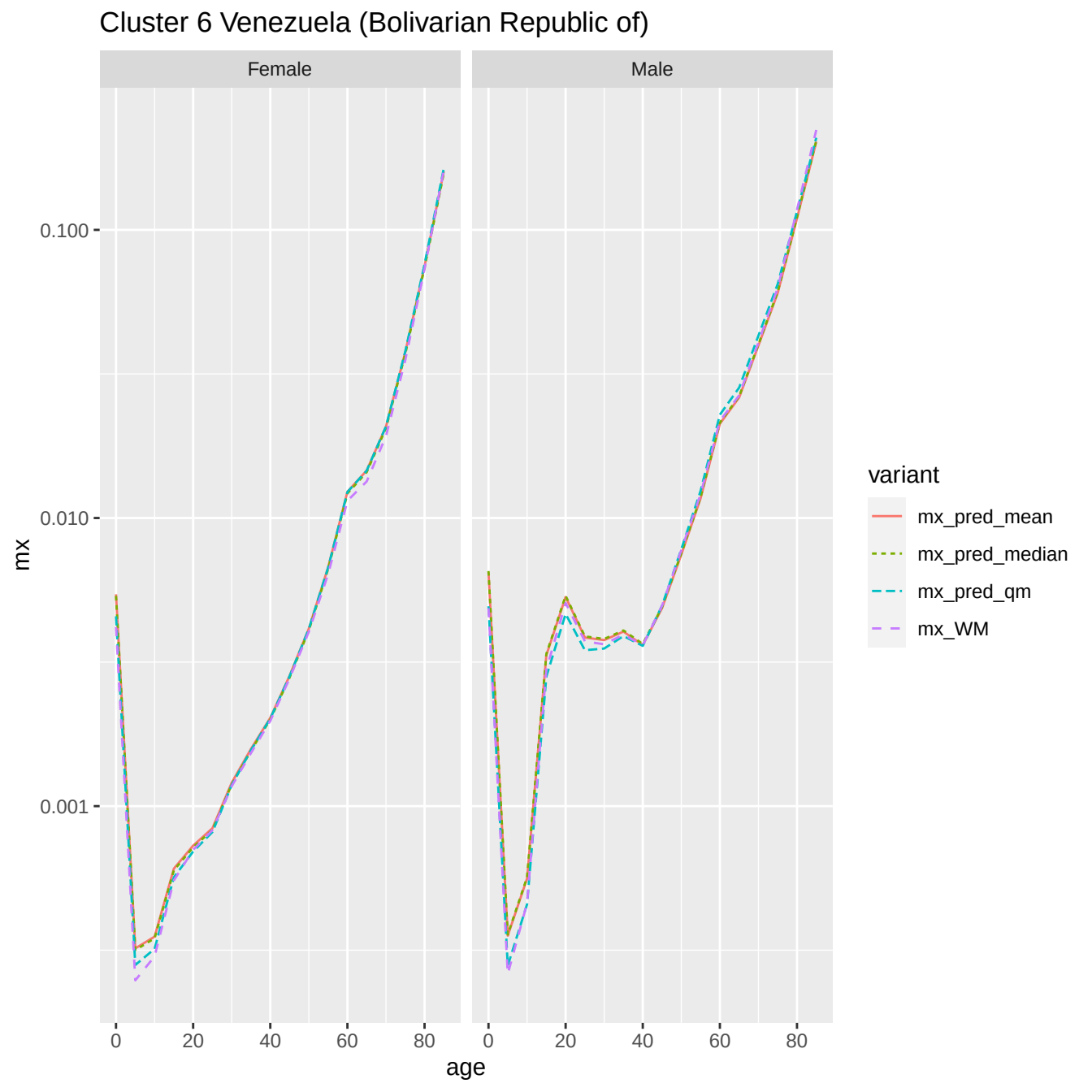

Cluster 6 Trinidad and Tobago
Female
Male
1e−01
1e−02
1e−03
1e−04
mx
0
20
40
60
80
age
variant
mx_pred_mean
mx_pred_median
mx_pred_qm
mx_WM

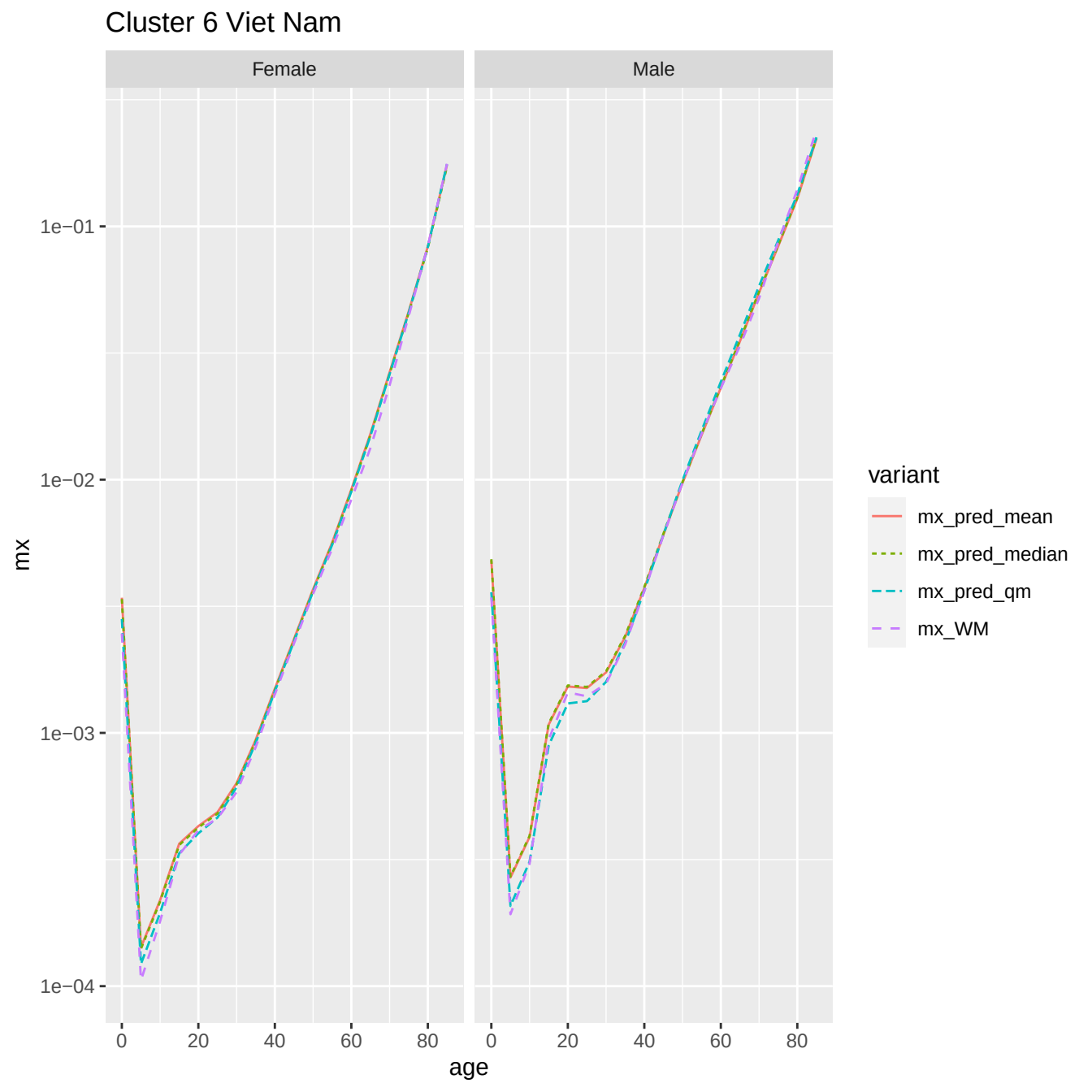

Cluster 6 Tunisia
Female
Male
0.100
0.010
0.001
mx
0
20
40
60
80
age
variant
mx_pred_mean
mx_pred_median
mx_pred_qm
mx_WM
observed

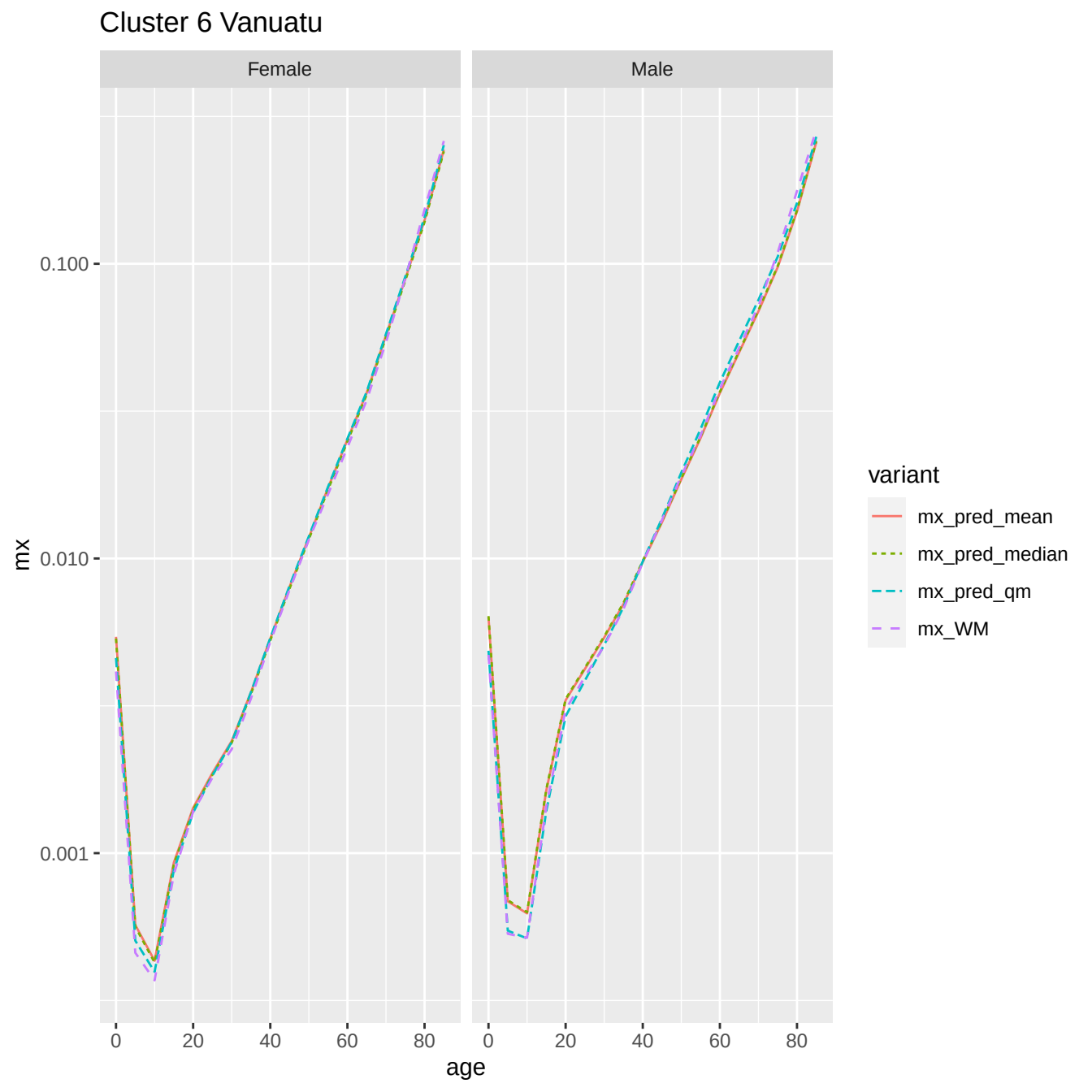

Cluster 6 Turkey
Female
Male
1e−01
1e−02
1e−03
1e−04
mx
0
20
40
60
80
age
variant
mx_pred_mean
mx_pred_median
mx_pred_qm
mx_WM

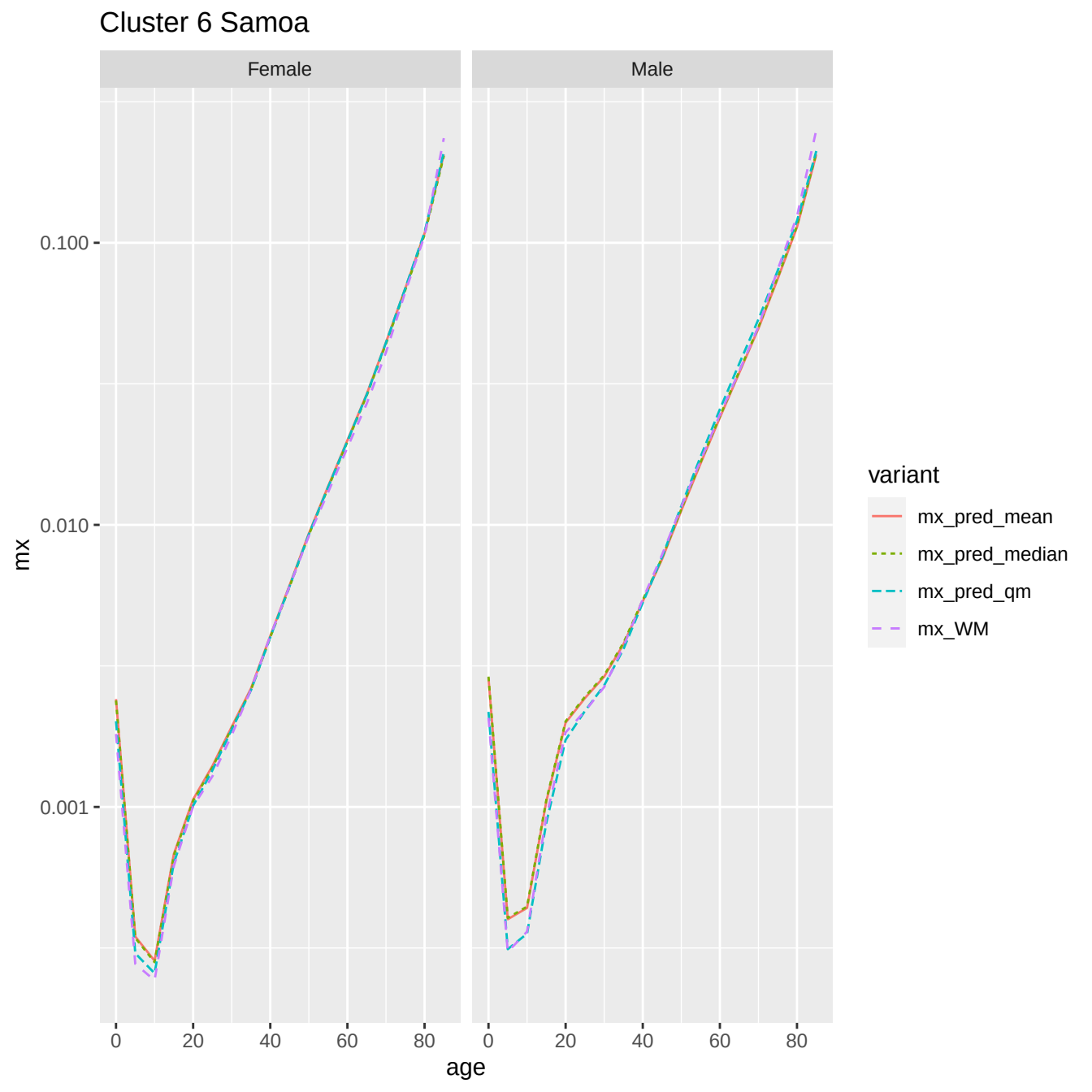

Cluster 6 Tuvalu
Female
Male
mx
1e−01
1e−03
1e−05
0
20
40
60
80
age
variant
mx_pred_mean
mx_pred_median
mx_pred_qm
mx_WM

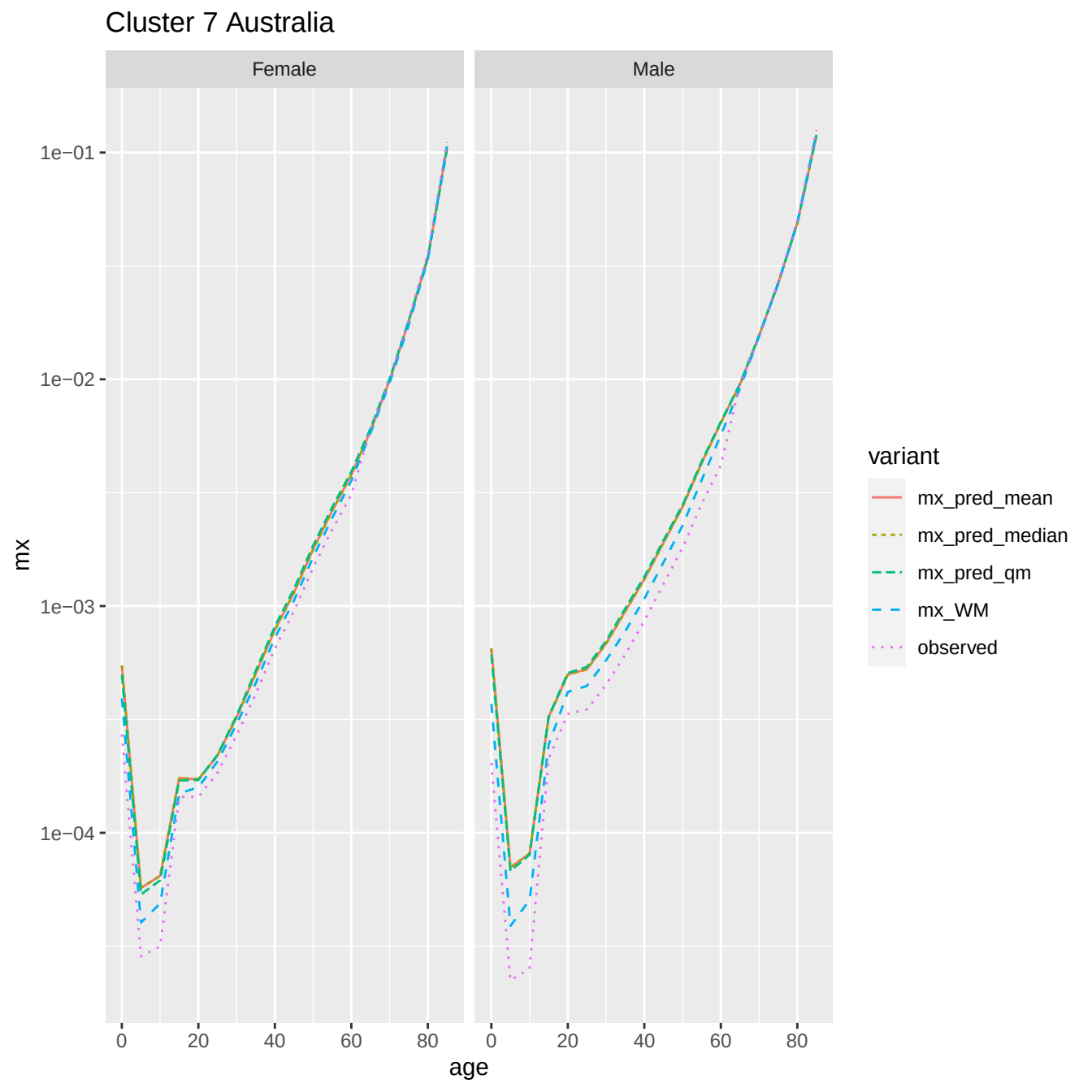

Cluster 6 Saint Vincent and the Grenadines
Female
Male
0.100
0.010
0.001
mx
0
20
40
60
80
age
variant
mx_pred_mean
mx_pred_median
mx_pred_qm
mx_WM

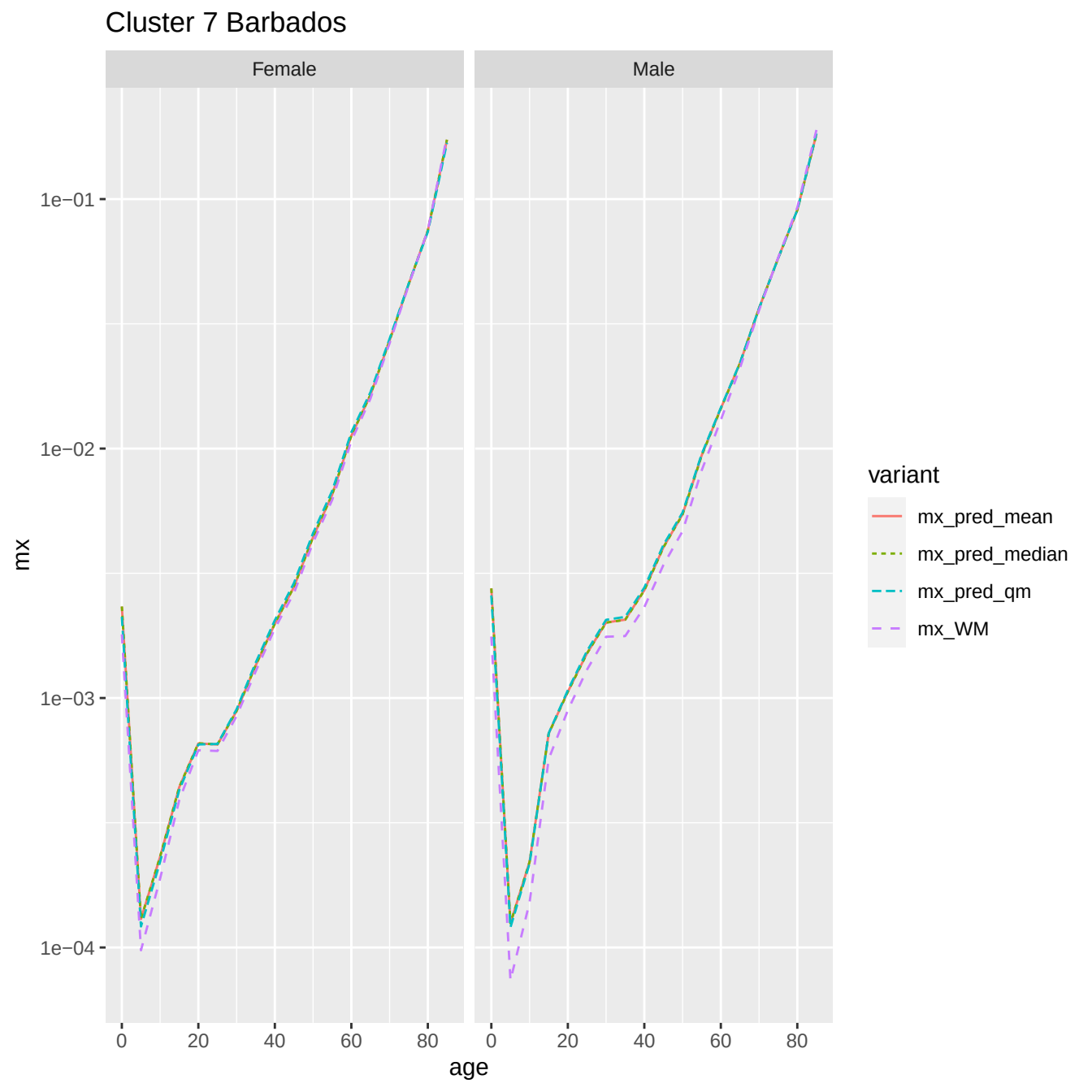

Cluster 6 Venezuela (Bolivarian Republic of)
Female
Male
0.100
0.010
0.001
mx
0
20
40
60
80
age
variant
mx_pred_mean
mx_pred_median
mx_pred_qm
mx_WM

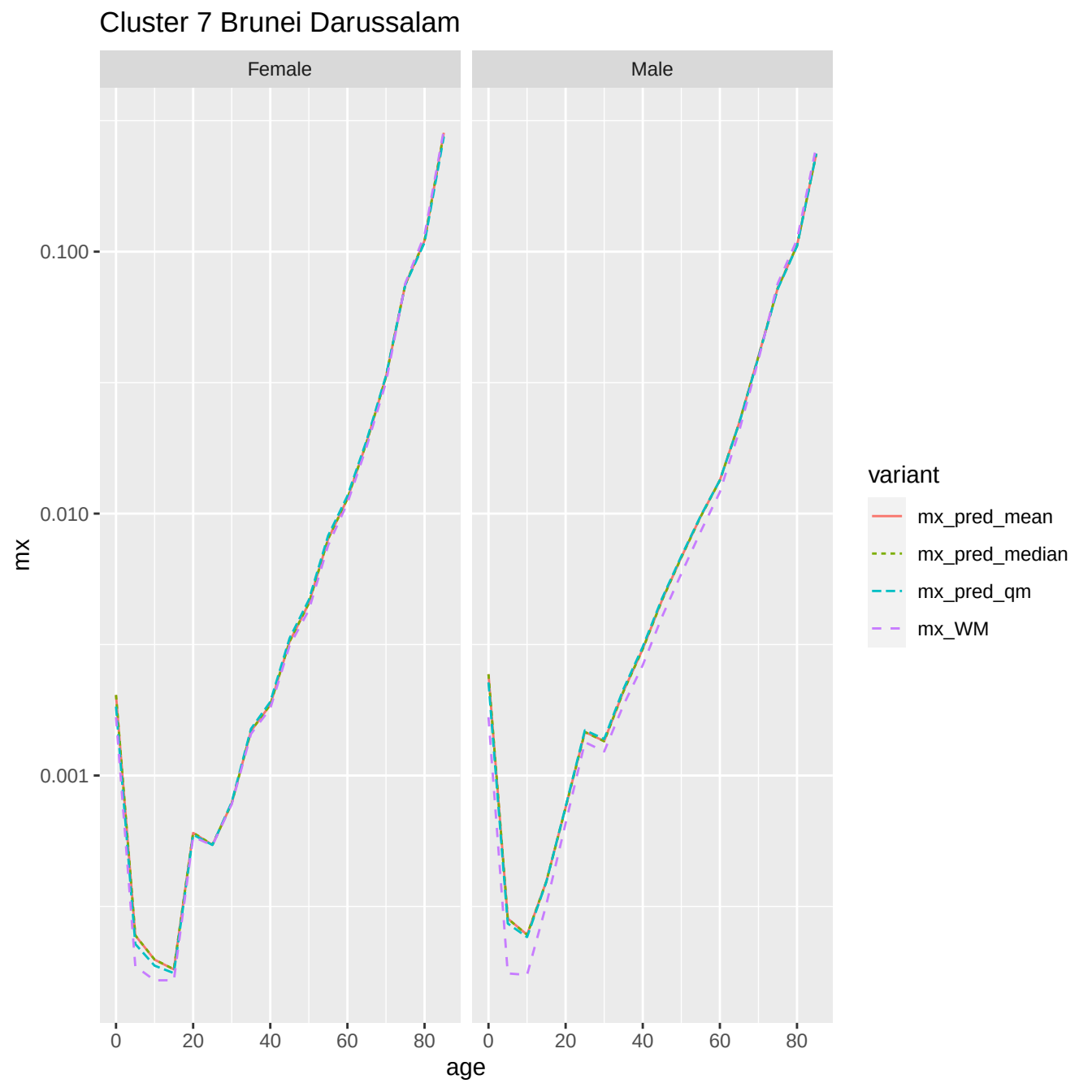

Cluster 6 Viet Nam
Female
Male
1e−01
1e−02
1e−03
1e−04
mx
0
20
40
60
80
age
variant
mx_pred_mean
mx_pred_median
mx_pred_qm
mx_WM

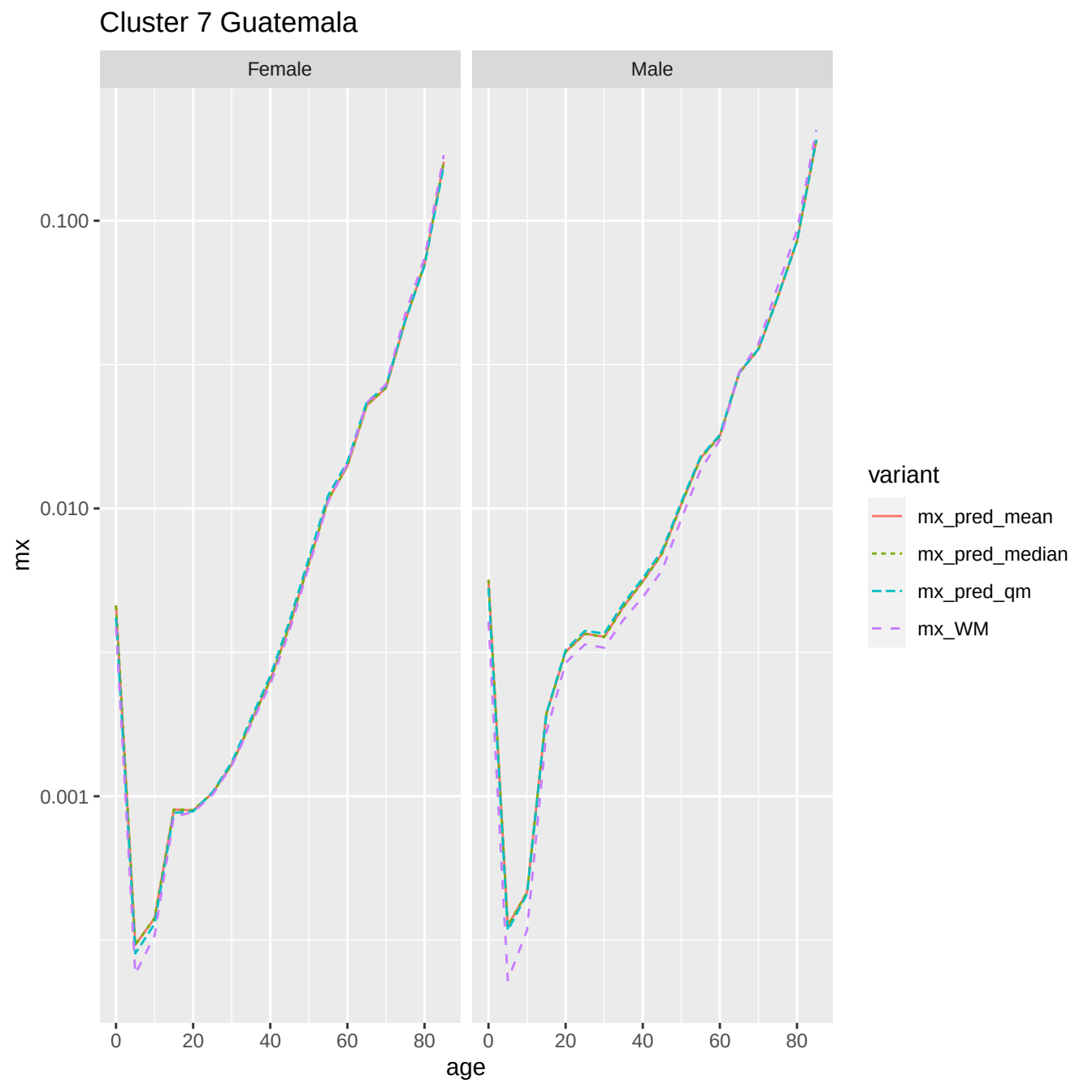

Cluster 6 Vanuatu
Female
Male
mx
0.100
0.010
0.001
0
20
40
60
80
age
variant
mx_pred_mean
mx_pred_median
mx_pred_qm
mx_WM

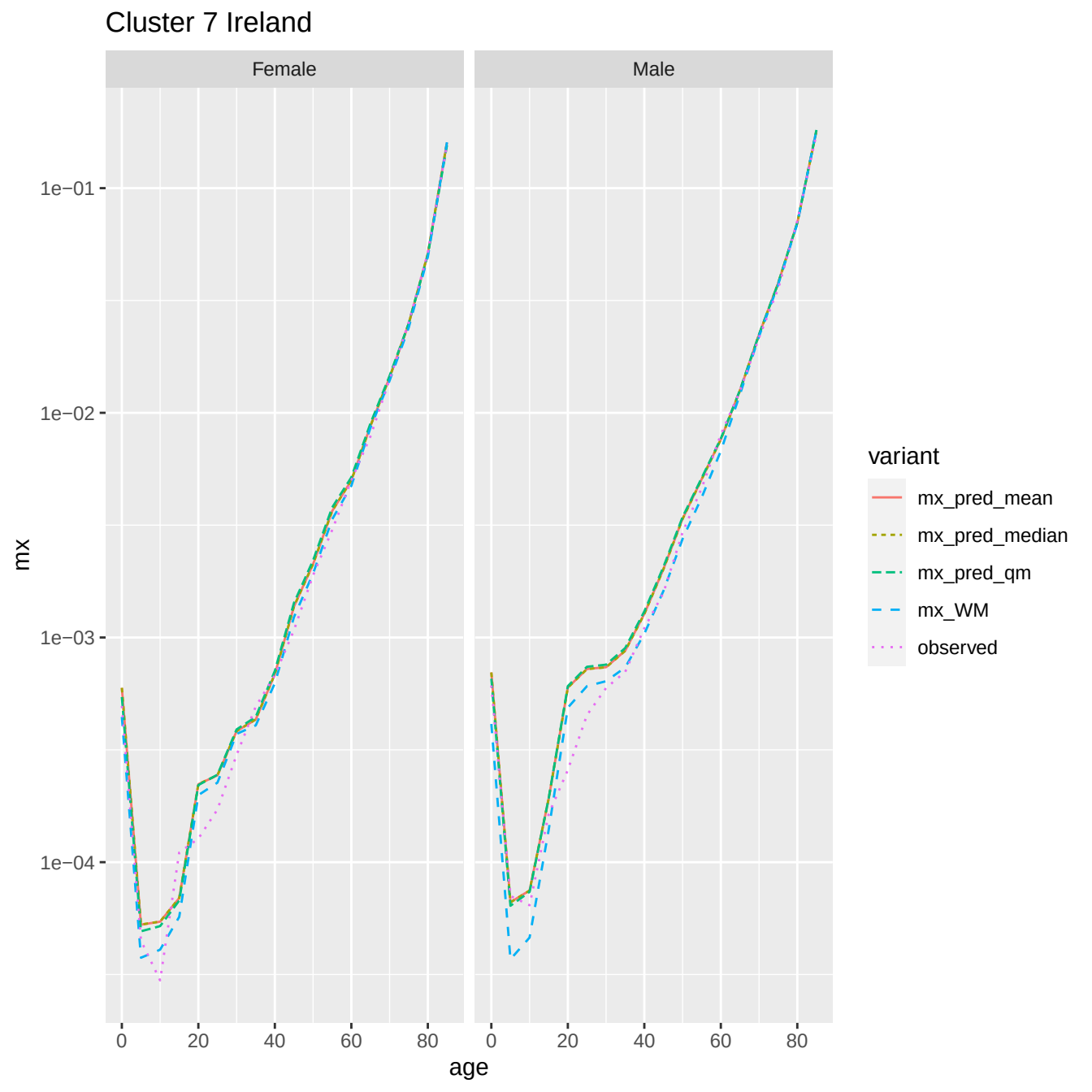

Cluster 6 Samoa
Female
Male
0.100
0.010
0.001
mx
0
20
40
60
80
age
variant
mx_pred_mean
mx_pred_median
mx_pred_qm
mx_WM

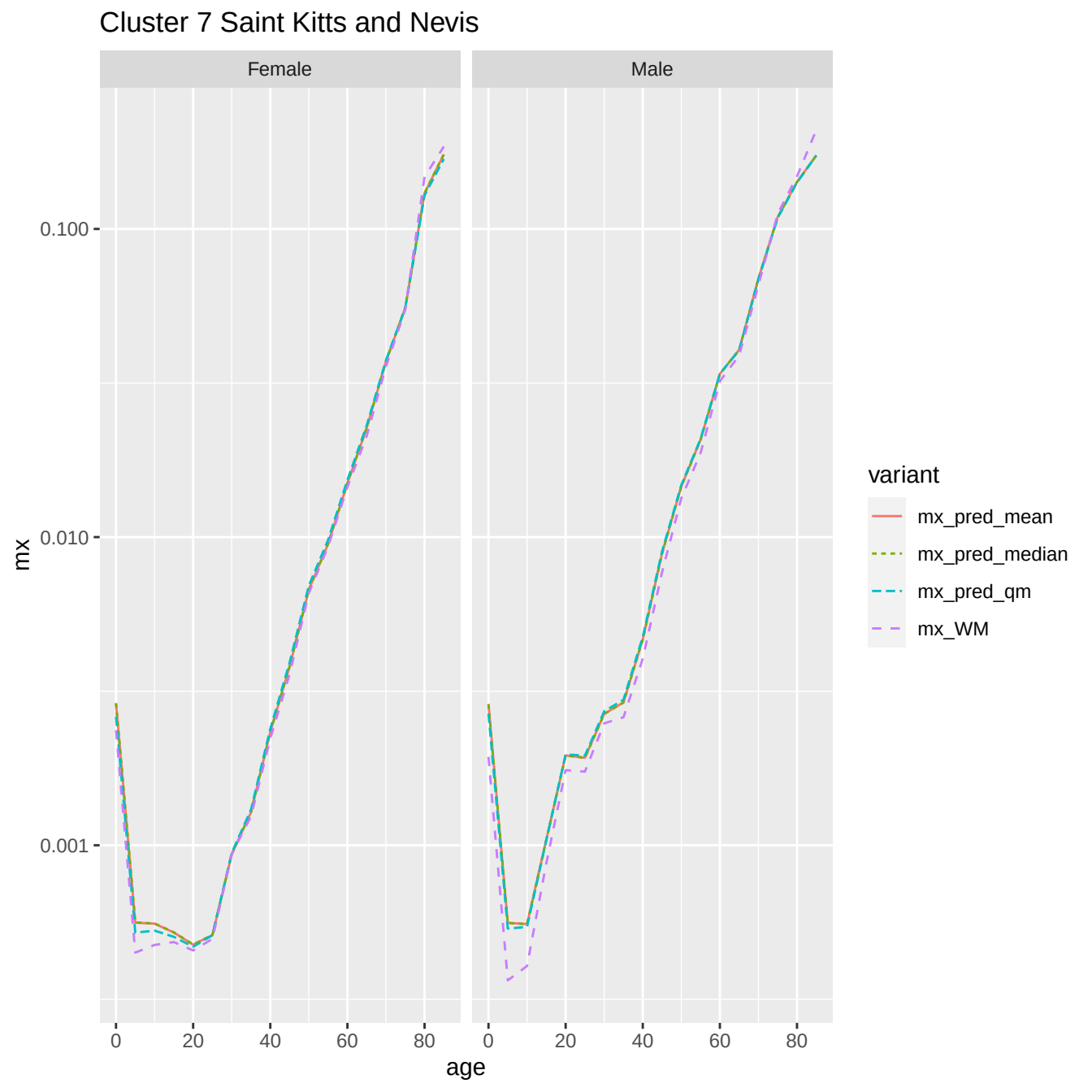

Cluster 7 Australia
Female
Male
1e−01
1e−02
1e−03
1e−04
mx
0
20
40
60
80
age
variant
mx_pred_mean
mx_pred_median
mx_pred_qm
mx_WM
observed

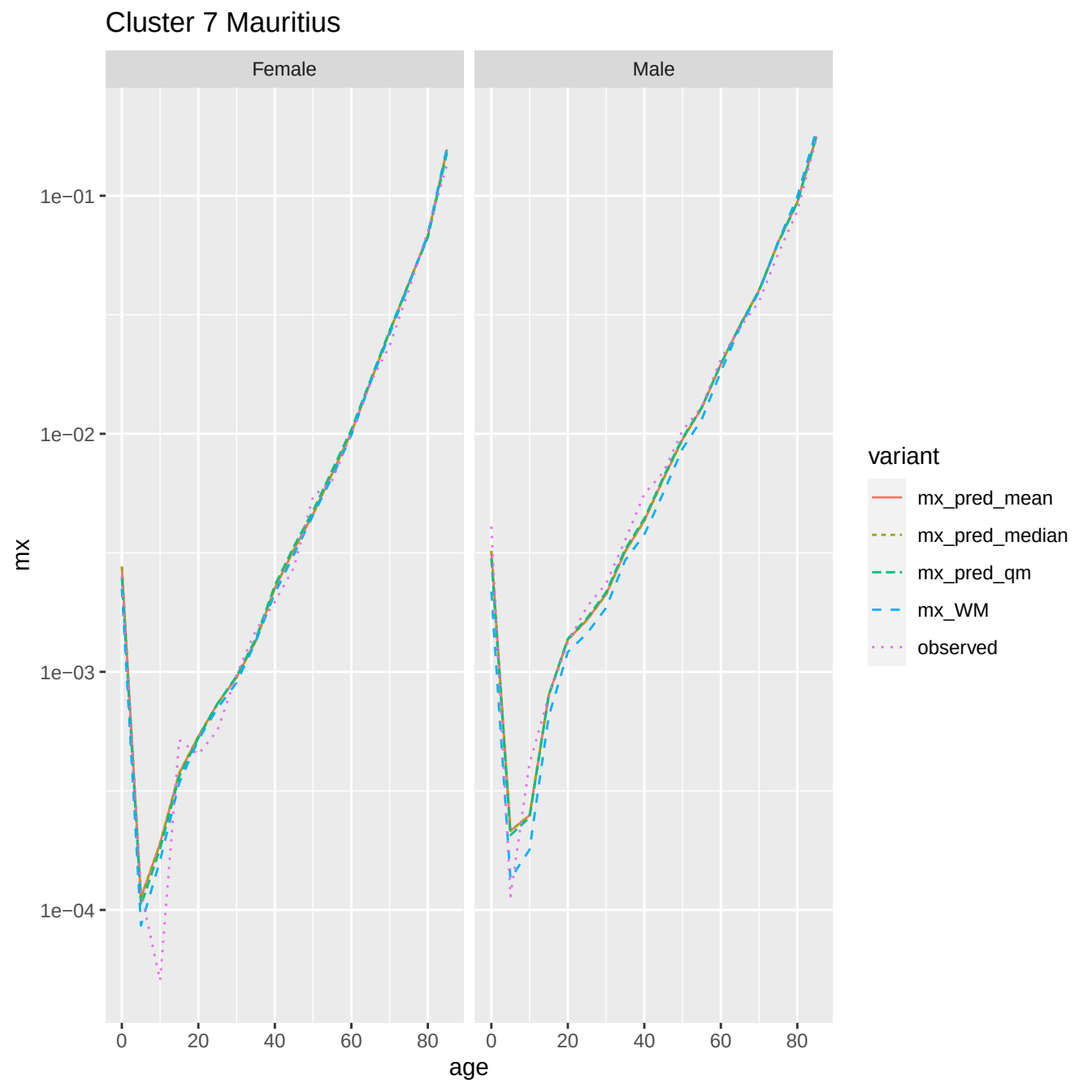

Cluster 7 Barbados
Female
Male
1e−01
1e−02
1e−03
1e−04
mx
0
20
40
60
80
age
variant
mx_pred_mean
mx_pred_median
mx_pred_qm
mx_WM

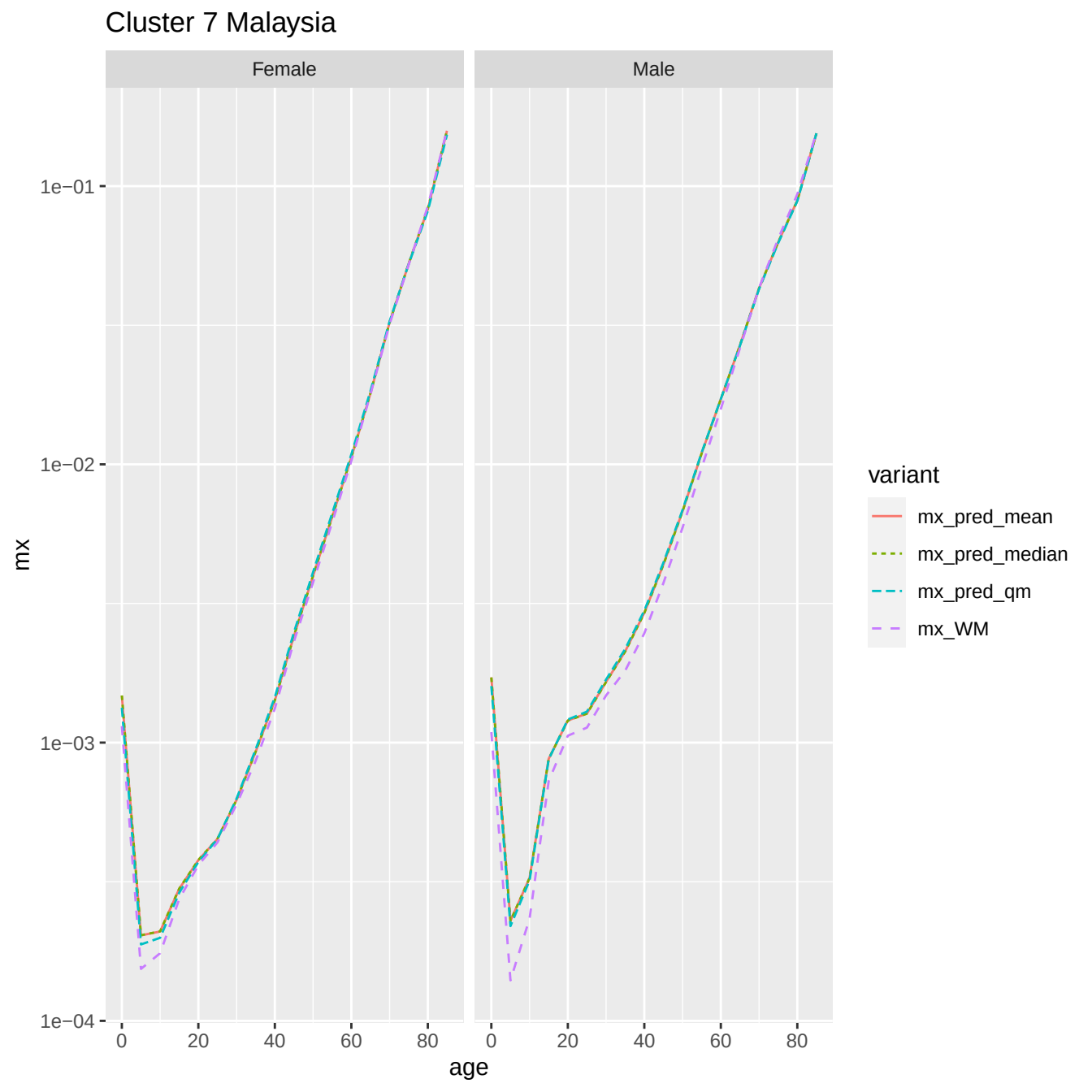

Cluster 7 Brunei Darussalam
Female
Male
0.100
0.010
0.001
mx
0
20
40
60
80
age
variant
mx_pred_mean
mx_pred_median
mx_pred_qm
mx_WM

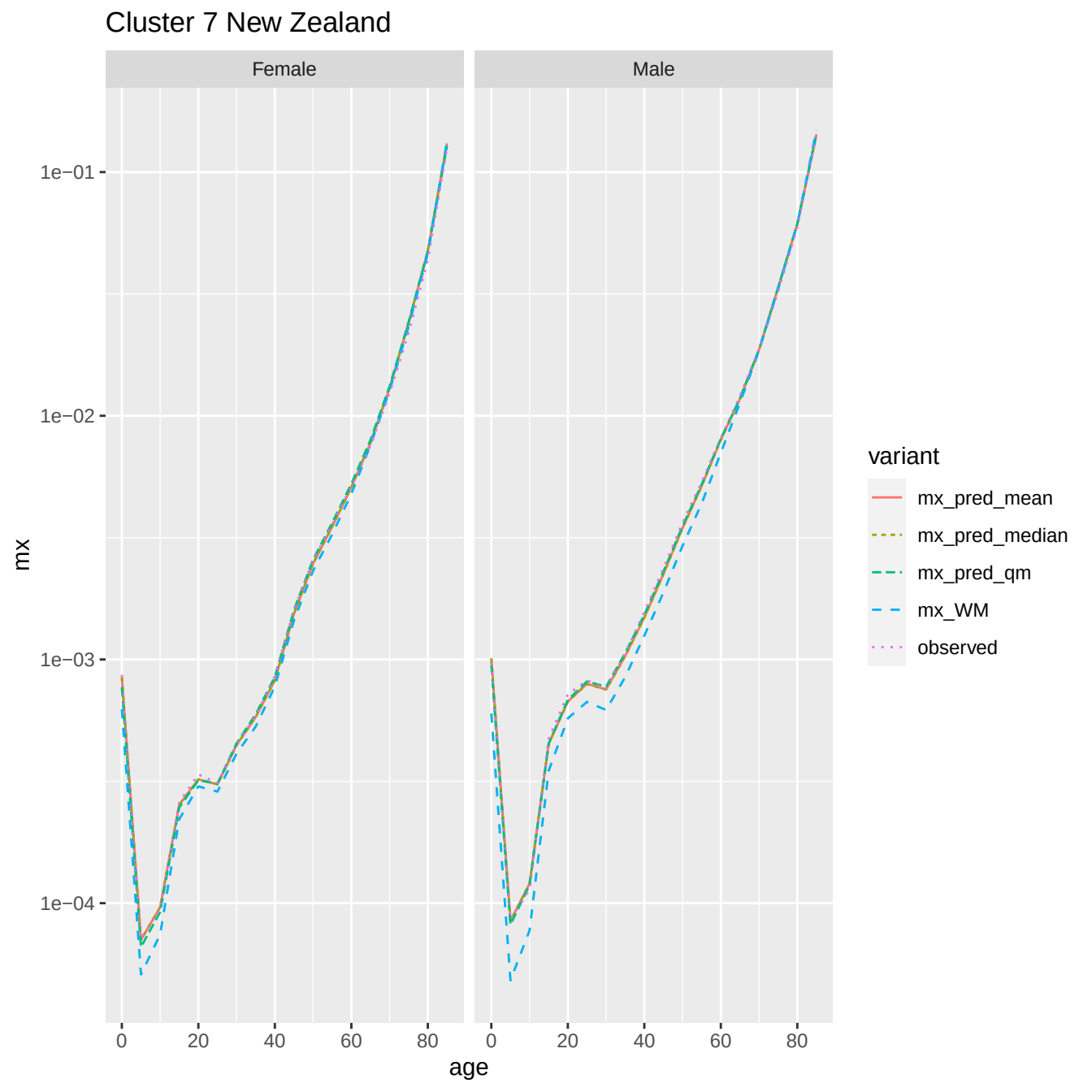

Cluster 7 Guatemala
Female
Male
0.100
0.010
0.001
mx
0
20
40
60
80
age
variant
mx_pred_mean
mx_pred_median
mx_pred_qm
mx_WM

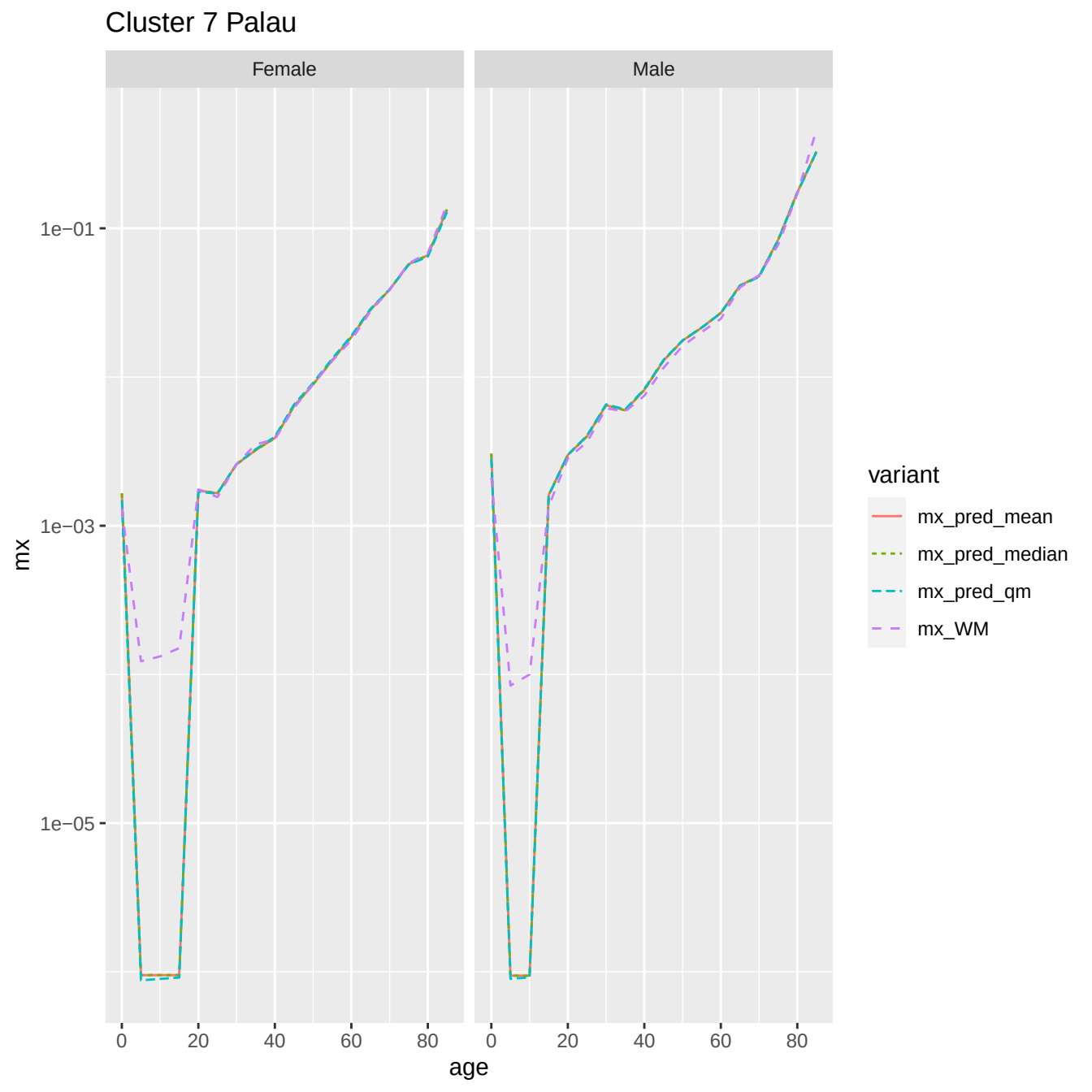

Cluster 7 Ireland
Female
Male
1e−01
1e−02
1e−03
1e−04
mx
0
20
40
60
80
age
variant
mx_pred_mean
mx_pred_median
mx_pred_qm
mx_WM
observed

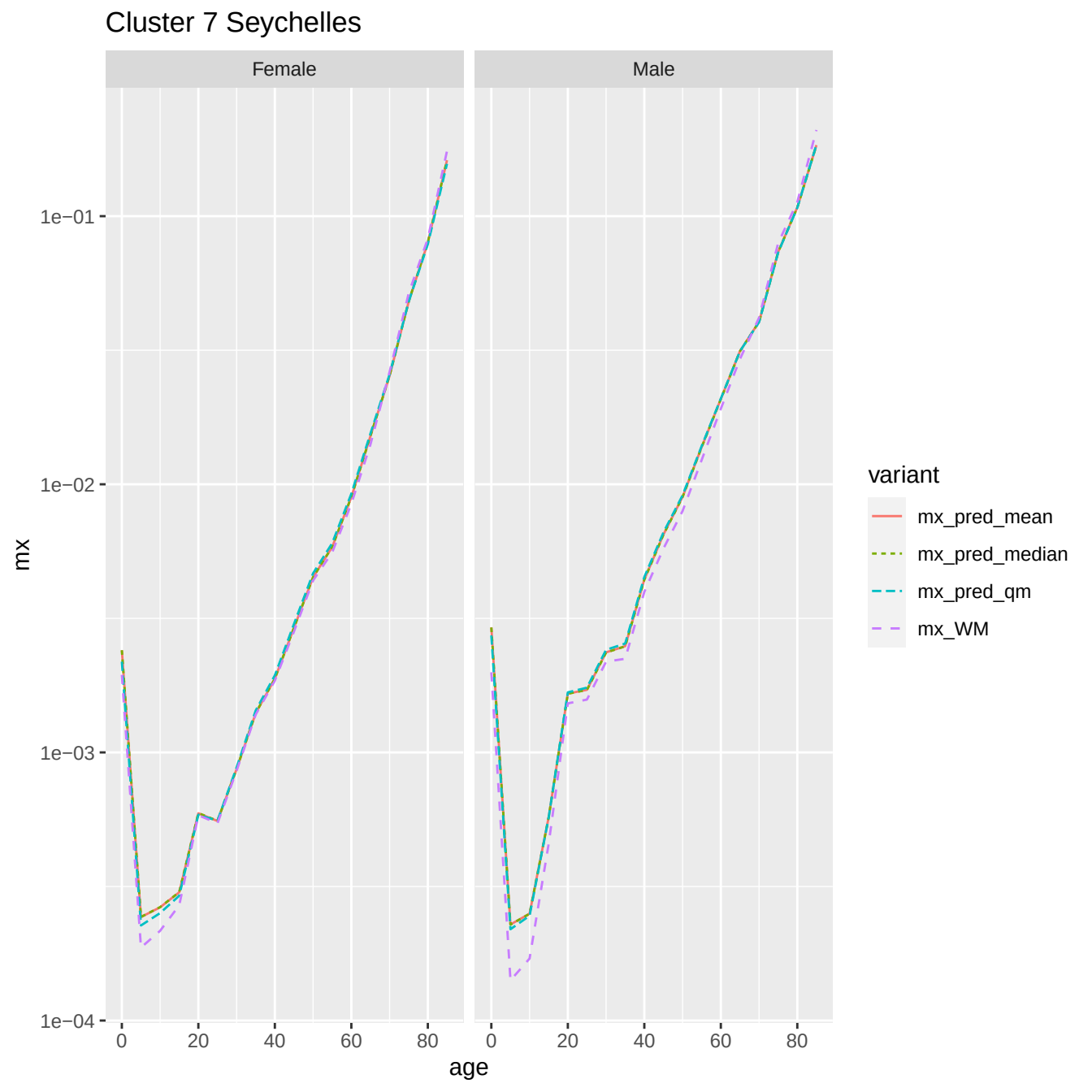

Cluster 7 Saint Kitts and Nevis
Female
Male
0.100
0.010
0.001
mx
0
20
40
60
80
age
variant
mx_pred_mean
mx_pred_median
mx_pred_qm
mx_WM

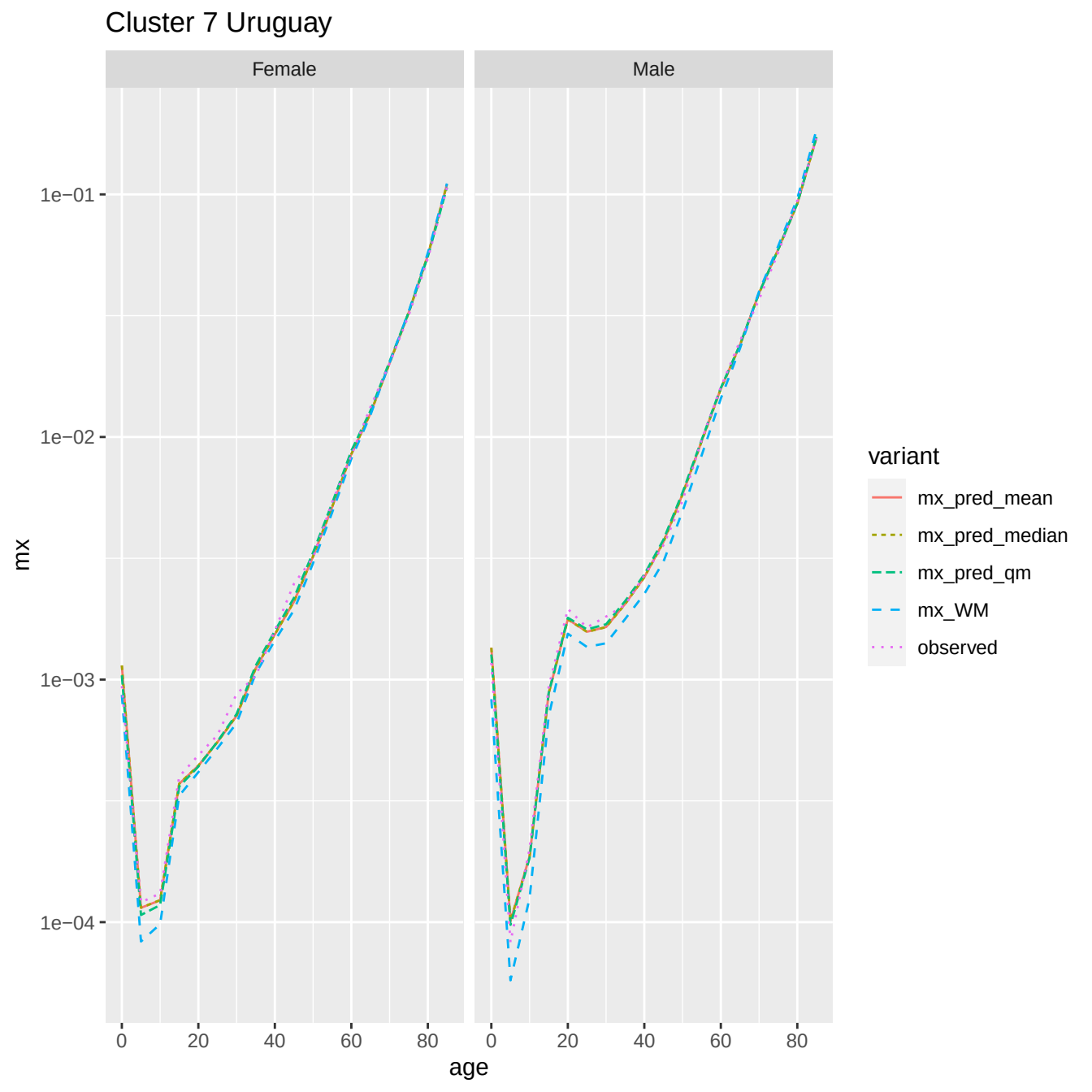

Cluster 7 Mauritius
Female
Male
1e−01
1e−02
1e−03
1e−04
mx
0
20
40
60
80
age
variant
mx_pred_mean
mx_pred_median
mx_pred_qm
mx_WM
observed

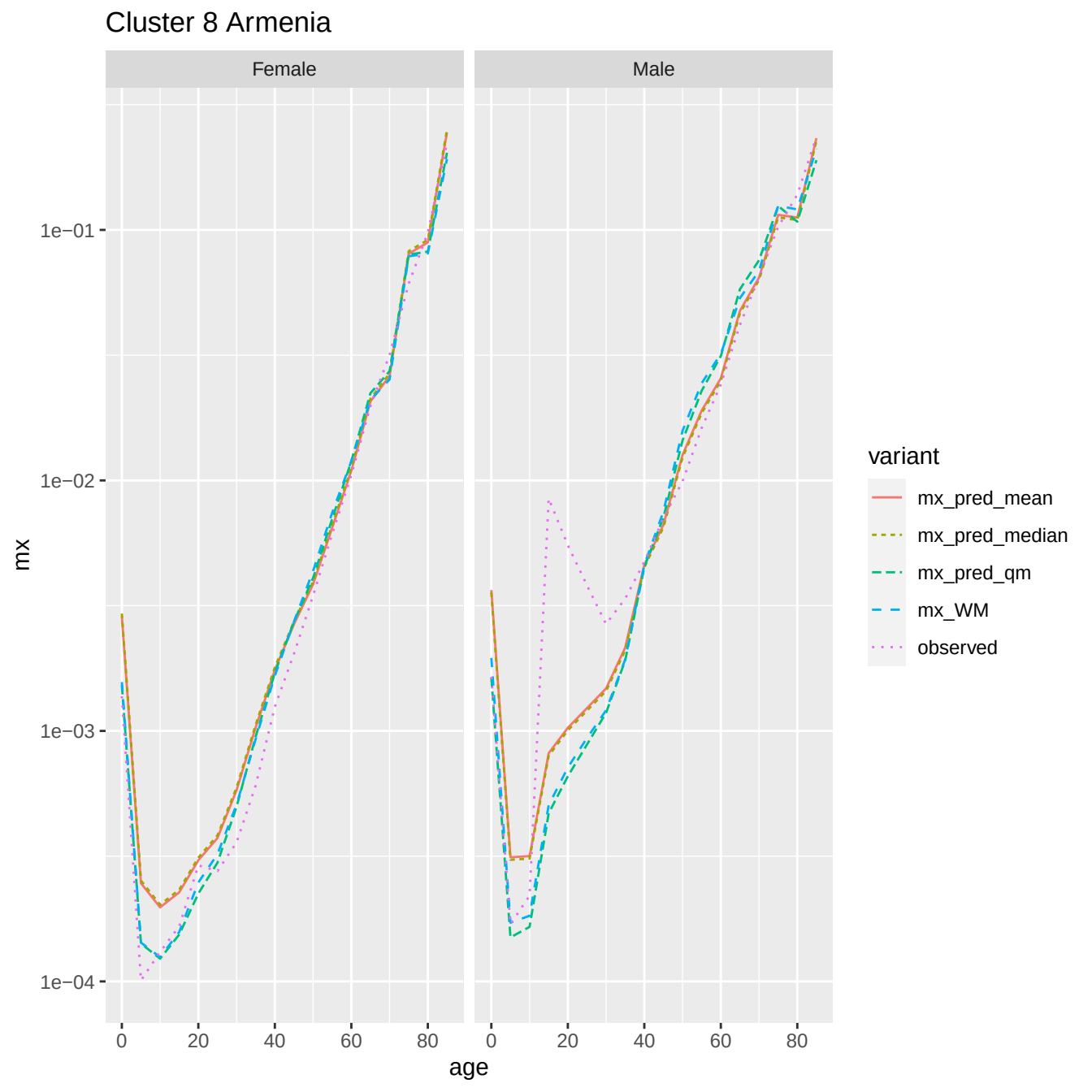

Cluster 7 Malaysia
Female
Male
1e−01
1e−02
1e−03
1e−04
mx
0
20
40
60
80
age
variant
mx_pred_mean
mx_pred_median
mx_pred_qm
mx_WM

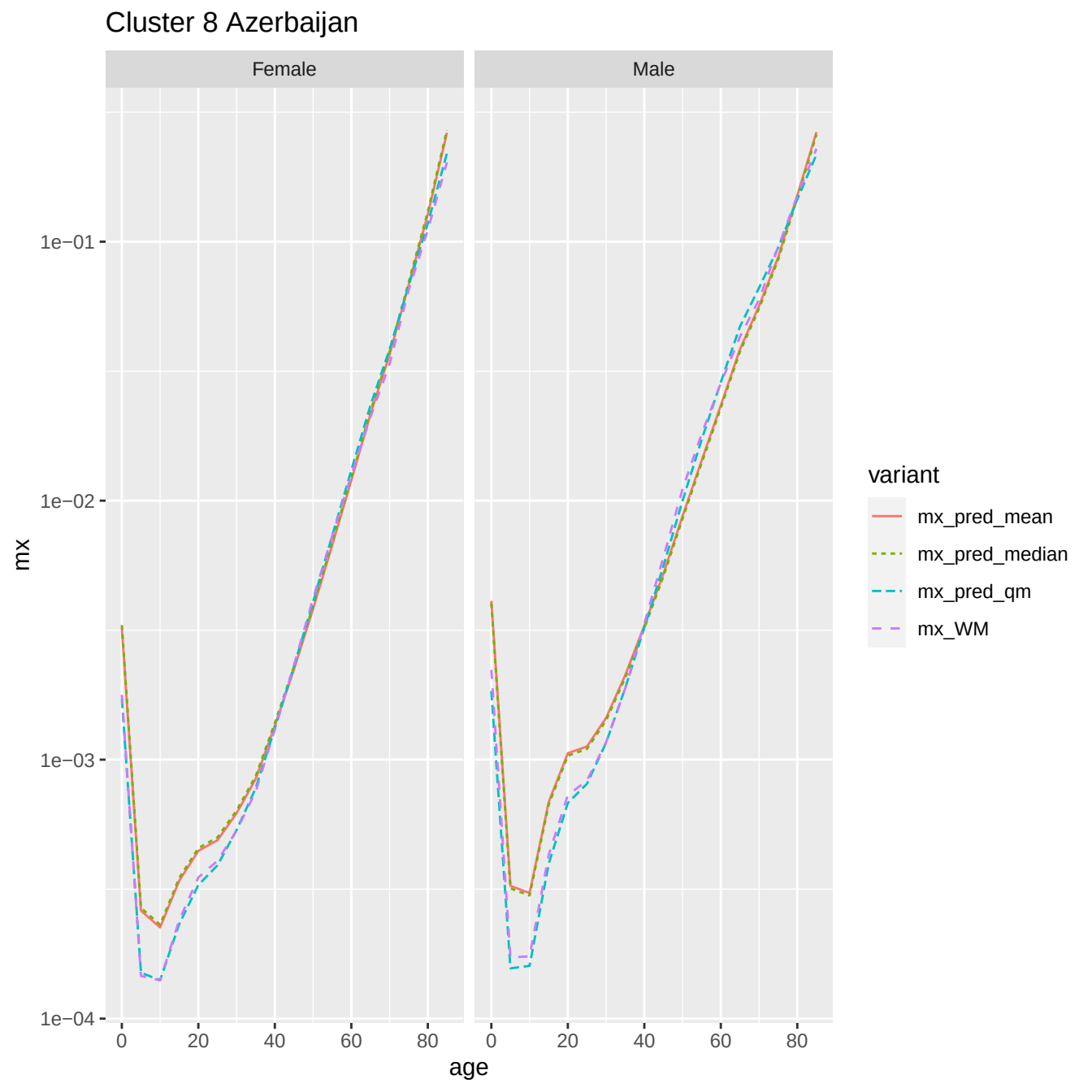

Cluster 7 New Zealand
Female
Male
1e−01
1e−02
1e−03
1e−04
mx
0
20
40
60
80
age
variant
mx_pred_mean
mx_pred_median
mx_pred_qm
mx_WM
observed

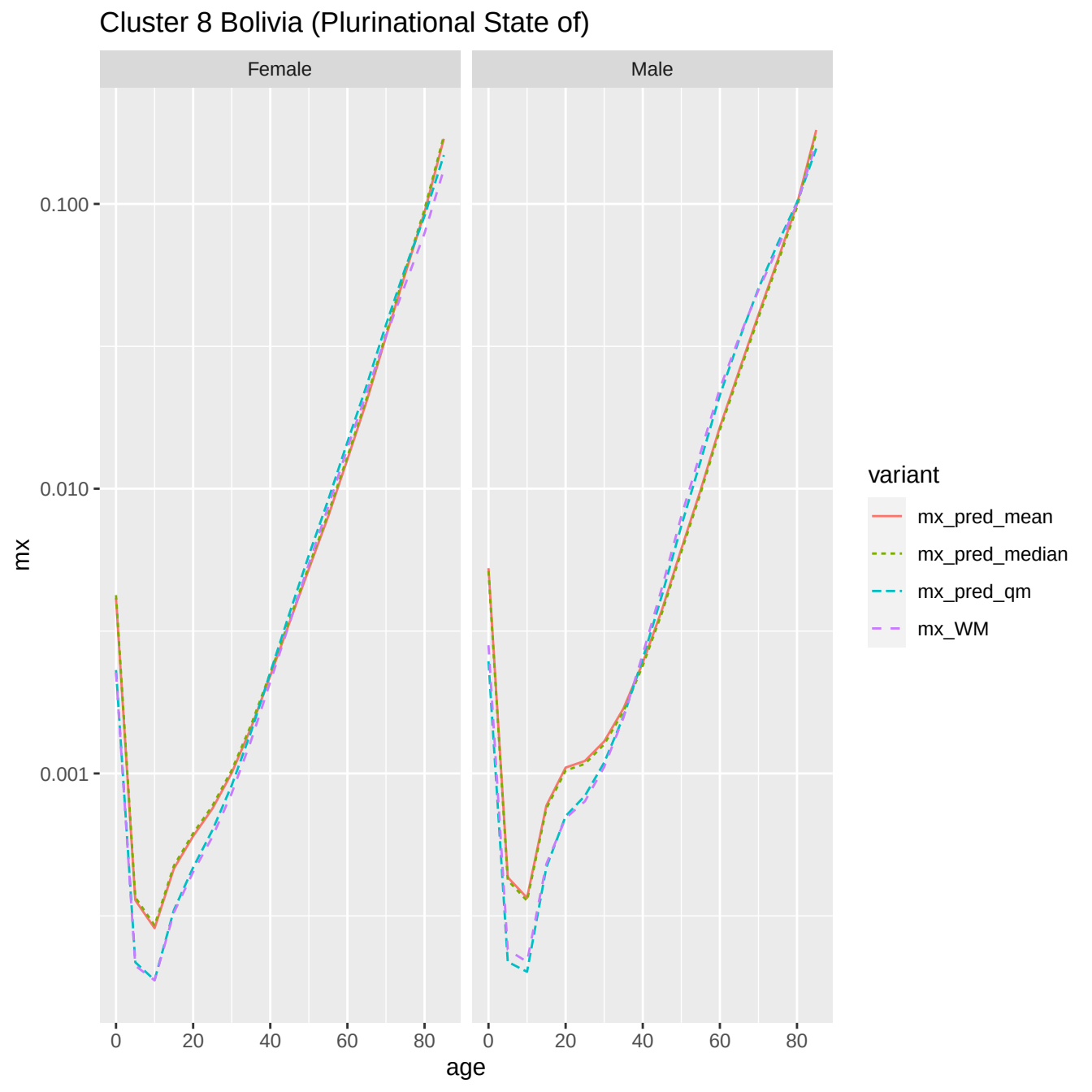

Cluster 7 Palau
Female
Male
1e−01
1e−03
1e−05
mx
0
20
40
60
80
age
variant
mx_pred_mean
mx_pred_median
mx_pred_qm
mx_WM

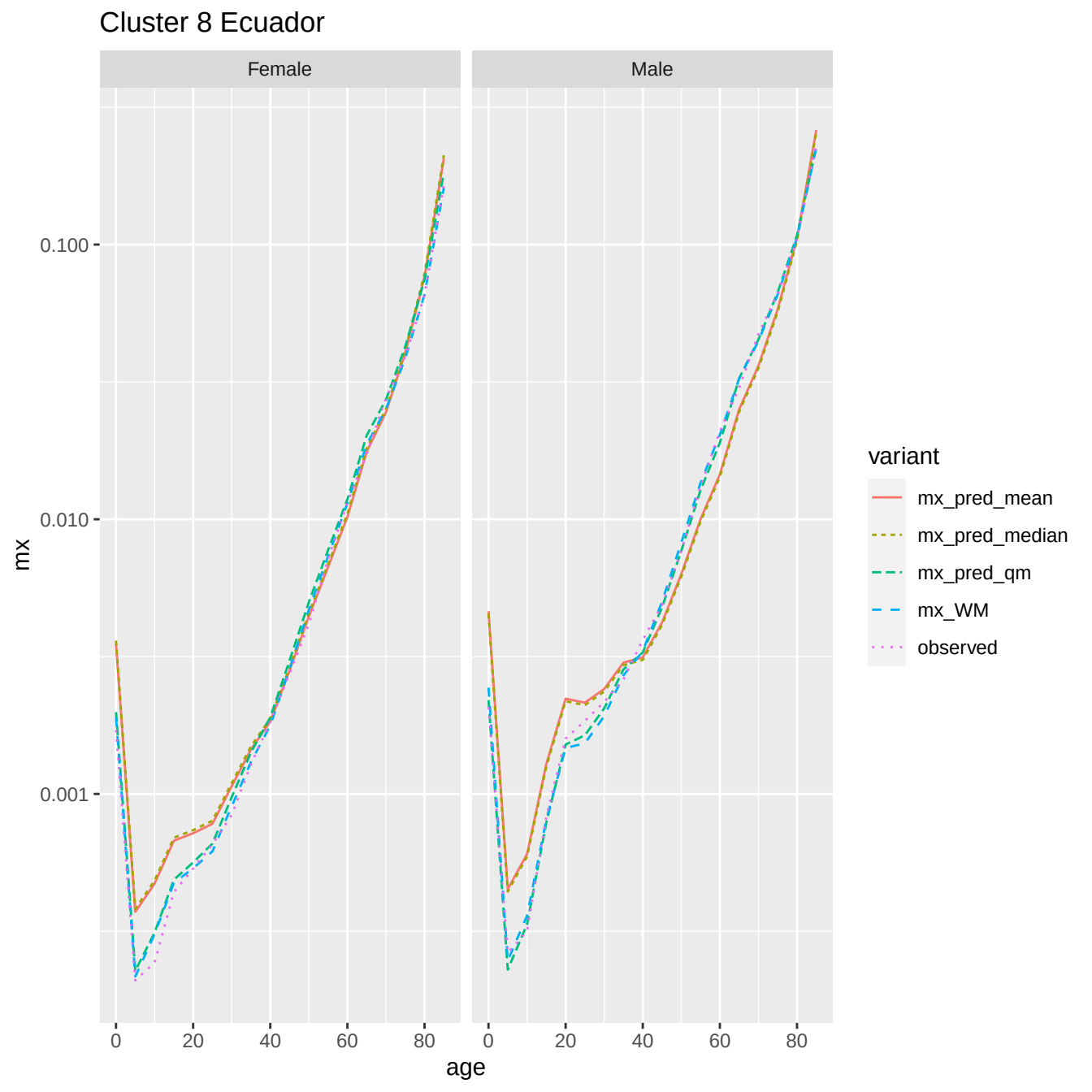

Cluster 7 Seychelles
Female
Male
1e−01
1e−02
1e−03
1e−04
mx
0
20
40
60
80
age
variant
mx_pred_mean
mx_pred_median
mx_pred_qm
mx_WM

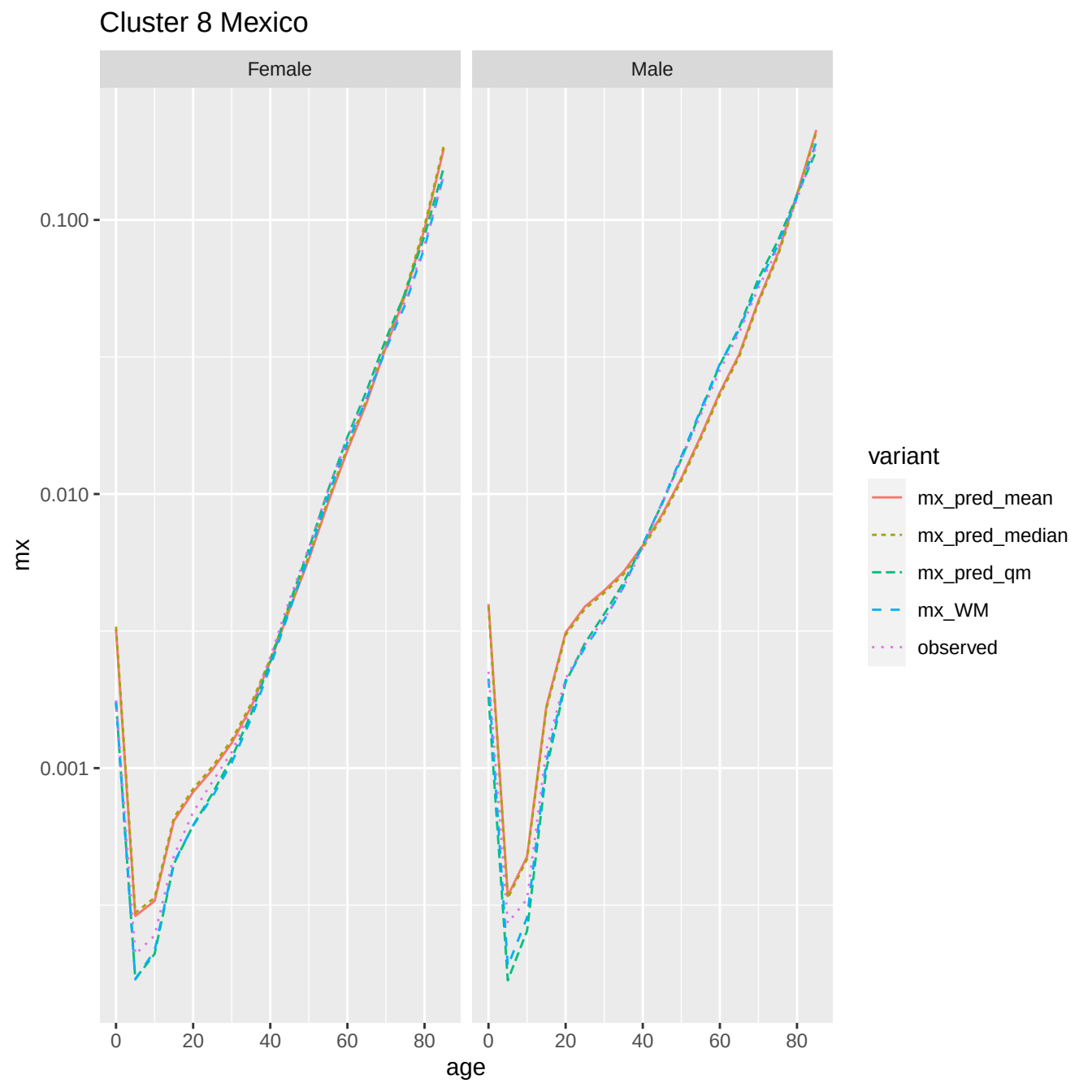

Cluster 7 Uruguay
Female
Male
1e−01
1e−02
1e−03
1e−04
mx
0
20
40
60
80
age
variant
mx_pred_mean
mx_pred_median
mx_pred_qm
mx_WM
observed

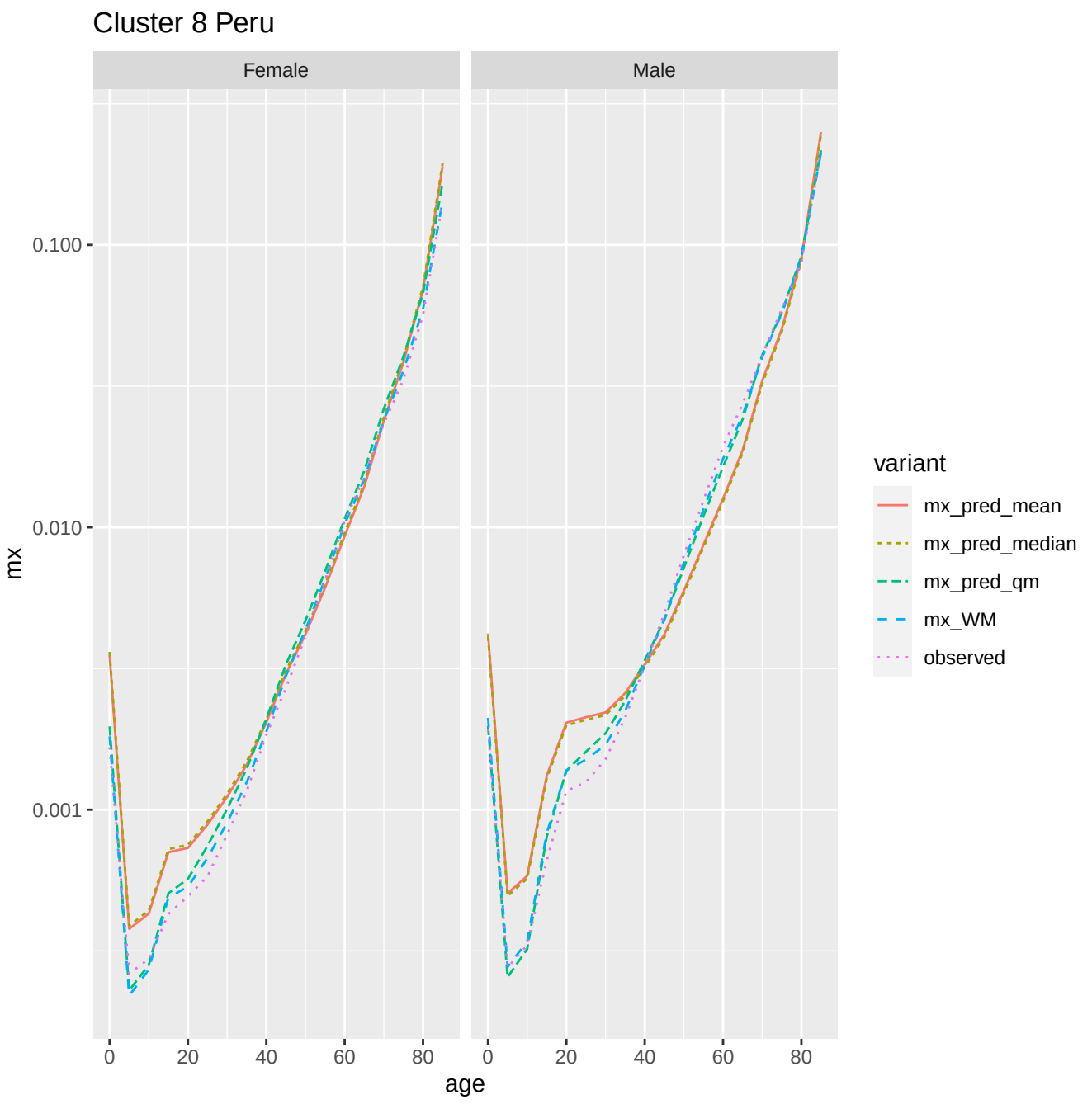

Cluster 8 Armenia
Female
Male
mx
1e−01
1e−02
1e−03
1e−04
0
20
40
60
80
age
variant
mx_pred_mean
mx_pred_median
mx_pred_qm
mx_WM
observed


Cluster 8 Azerbaijan
Female
Male
1e−01
1e−02
1e−03
1e−04
mx
0
20
40
60
80
age
variant
mx_pred_mean
mx_pred_median
mx_pred_qm
mx_WM


Cluster 8 Bolivia (Plurinational State of)
Female
Male
0.100
0.010
0.001
mx
0
20
40
60
80
age
variant
mx_pred_mean
mx_pred_median
mx_pred_qm
mx_WM


Cluster 8 Ecuador
Female
Male
0.100
0.010
0.001
mx
0
20
40
60
80
age
variant
mx_pred_mean
mx_pred_median
mx_pred_qm
mx_WM
observed


Cluster 8 Mexico
Female
Male
0.100
0.010
0.001
mx
0
20
40
60
80
age
variant
mx_pred_mean
mx_pred_median
mx_pred_qm
mx_WM
observed


Cluster 8 Peru
Female
Male
0.100
0.010
0.001
mx
0
20
40
60
80
age
variant
mx_pred_mean
mx_pred_median
mx_pred_qm
mx_WM
observed