Estimated Risk of ART for 2019−20 using Logistic Regression /w some features

All Observations

Top 34 Countries

Ranked Risk

0.00   0.05   0.10   0.15

1: Kosovo
2: Timor−Leste
3: Slovakia
5: Croatia
4: Bosnia and Herzegovina
9: North Macedonia
8: Lithuania
7: Moldova
6: Georgia
10: Namibia
11: Solomon Islands
13: Cape Verde
12: Suriname
14: Guinea−Bissau
15: Mauritius
18: Guyana
17: Lesotho
16: Botswana
19: The Gambia
20: Malawi
22: Trinidad and Tobago
21: Jamaica
23: Sierra Leone
30: Ivory Coast
29: Niger
28: Burkina Faso
27: Benin
26: Nigeria
25: Senegal
24: Mali
31: Tunisia
32: Bhutan
33: Sri Lanka
34: India

Observed Onsets w/in 1 Year: 8
Observed Onsets w/in 2 Years: 12

Highest Predicted Risk: 9.36%
Acceptance Threshold: 5%
Precision − TP/(TP+FP): 0.073
Recall − TP/(TP+FN): 0.583

True Positive: 7
True Negative: 68
False Positive: 89
False Negative: 5

AUC−PR: 0.084; Brier: 0.067; Kappa: 0

Observed Onset in 2019
Observed Onset in 2020