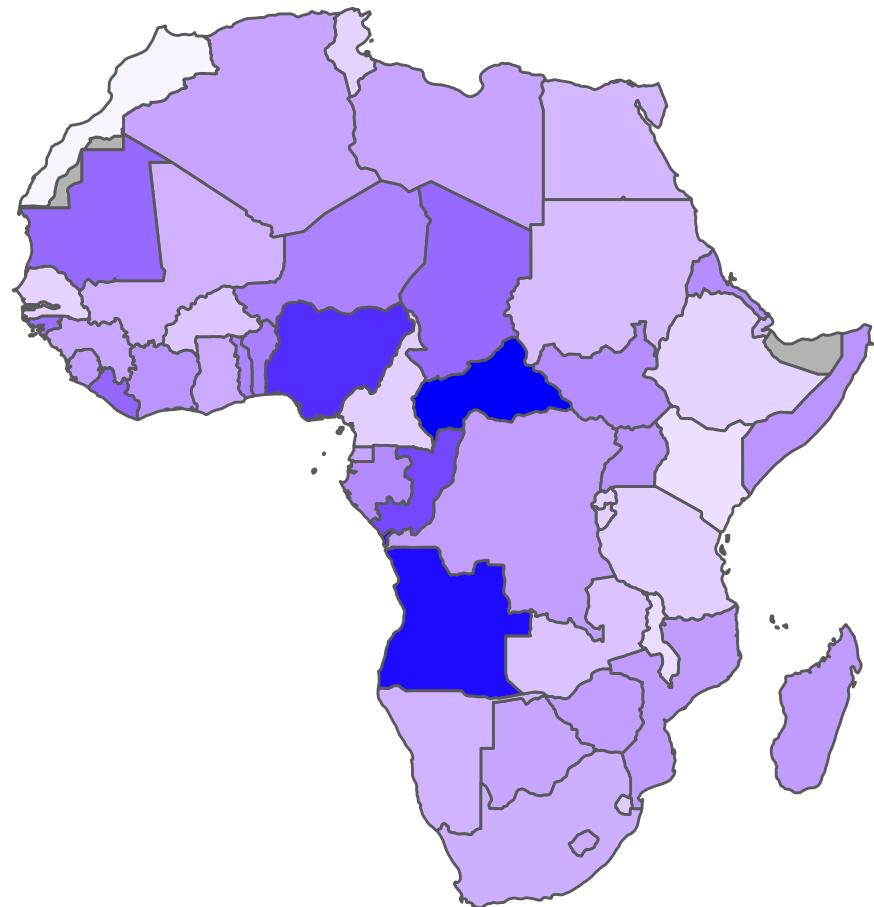


EPI benefits versus COVID–19 risks / benefit_risk_ratio

HepB3 / EPI suspension period: 6 months / vaccine impact: lifetime



benefit–risk ratio

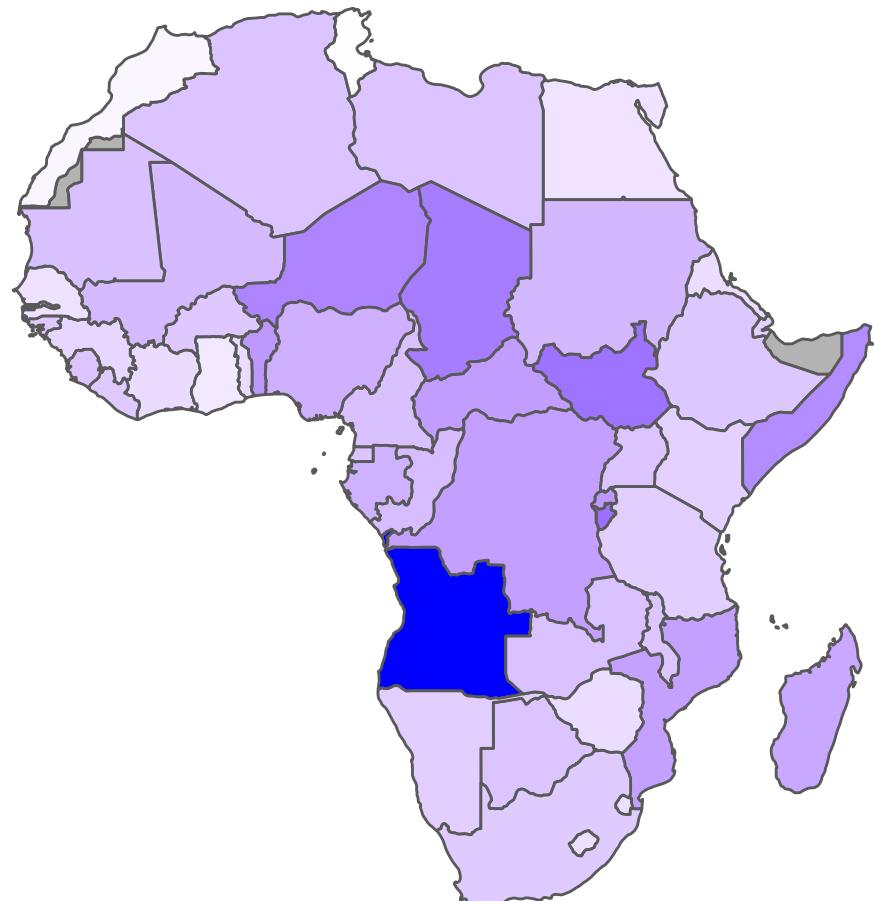
150

100

50

EPI benefits versus COVID–19 risks / benefit_risk_ratio

Hib3 / EPI suspension period: 6 months / vaccine impact: lifetime

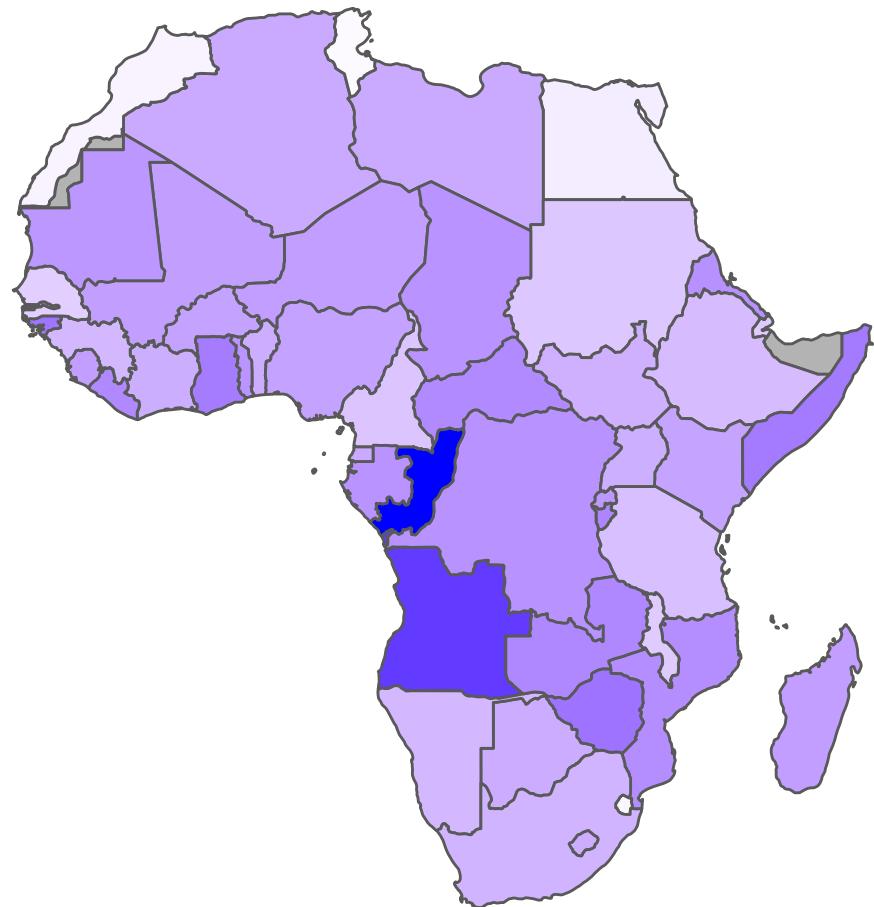


benefit–risk ratio

50
40
30
20
10

EPI benefits versus COVID–19 risks / benefit_risk_ratio

MCV1 / EPI suspension period: 6 months / vaccine impact: lifetime

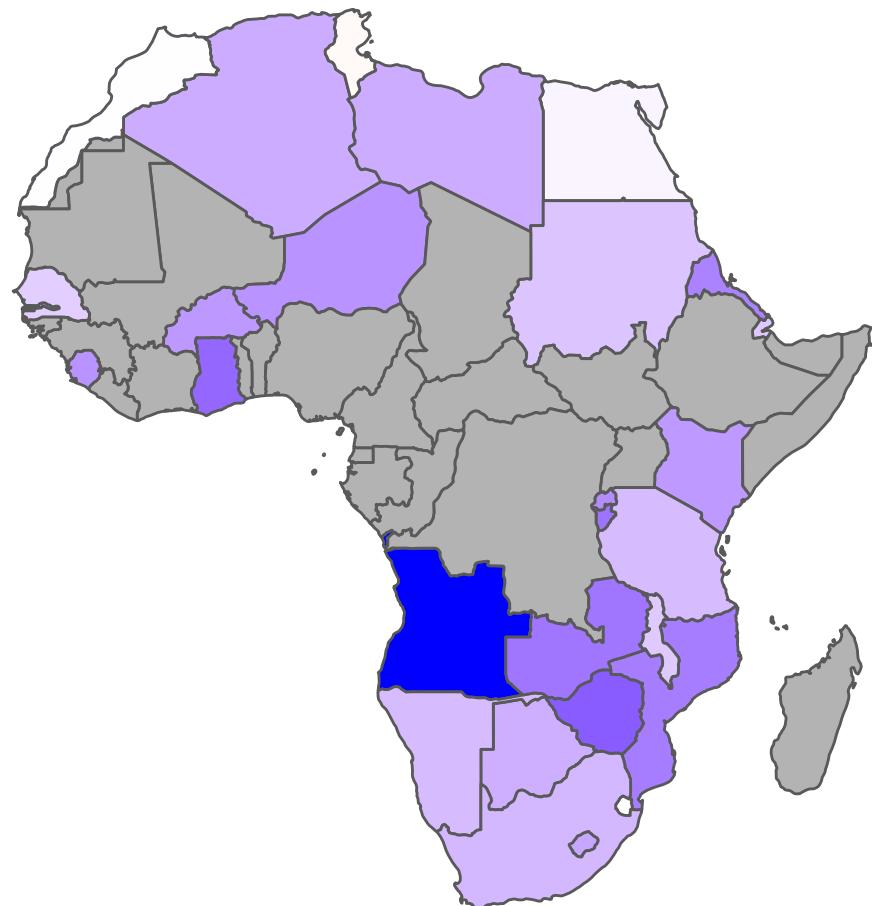


benefit–risk ratio

500
400
300
200
100

EPI benefits versus COVID–19 risks / benefit_risk_ratio

MCV2 / EPI suspension period: 6 months / vaccine impact: lifetime



benefit–risk ratio

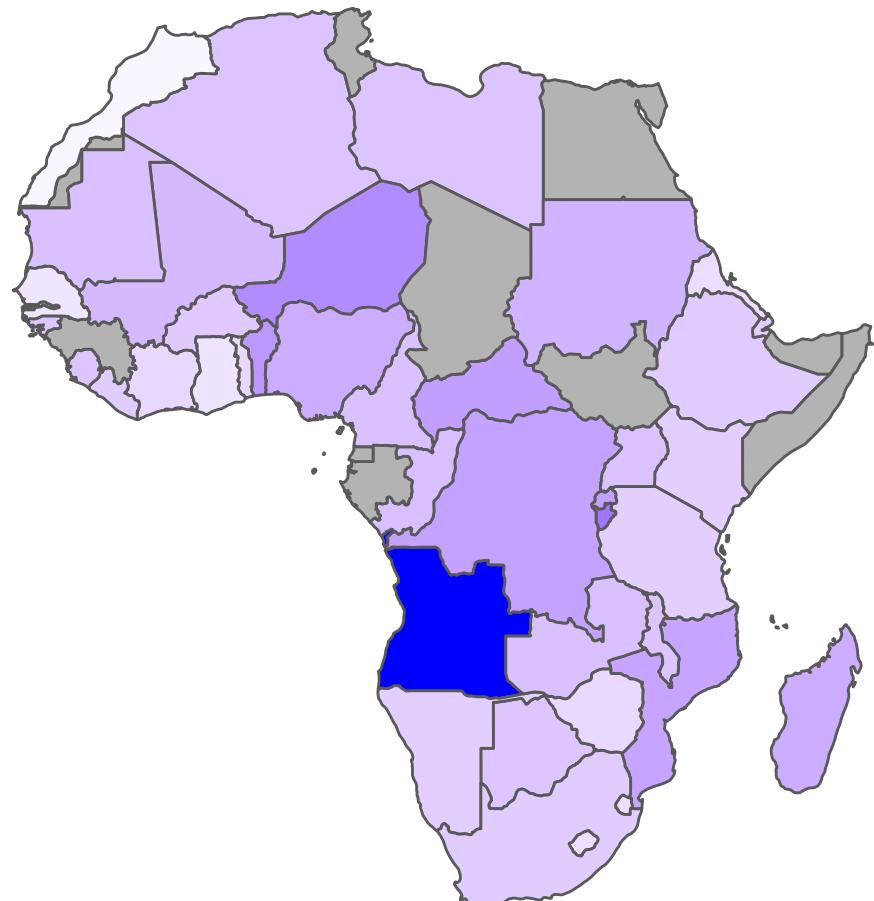
15

10

5

EPI benefits versus COVID–19 risks / benefit_risk_ratio

PCV3 / EPI suspension period: 6 months / vaccine impact: lifetime



benefit–risk ratio

40

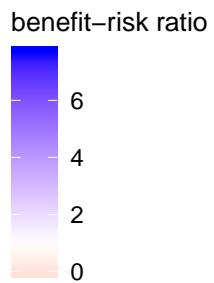
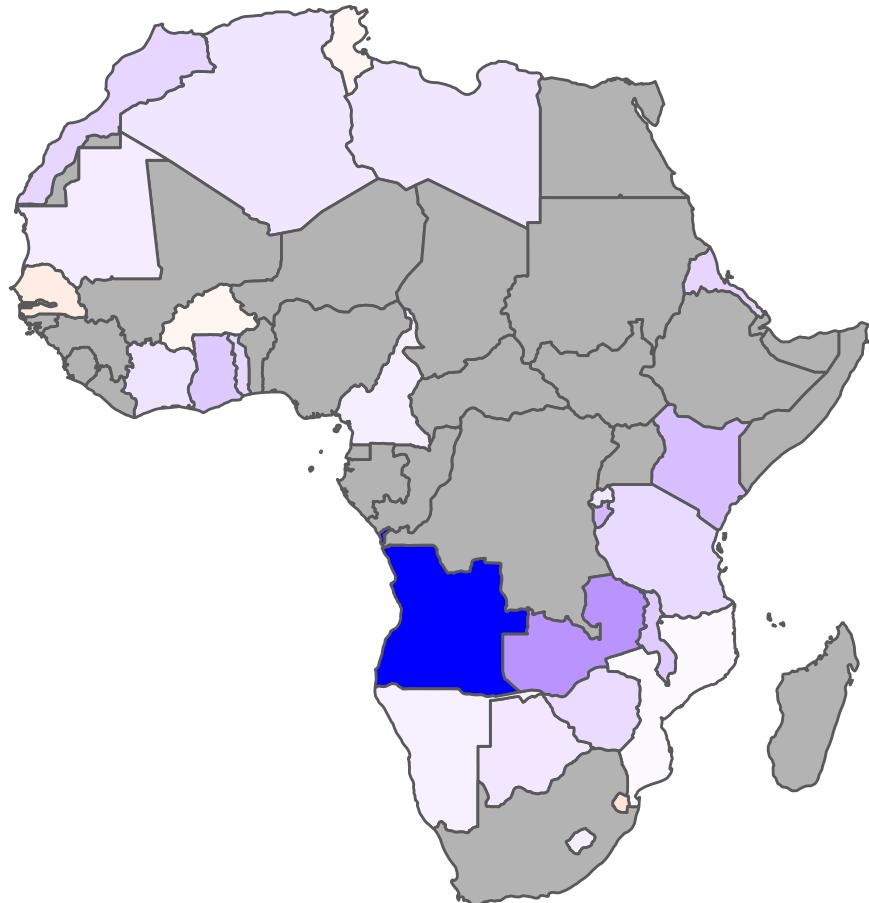
30

20

10

EPI benefits versus COVID–19 risks / benefit_risk_ratio

RCV1 / EPI suspension period: 6 months / vaccine impact: lifetime



EPI benefits versus COVID–19 risks / benefit_risk_ratio

RotaC / EPI suspension period: 6 months / vaccine impact: lifetime

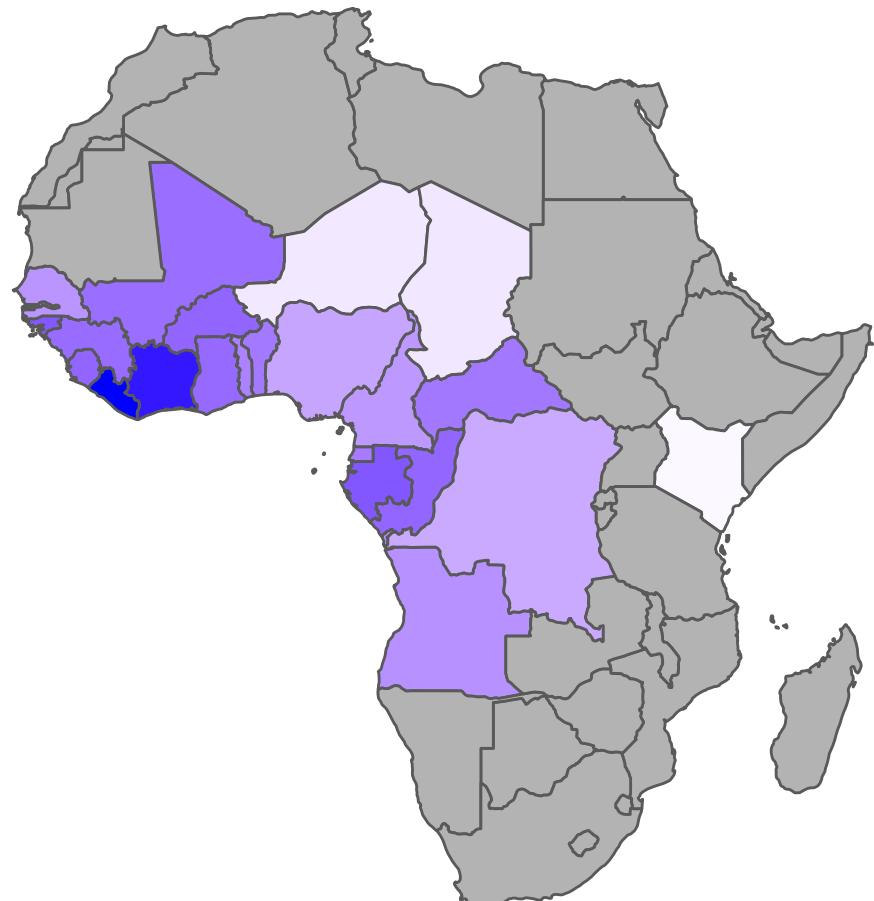


benefit–risk ratio

40
30
20
10

EPI benefits versus COVID–19 risks / benefit_risk_ratio

YFV / EPI suspension period: 6 months / vaccine impact: lifetime

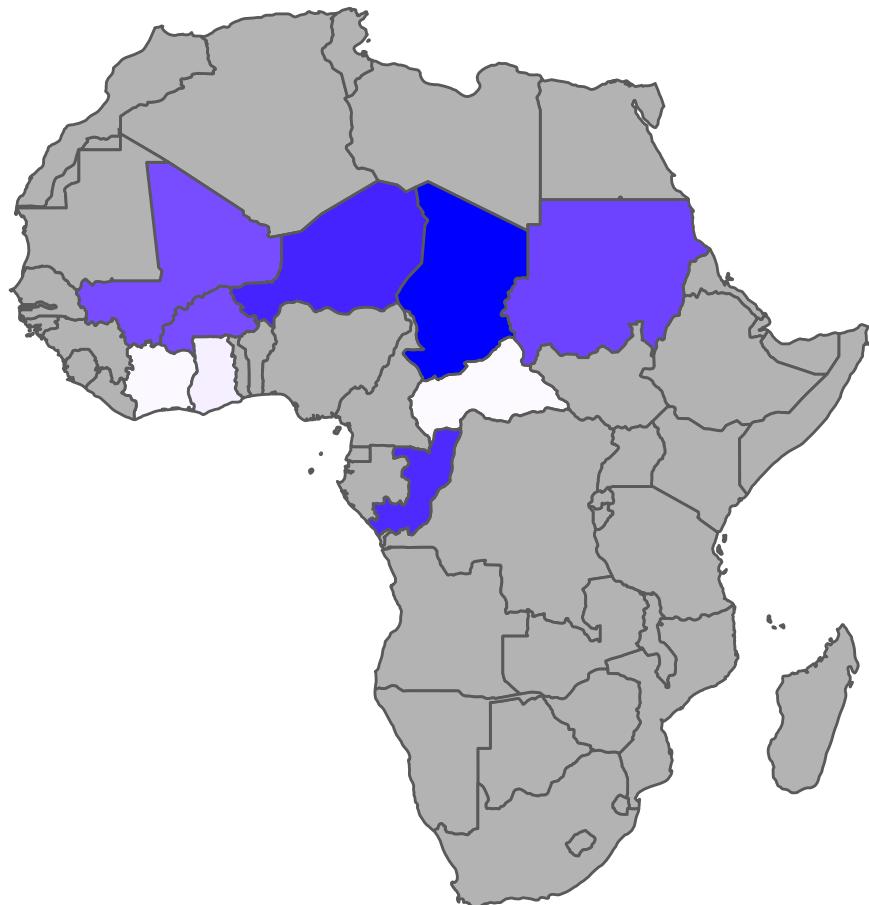


benefit–risk ratio

600
400
200

EPI benefits versus COVID–19 risks / benefit_risk_ratio

MenA / EPI suspension period: 6 months / vaccine impact: lifetime



benefit–risk ratio

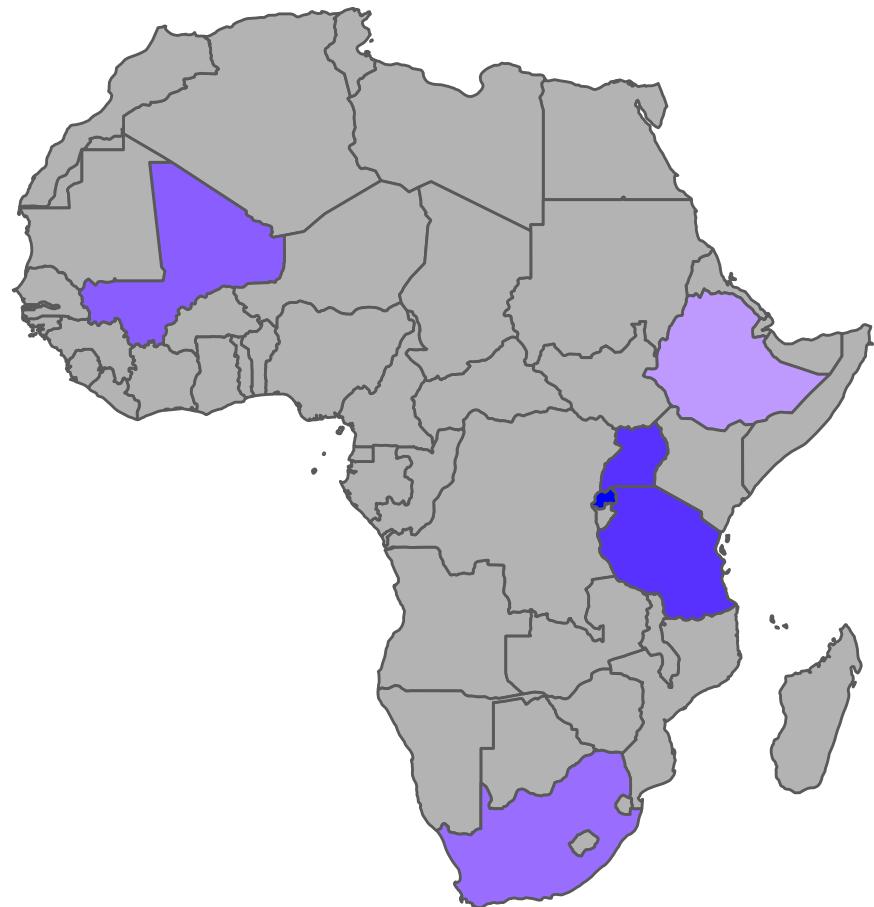
15

10

5

EPI benefits versus COVID–19 risks / benefit_risk_ratio

HPVfem / EPI suspension period: 6 months / vaccine impact: lifetime

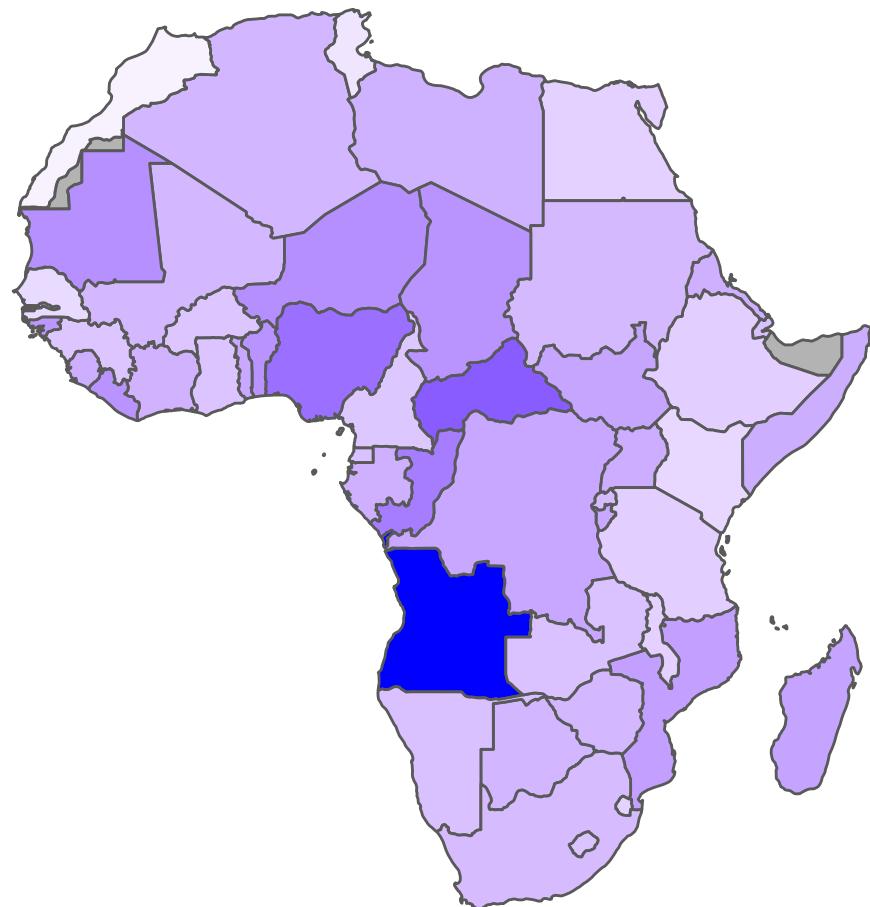


benefit–risk ratio

175
150
125
100

EPI benefits versus COVID–19 risks / benefit_risk_ratio

HepB3, Hib3, PCV3, RotaC / EPI suspension period: 6 months / vaccine impact: lifetime



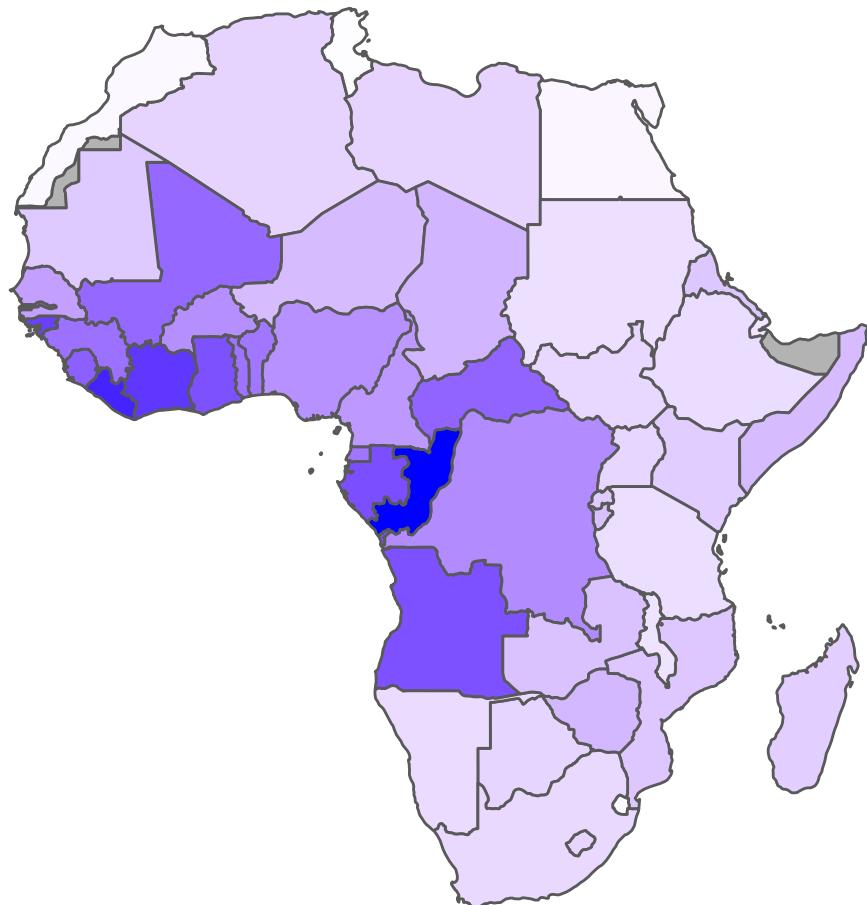
benefit–risk ratio

200

100

EPI benefits versus COVID–19 risks / benefit_risk_ratio

MCV1, RCV1, MenA, YFV / EPI suspension period: 6 months / vaccine impact: lifetime



benefit–risk ratio

1000

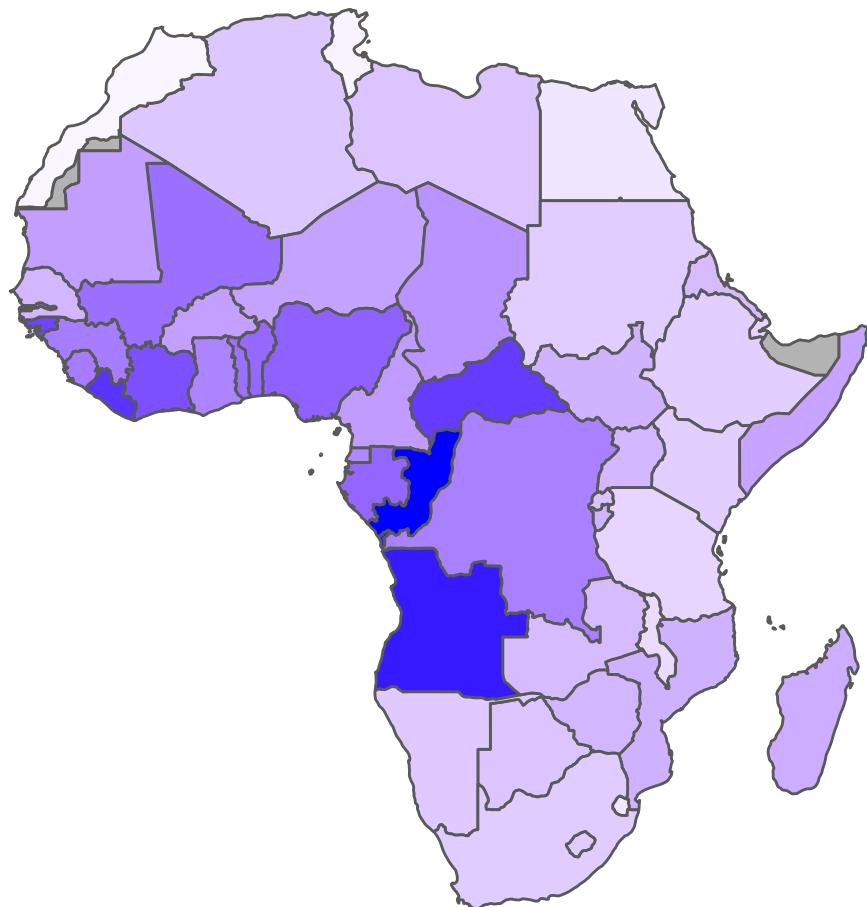
750

500

250

EPI benefits versus COVID–19 risks / benefit_risk_ratio

HepB3, Hib3, PCV3, RotaC, MCV1, RCV1, MenA, YFV, MCV2 / EPI suspension period: 6 months / vaccine impact: lifetime



benefit–risk ratio

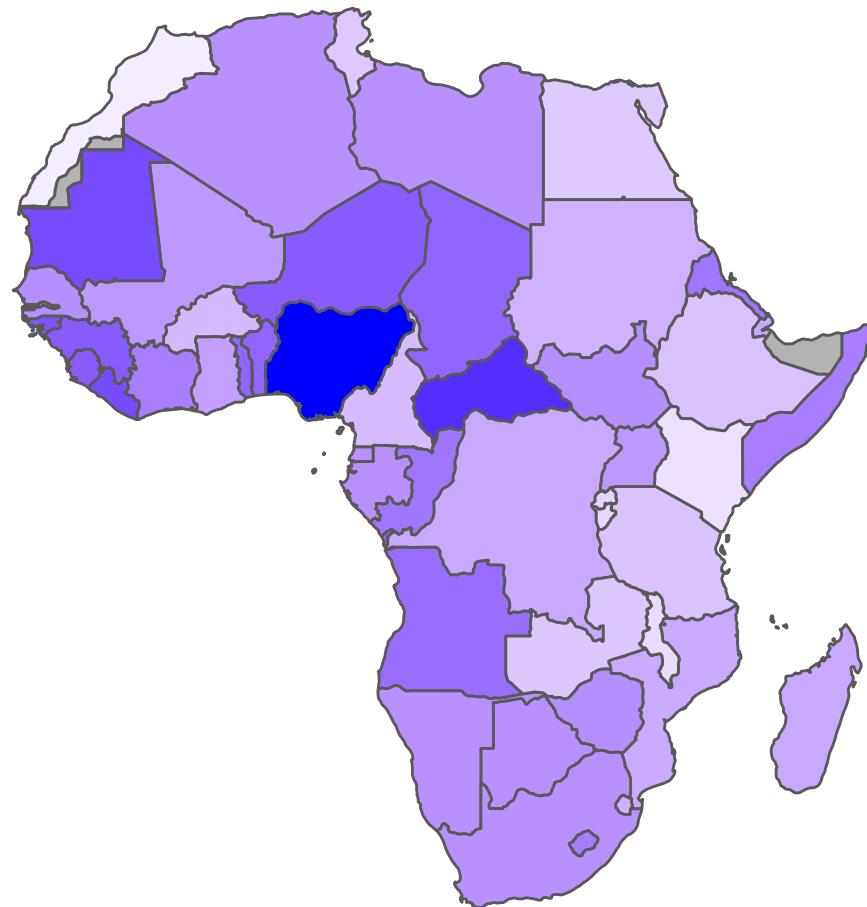
300

200

100

EPI benefits versus COVID–19 risks / childBenefitRiskRatio

HepB3 / EPI suspension period: 6 months / vaccine impact: lifetime



benefit–risk ratio

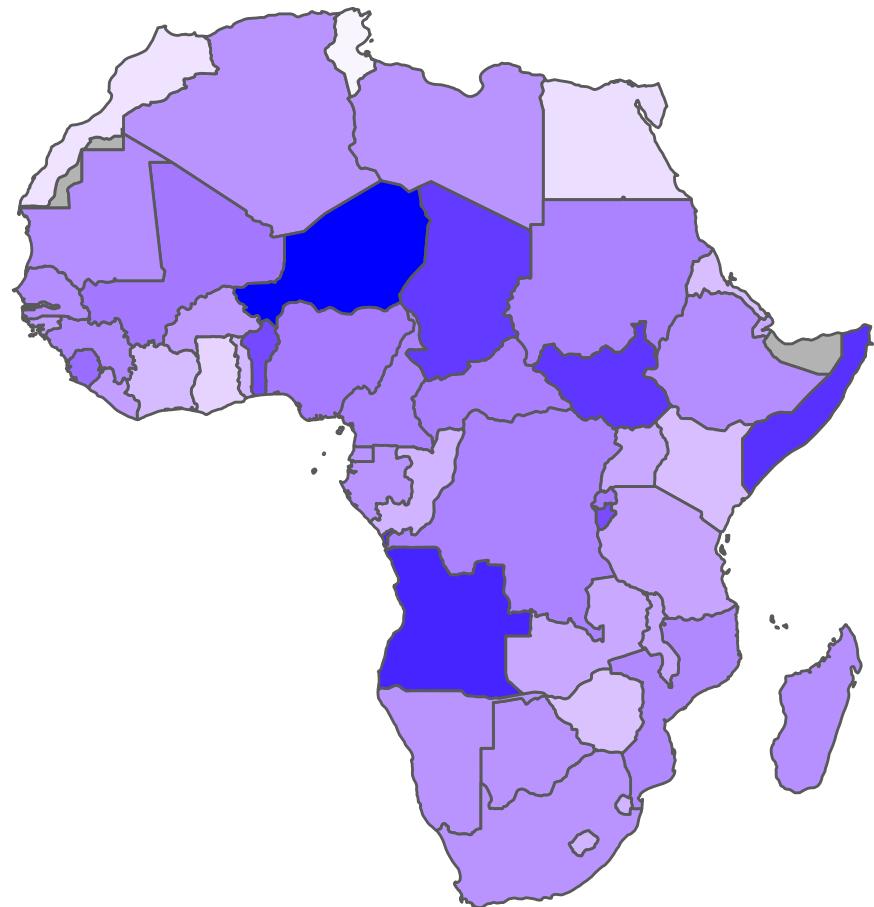
60000

40000

20000

EPI benefits versus COVID–19 risks / childBenefitRiskRatio

Hib3 / EPI suspension period: 6 months / vaccine impact: lifetime



benefit–risk ratio

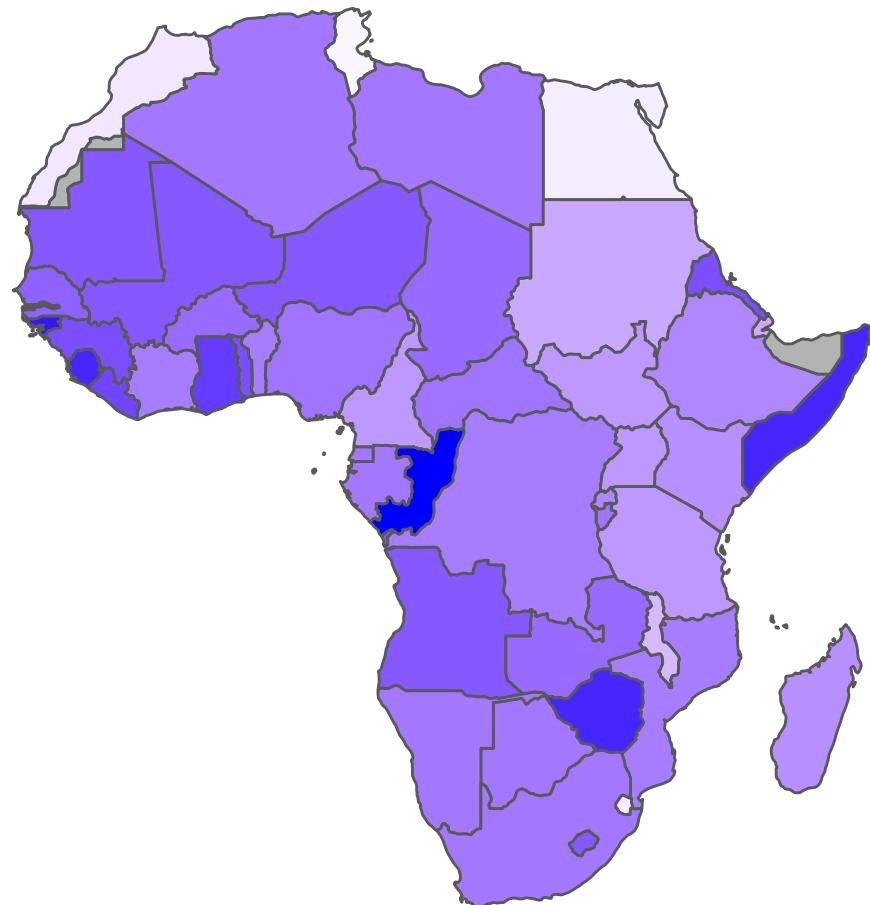
15000

10000

5000

EPI benefits versus COVID–19 risks / childBenefitRiskRatio

MCV1 / EPI suspension period: 6 months / vaccine impact: lifetime



benefit–risk ratio

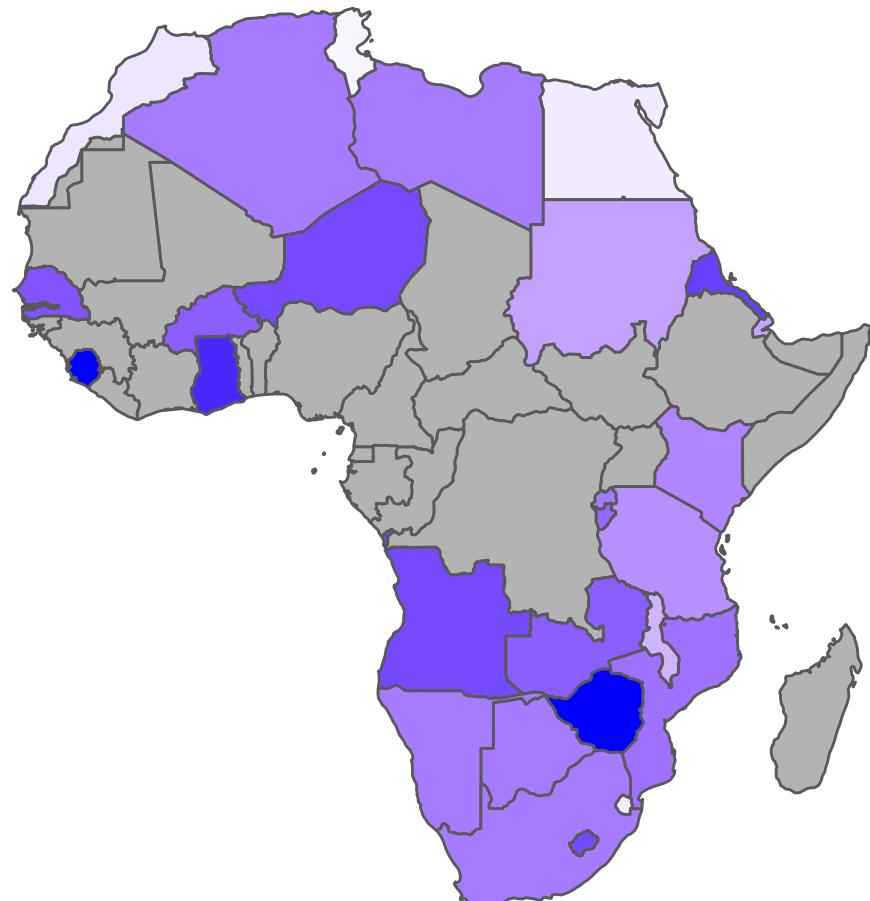
150000

100000

50000

EPI benefits versus COVID–19 risks / childBenefitRiskRatio

MCV2 / EPI suspension period: 6 months / vaccine impact: lifetime



benefit–risk ratio

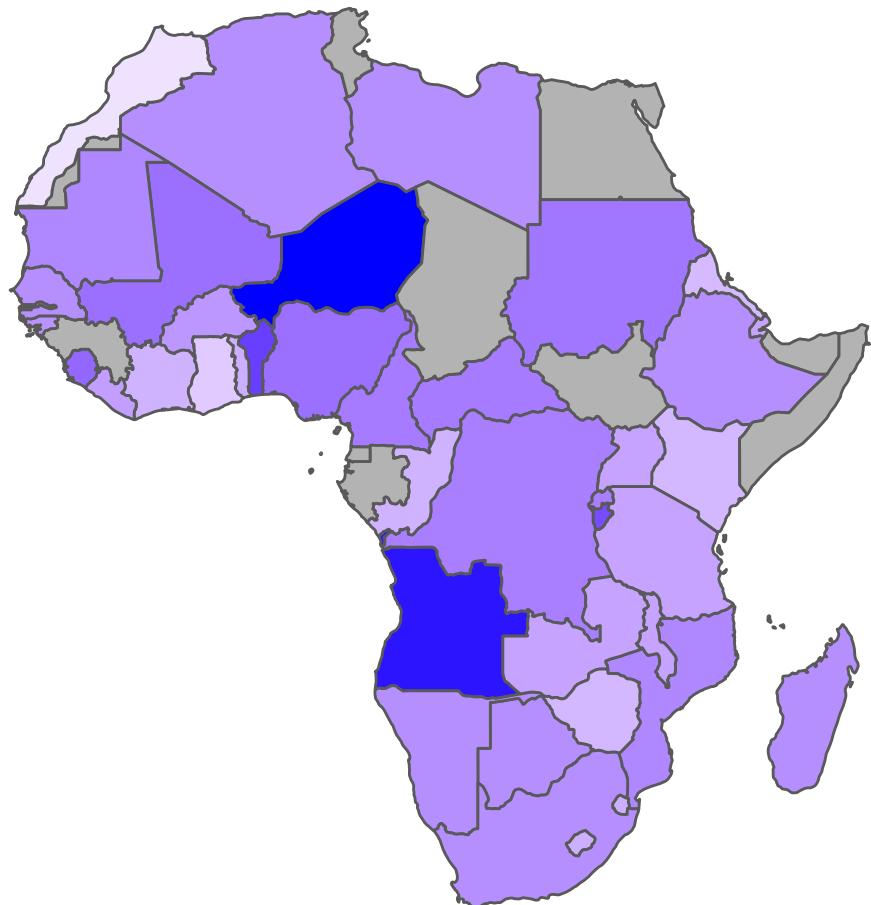
6000

4000

2000

EPI benefits versus COVID–19 risks / childBenefitRiskRatio

PCV3 / EPI suspension period: 6 months / vaccine impact: lifetime



benefit–risk ratio

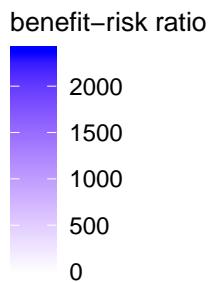
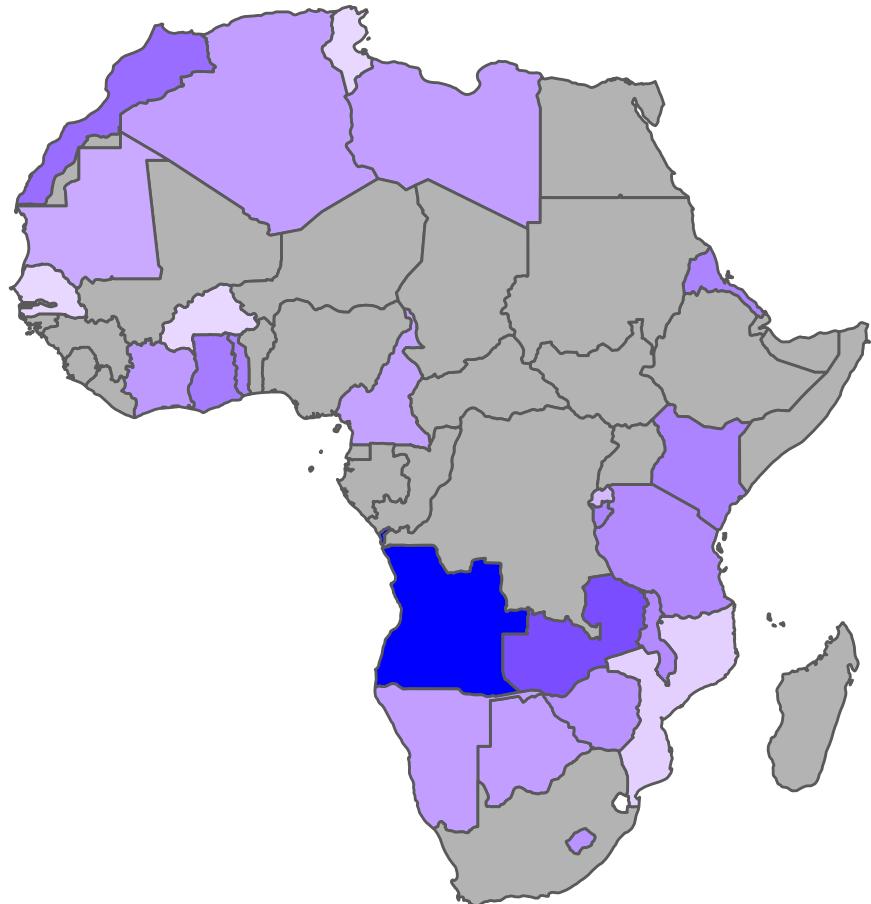
15000

10000

5000

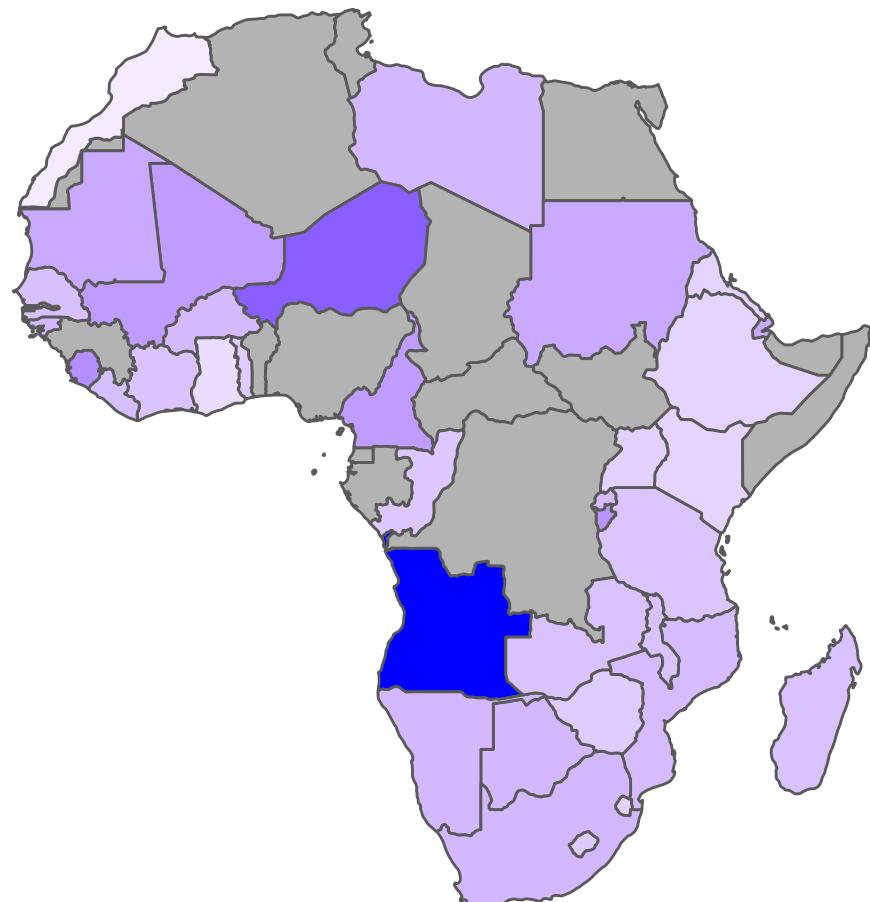
EPI benefits versus COVID–19 risks / childBenefitRiskRatio

RCV1 / EPI suspension period: 6 months / vaccine impact: lifetime



EPI benefits versus COVID–19 risks / childBenefitRiskRatio

RotaC / EPI suspension period: 6 months / vaccine impact: lifetime



benefit–risk ratio

12500

10000

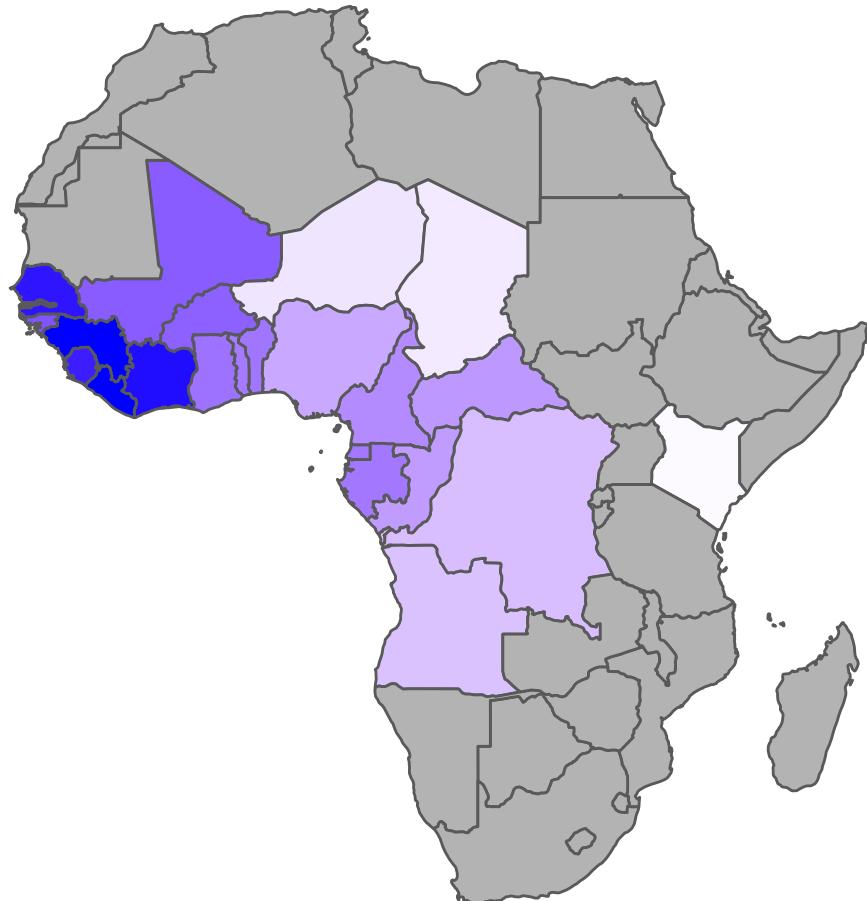
7500

5000

2500

EPI benefits versus COVID–19 risks / childBenefitRiskRatio

YFV / EPI suspension period: 6 months / vaccine impact: lifetime

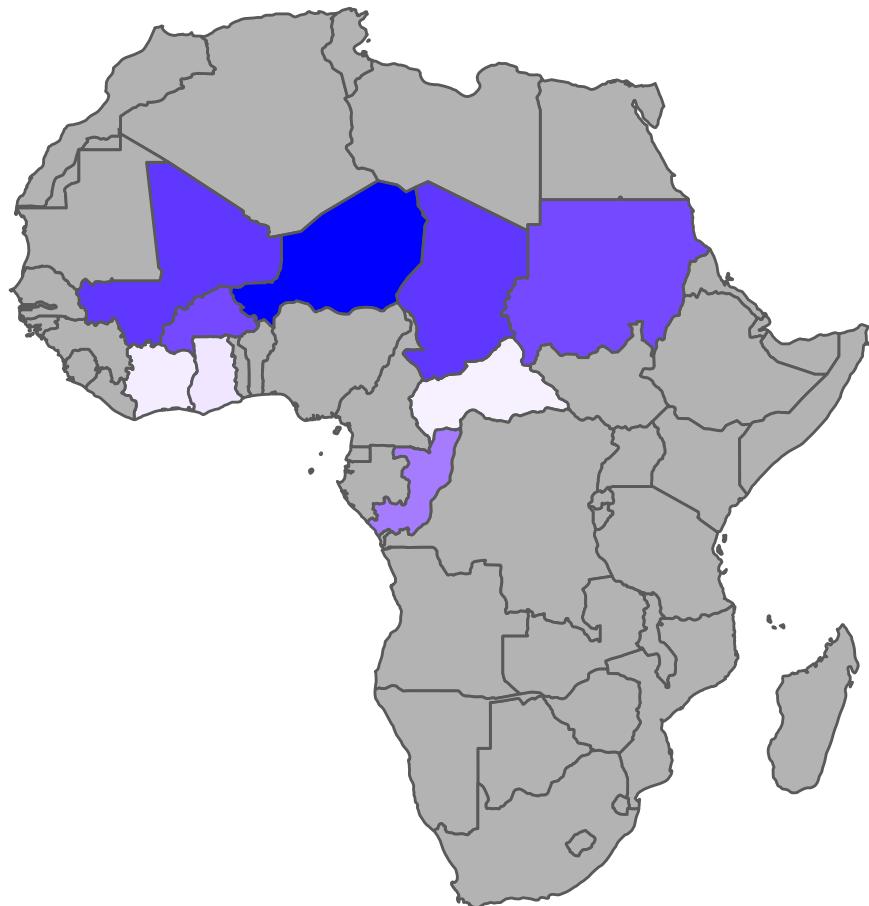


benefit–risk ratio

4e+05
3e+05
2e+05
1e+05

EPI benefits versus COVID–19 risks / childBenefitRiskRatio

MenA / EPI suspension period: 6 months / vaccine impact: lifetime



benefit–risk ratio

10000

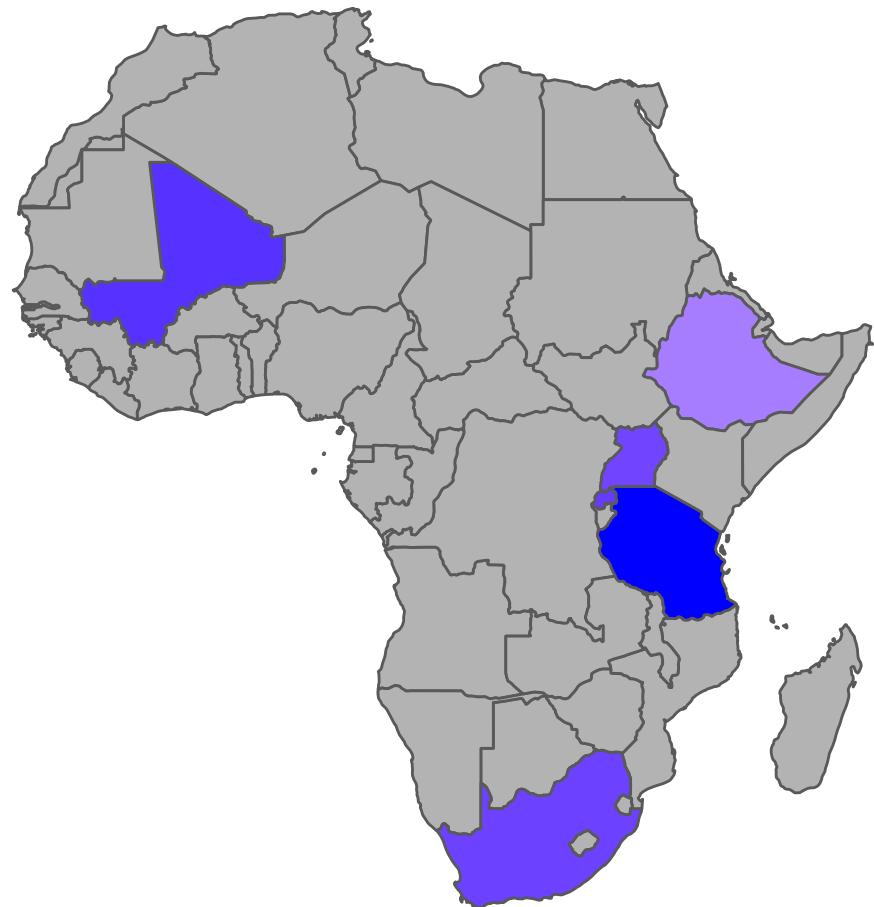
7500

5000

2500

EPI benefits versus COVID–19 risks / childBenefitRiskRatio

HPVfem / EPI suspension period: 6 months / vaccine impact: lifetime

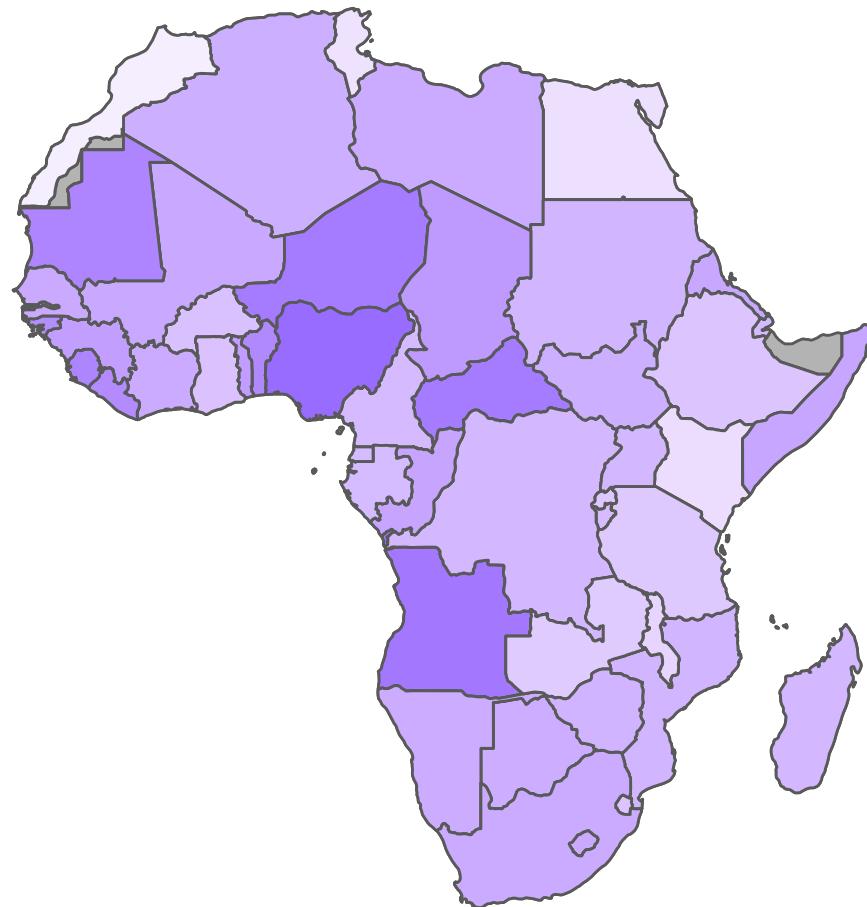


benefit–risk ratio

90000
80000
70000
60000

EPI benefits versus COVID–19 risks / childBenefitRiskRatio

HepB3, Hib3, PCV3, RotaC / EPI suspension period: 6 months / vaccine impact: lifetime



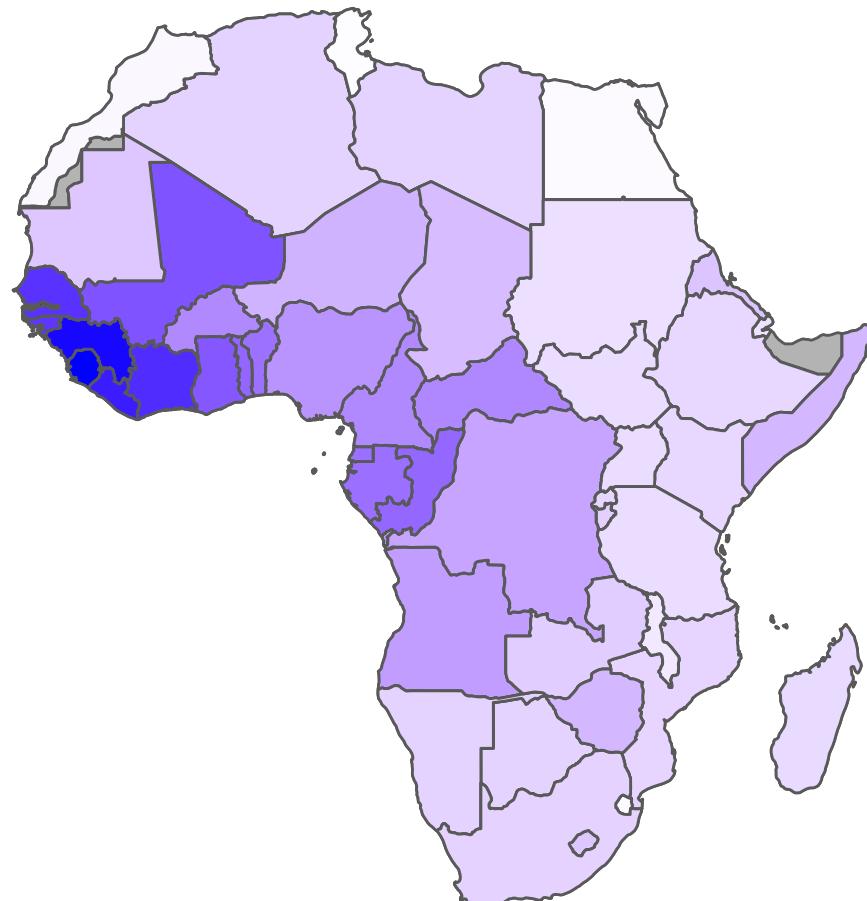
benefit–risk ratio

$1e+05$

$5e+04$

EPI benefits versus COVID–19 risks / childBenefitRiskRatio

MCV1, RCV1, MenA, YFV / EPI suspension period: 6 months / vaccine impact: lifetime

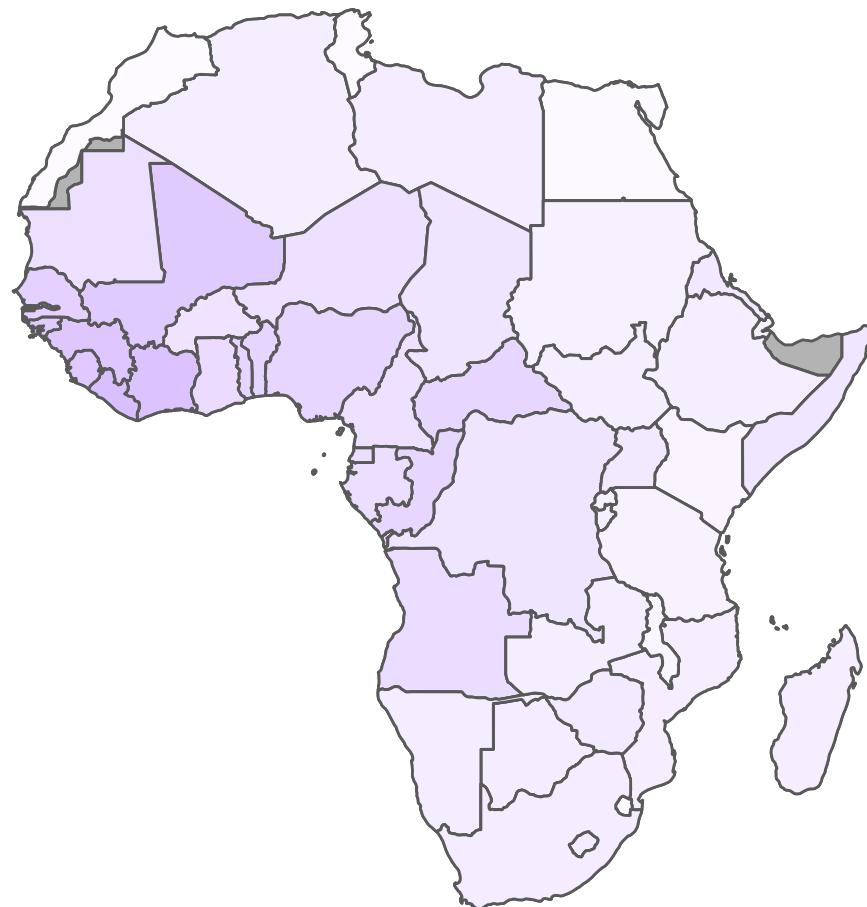


benefit–risk ratio

5e+05
4e+05
3e+05
2e+05
1e+05

EPI benefits versus COVID–19 risks / childBenefitRiskRatio

HepB3, Hib3, PCV3, RotaC, MCV1, RCV1, MenA, YFV, MCV2 / EPI suspension period: 6 months / vaccine impact: lifetime



benefit–risk ratio

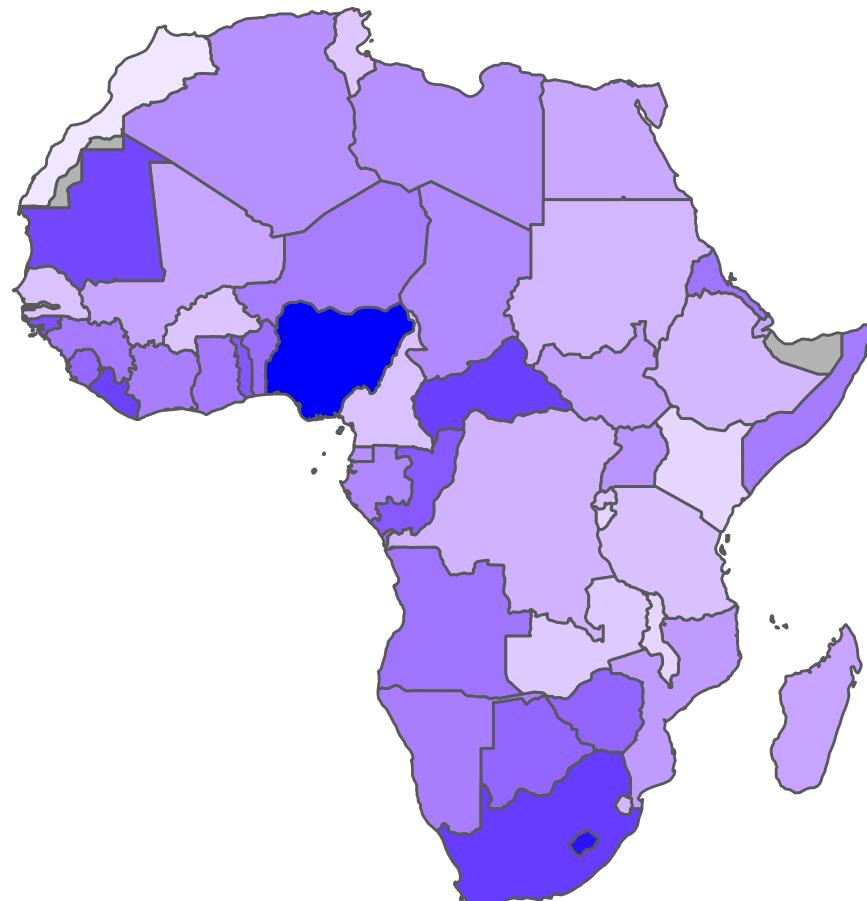
$6e+05$

$4e+05$

$2e+05$

EPI benefits versus COVID–19 risks / sibling_benefit_risk_ratio

HepB3 / EPI suspension period: 6 months / vaccine impact: lifetime



benefit–risk ratio

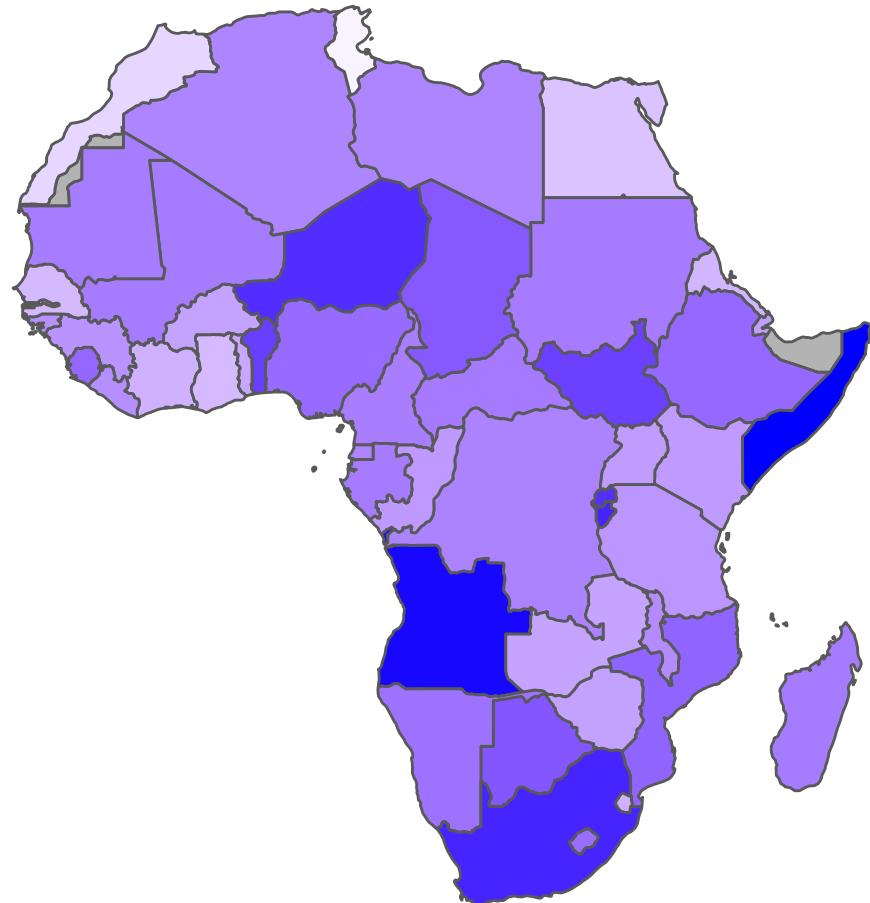
60000

40000

20000

EPI benefits versus COVID–19 risks / sibling_benefit_risk_ratio

Hib3 / EPI suspension period: 6 months / vaccine impact: lifetime

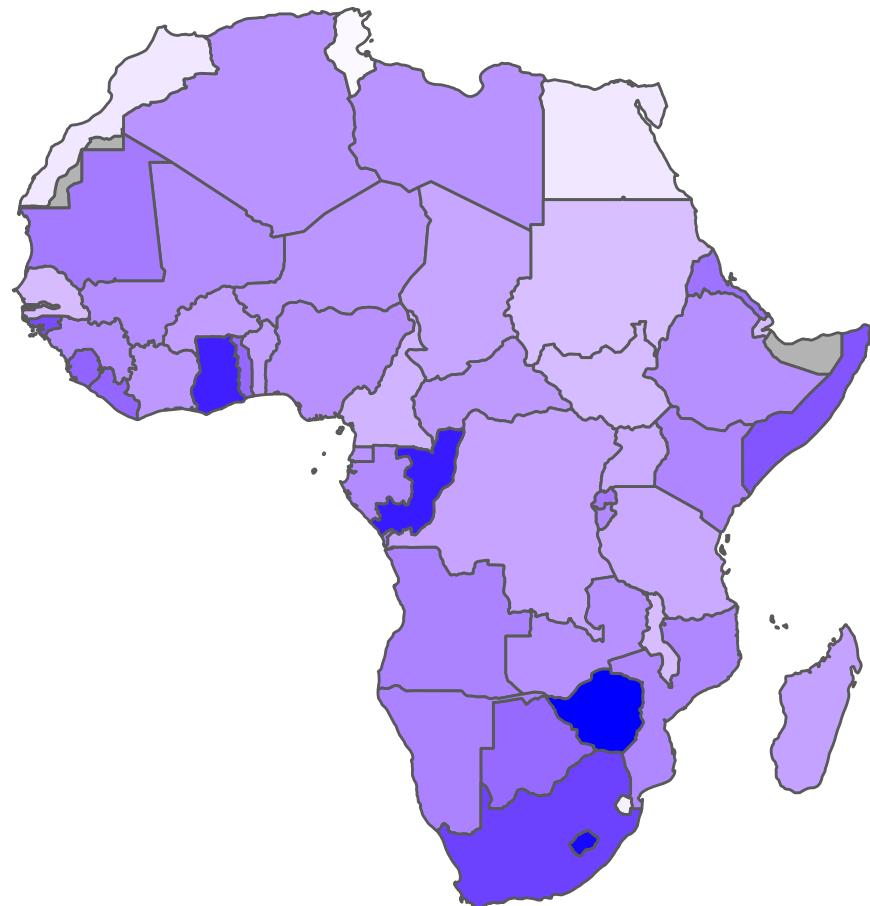


benefit–risk ratio

12500
10000
7500
5000
2500

EPI benefits versus COVID–19 risks / sibling_benefit_risk_ratio

MCV1 / EPI suspension period: 6 months / vaccine impact: lifetime



benefit–risk ratio

200000

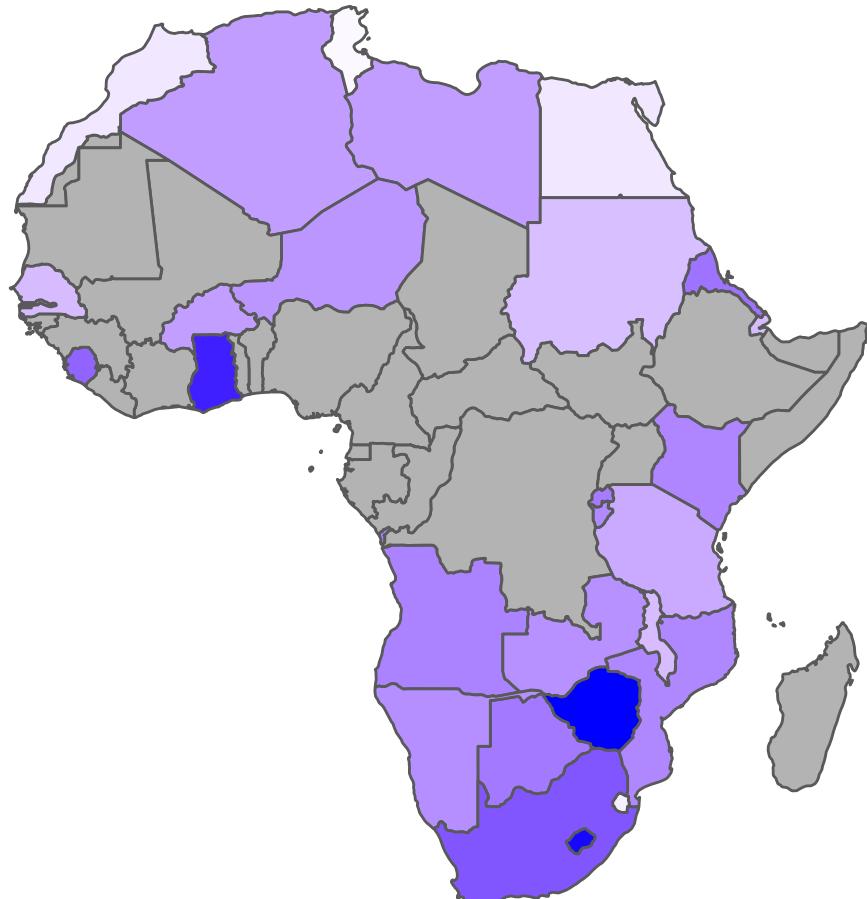
150000

100000

50000

EPI benefits versus COVID–19 risks / sibling_benefit_risk_ratio

MCV2 / EPI suspension period: 6 months / vaccine impact: lifetime

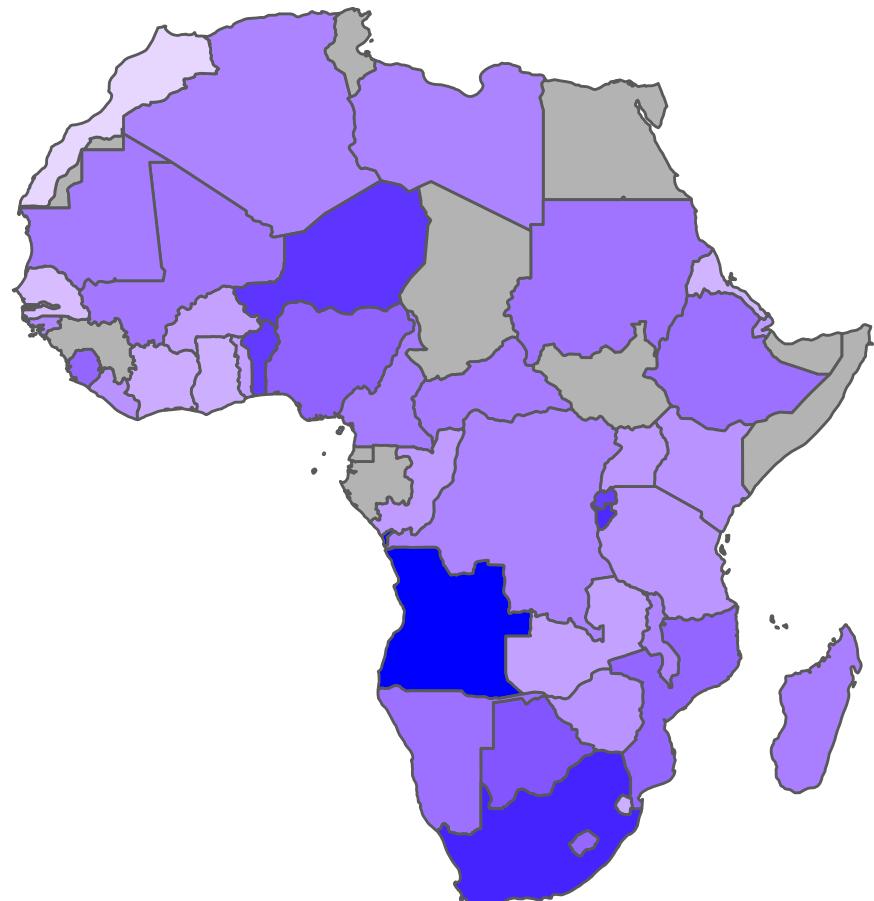


benefit–risk ratio

8000
6000
4000
2000

EPI benefits versus COVID–19 risks / sibling_benefit_risk_ratio

PCV3 / EPI suspension period: 6 months / vaccine impact: lifetime



benefit–risk ratio

10000

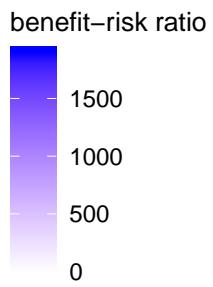
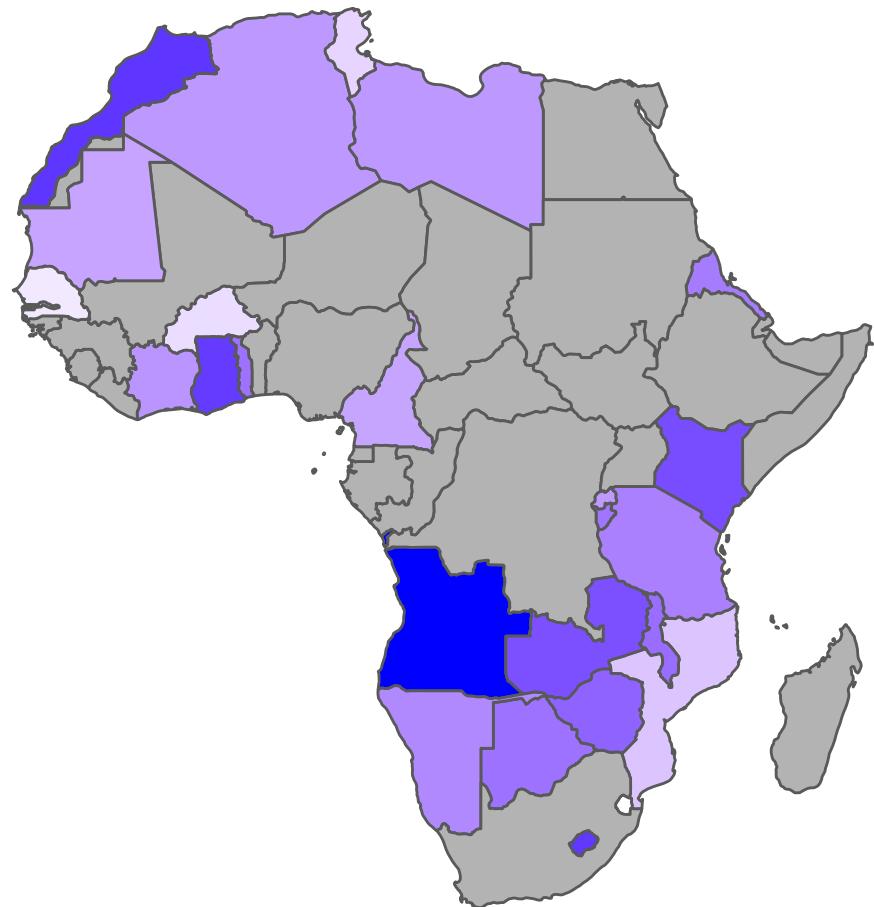
7500

5000

2500

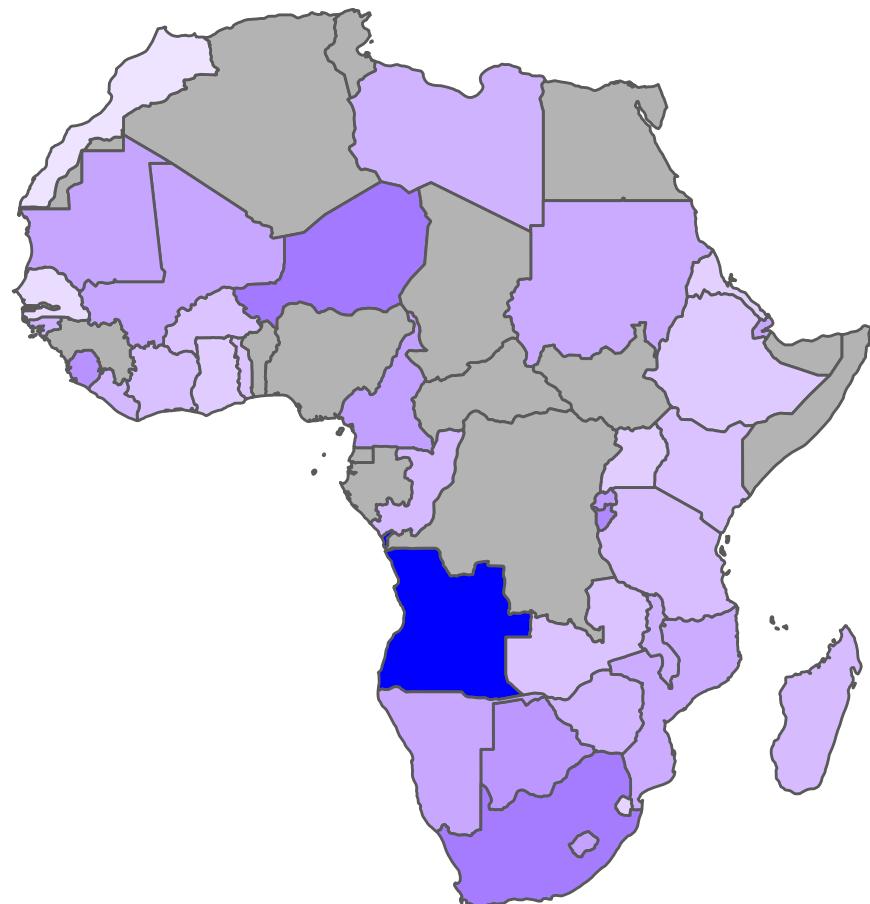
EPI benefits versus COVID–19 risks / siblingBenefitRiskRatio

RCV1 / EPI suspension period: 6 months / vaccine impact: lifetime

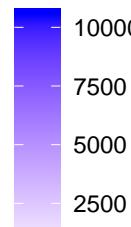


EPI benefits versus COVID–19 risks / sibling_benefit_risk_ratio

RotaC / EPI suspension period: 6 months / vaccine impact: lifetime

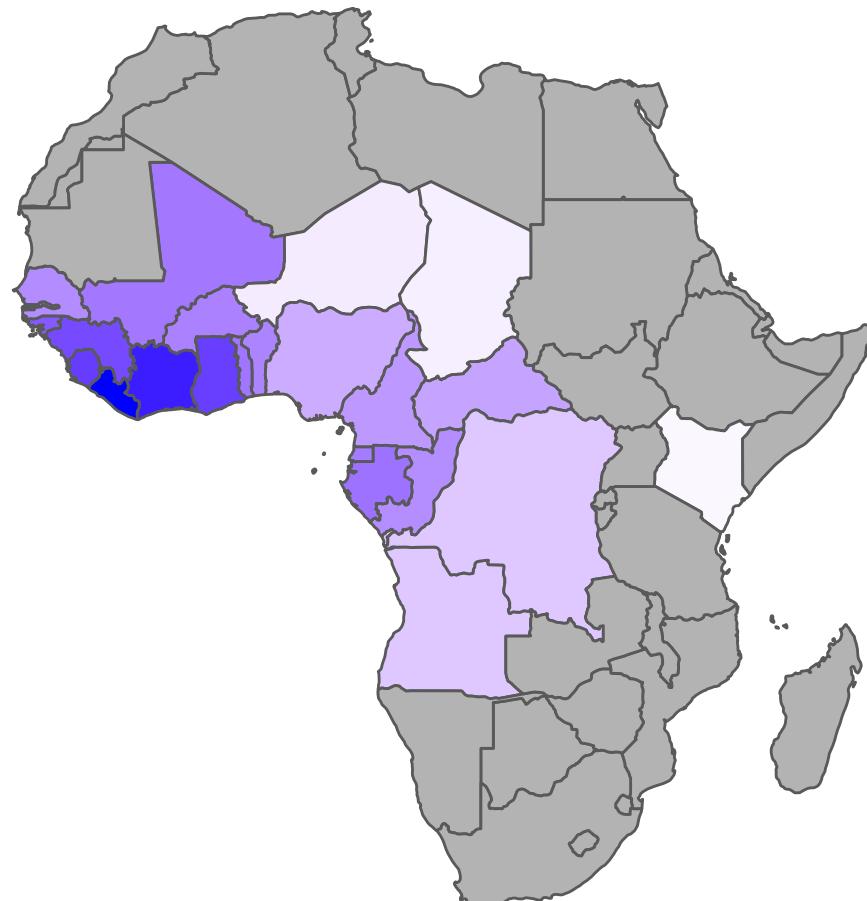


benefit–risk ratio



EPI benefits versus COVID–19 risks / siblingBenefitRiskRatio

YFV / EPI suspension period: 6 months / vaccine impact: lifetime



benefit–risk ratio

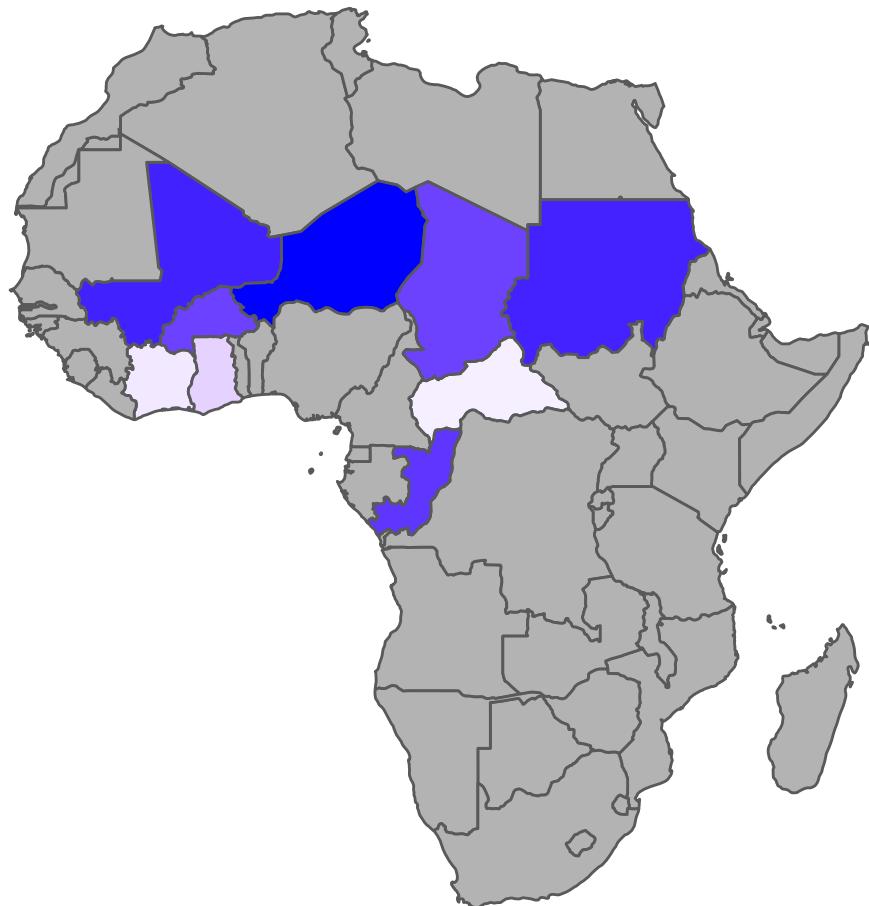
3e+05

2e+05

1e+05

EPI benefits versus COVID–19 risks / sibling_benefit_risk_ratio

MenA / EPI suspension period: 6 months / vaccine impact: lifetime



benefit–risk ratio

6000

4000

2000

EPI benefits versus COVID–19 risks / sibling_benefit_risk_ratio

HPVfem / EPI suspension period: 6 months / vaccine impact: lifetime

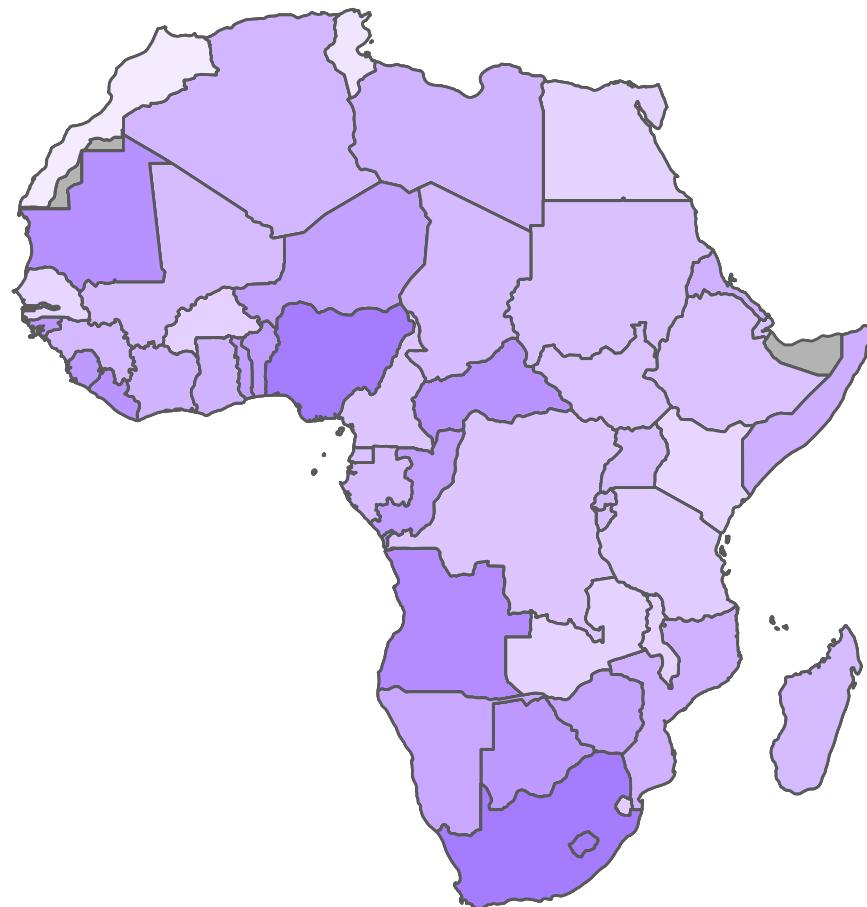


benefit–risk ratio

120000
100000
80000
60000

EPI benefits versus COVID–19 risks / sibling_benefit_risk_ratio

HepB3, Hib3, PCV3, RotaC / EPI suspension period: 6 months / vaccine impact: lifetime



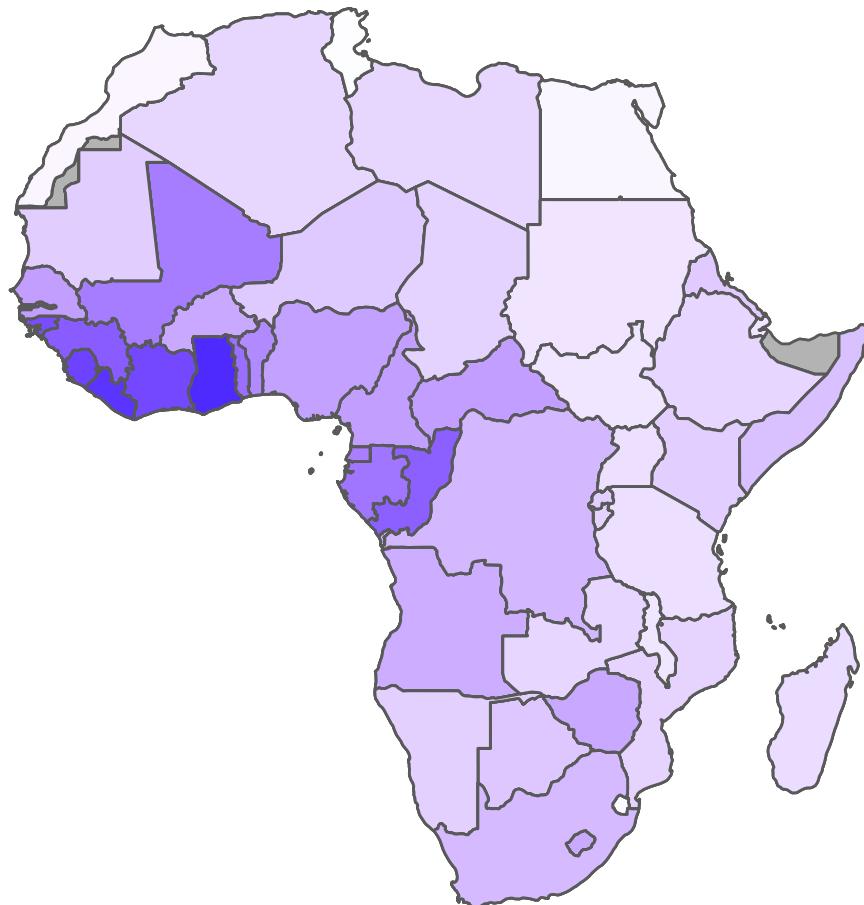
benefit–risk ratio

1e+05

5e+04

EPI benefits versus COVID–19 risks / siblingBenefitRiskRatio

MCV1, RCV1, MenA, YFV / EPI suspension period: 6 months / vaccine impact: lifetime



benefit–risk ratio

5e+05
4e+05
3e+05
2e+05
1e+05

EPI benefits versus COVID–19 risks / sibling_benefit_risk_ratio

HepB3, Hib3, PCV3, RotaC, MCV1, RCV1, MenA, YFV, MCV2 / EPI suspension period: 6 months / vaccine impact: lifetime



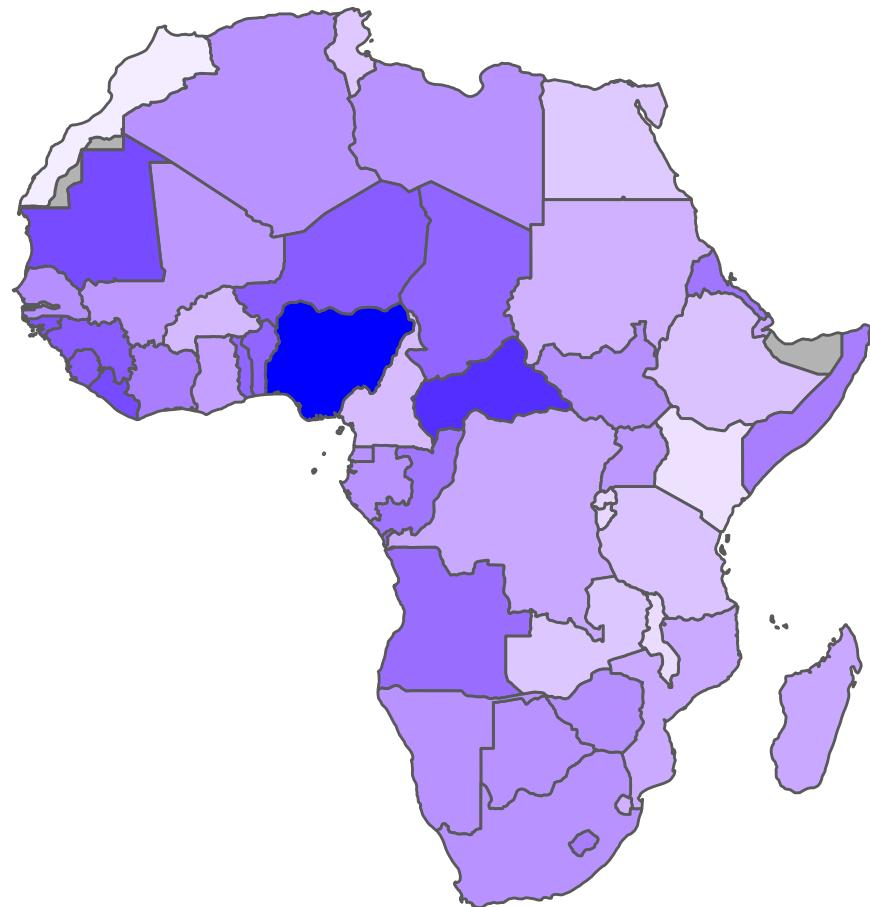
benefit–risk ratio

$1e+06$

$5e+05$

EPI benefits versus COVID–19 risks / parent_benefit_risk_ratio

HepB3 / EPI suspension period: 6 months / vaccine impact: lifetime



benefit–risk ratio

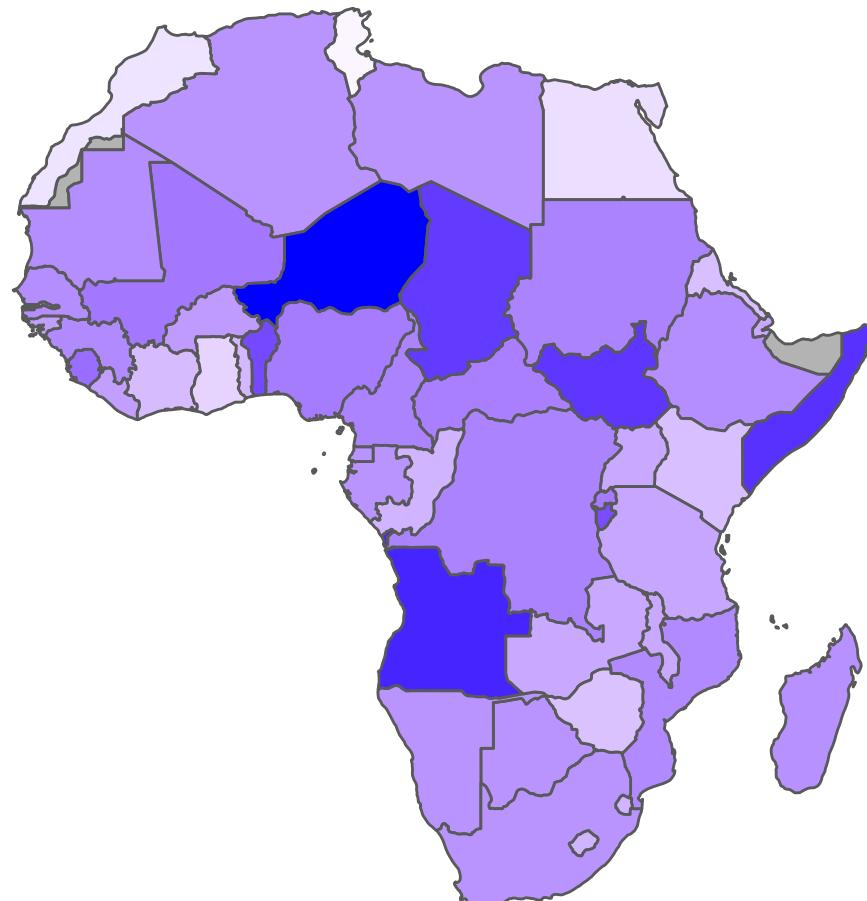
1500

1000

500

EPI benefits versus COVID–19 risks / parent_benefit_risk_ratio

Hib3 / EPI suspension period: 6 months / vaccine impact: lifetime

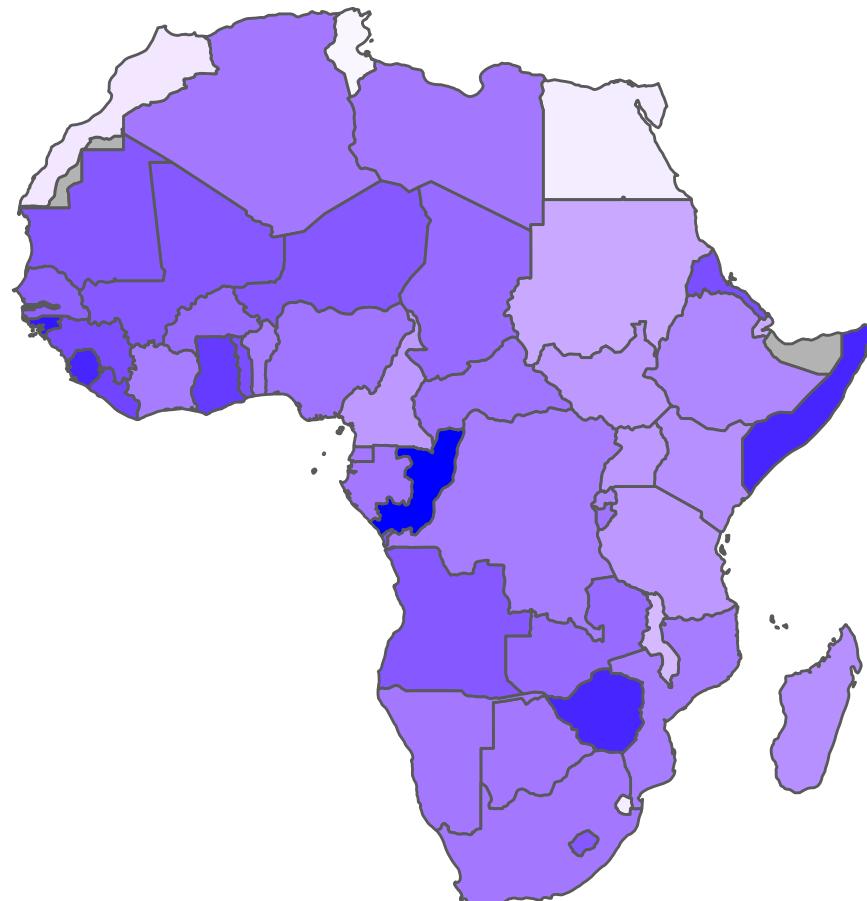


benefit–risk ratio

400
300
200
100

EPI benefits versus COVID–19 risks / parentBenefitRiskRatio

MCV1 / EPI suspension period: 6 months / vaccine impact: lifetime



benefit–risk ratio

4000

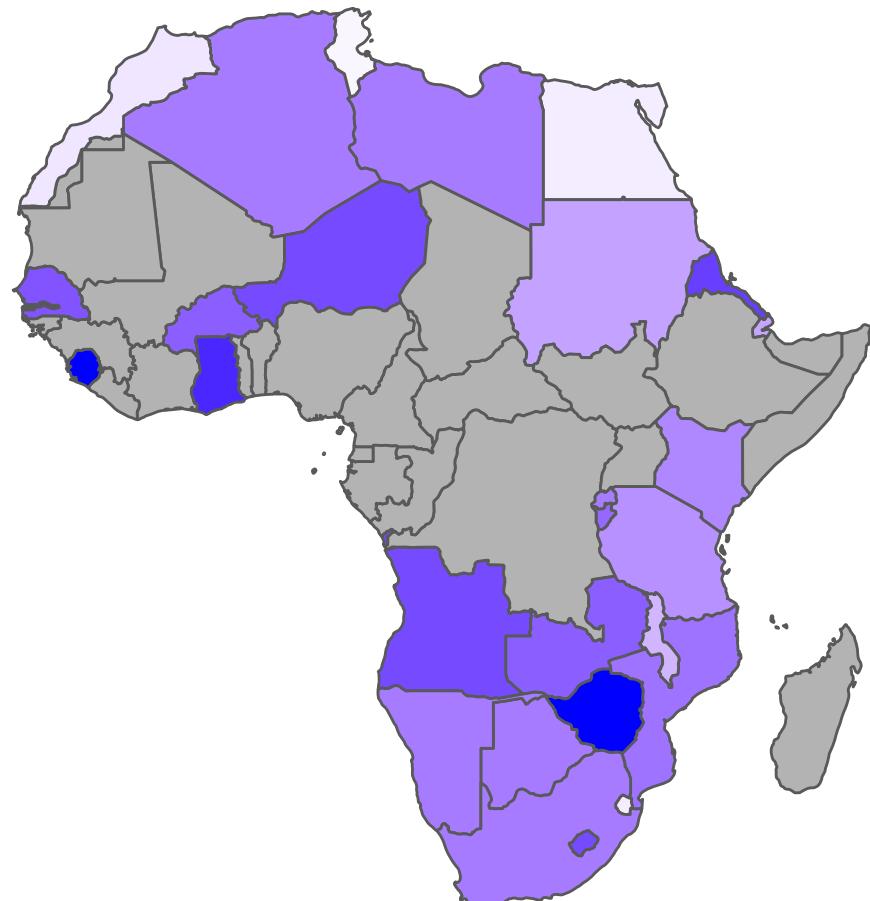
3000

2000

1000

EPI benefits versus COVID–19 risks / parentBenefitRiskRatio

MCV2 / EPI suspension period: 6 months / vaccine impact: lifetime



benefit–risk ratio

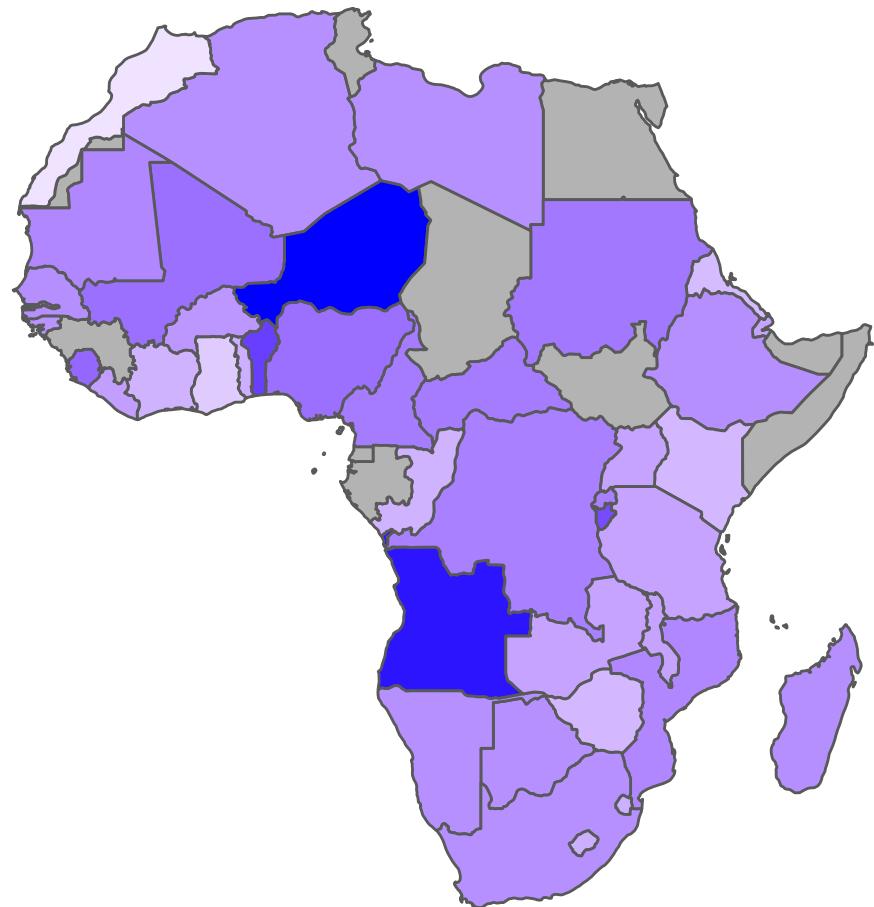
150

100

50

EPI benefits versus COVID–19 risks / parentBenefitRiskRatio

PCV3 / EPI suspension period: 6 months / vaccine impact: lifetime



benefit–risk ratio

400

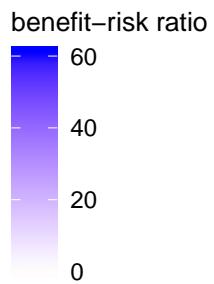
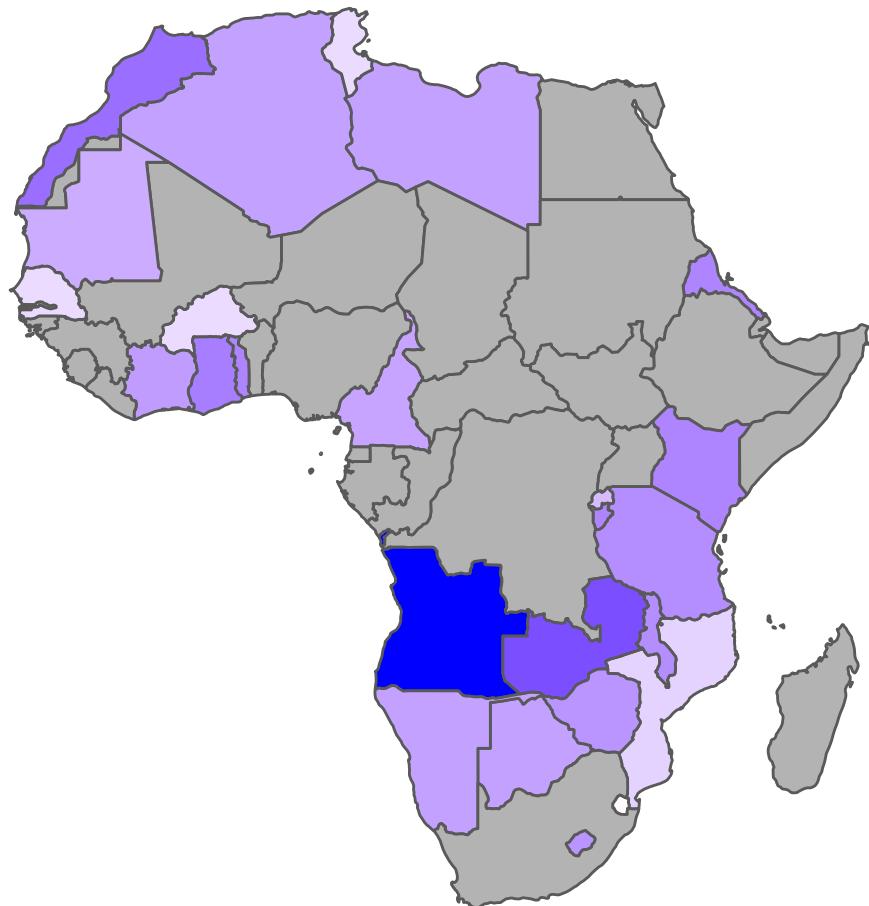
300

200

100

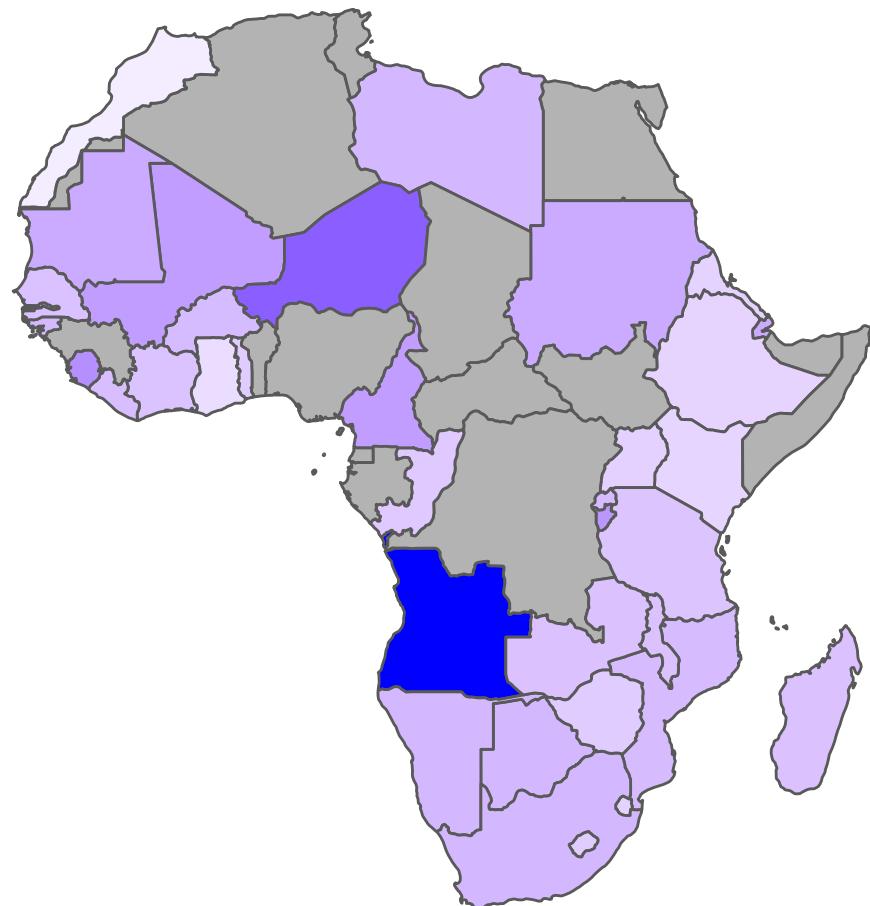
EPI benefits versus COVID–19 risks / parentBenefitRiskRatio

RCV1 / EPI suspension period: 6 months / vaccine impact: lifetime



EPI benefits versus COVID–19 risks / parentBenefitRiskRatio

RotaC / EPI suspension period: 6 months / vaccine impact: lifetime



benefit–risk ratio

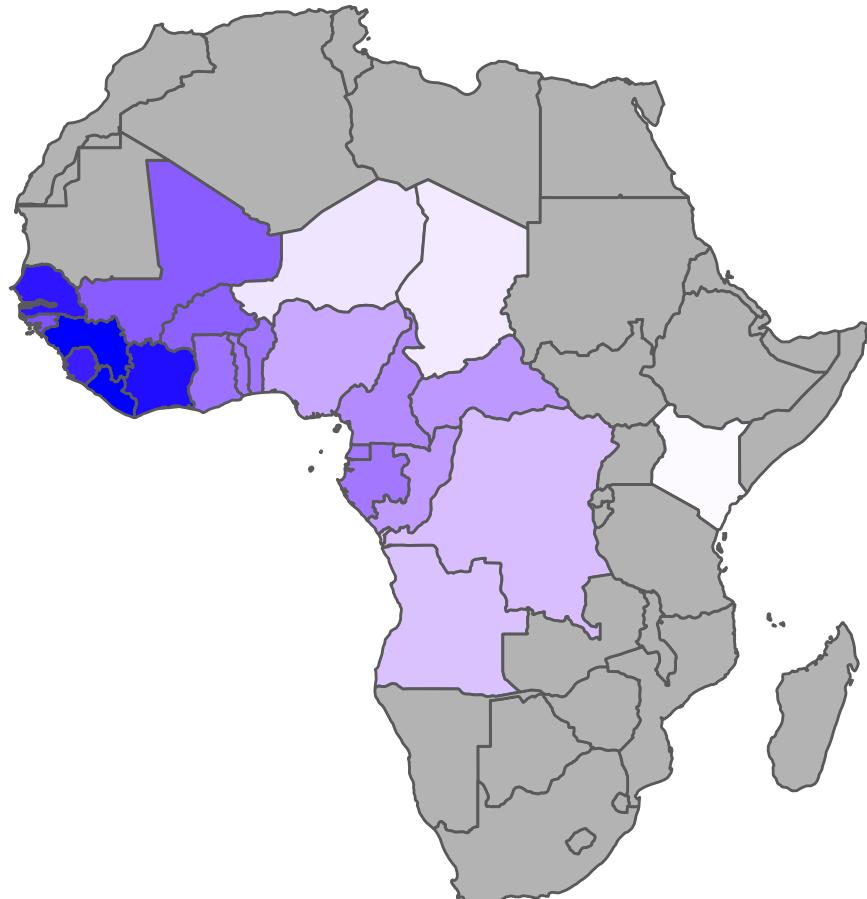
300

200

100

EPI benefits versus COVID–19 risks / parentBenefitRiskRatio

YFV / EPI suspension period: 6 months / vaccine impact: lifetime

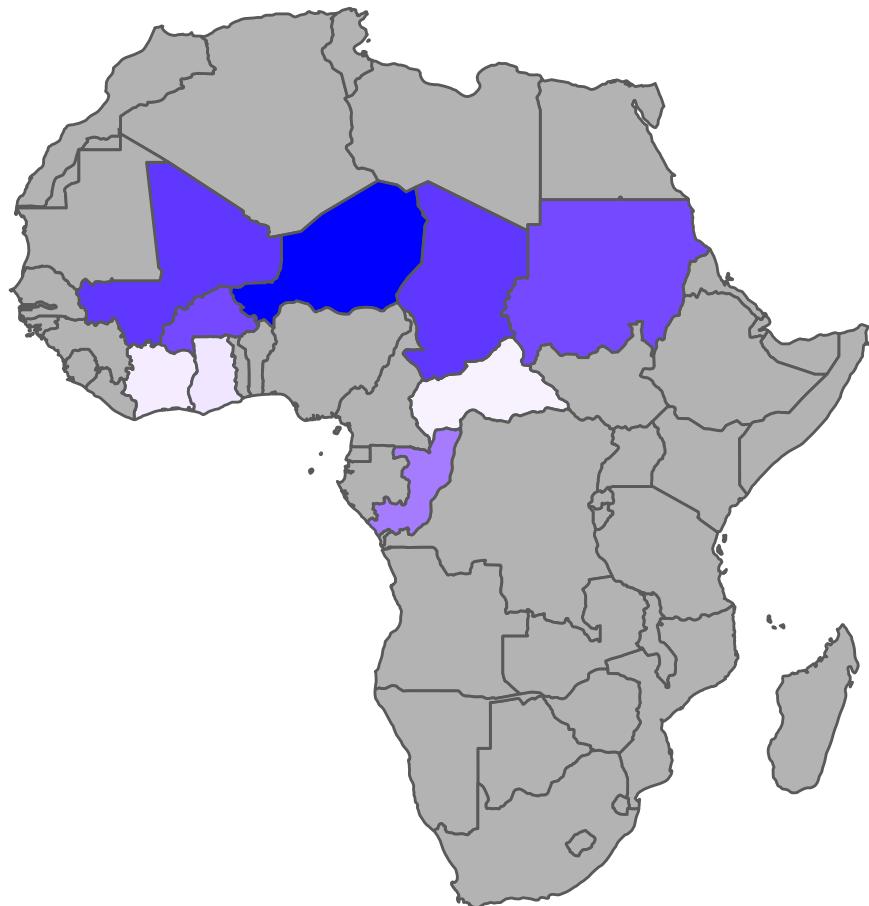


benefit–risk ratio

10000
7500
5000
2500

EPI benefits versus COVID–19 risks / parent_benefit_risk_ratio

MenA / EPI suspension period: 6 months / vaccine impact: lifetime



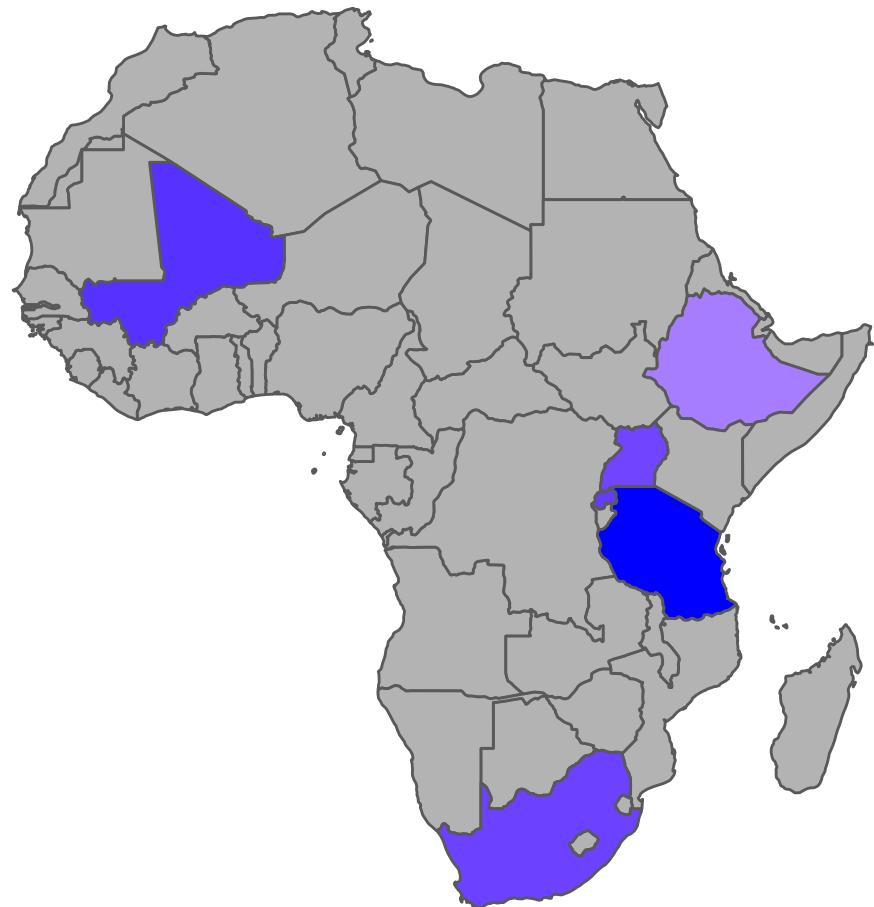
benefit–risk ratio

200

100

EPI benefits versus COVID–19 risks / parentBenefitRiskRatio

HPVfem / EPI suspension period: 6 months / vaccine impact: lifetime

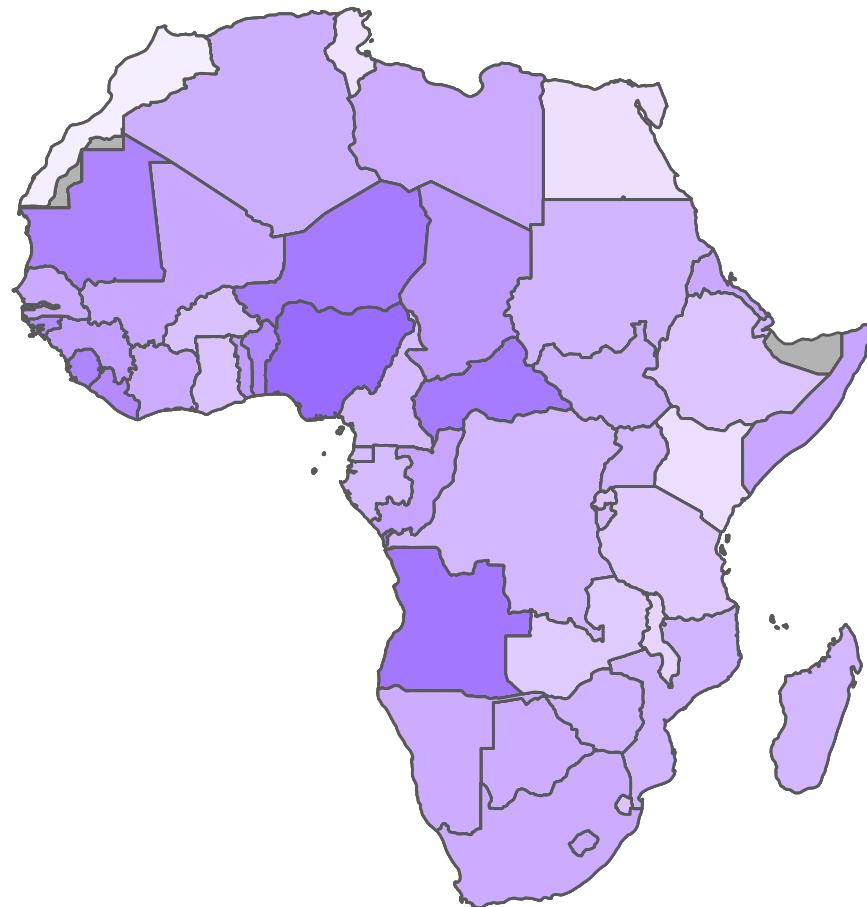


benefit–risk ratio

2500
2250
2000
1750
1500

EPI benefits versus COVID–19 risks / parentBenefitRiskRatio

HepB3, Hib3, PCV3, RotaC / EPI suspension period: 6 months / vaccine impact: lifetime



benefit–risk ratio

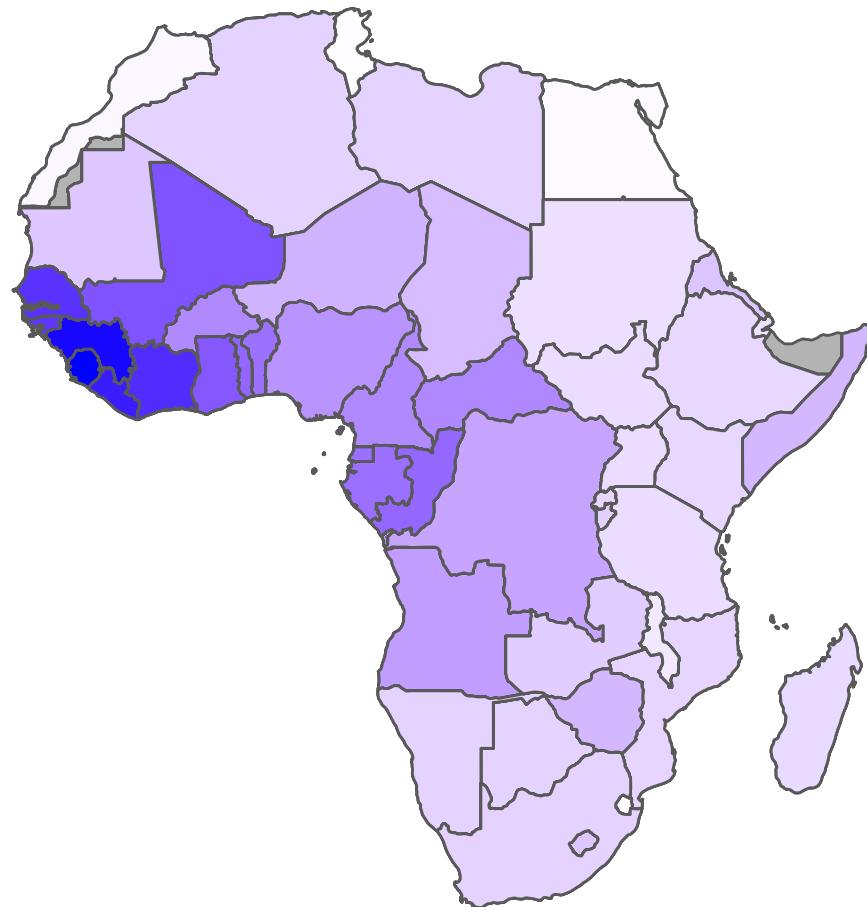
3000

2000

1000

EPI benefits versus COVID–19 risks / parentBenefitRiskRatio

MCV1, RCV1, MenA, YFV / EPI suspension period: 6 months / vaccine impact: lifetime



benefit–risk ratio

10000

5000

EPI benefits versus COVID–19 risks / parentBenefitRiskRatio

HepB3, Hib3, PCV3, RotaC, MCV1, RCV1, MenA, YFV, MCV2 / EPI suspension period: 6 months / vaccine impact: lifetime



benefit–risk ratio

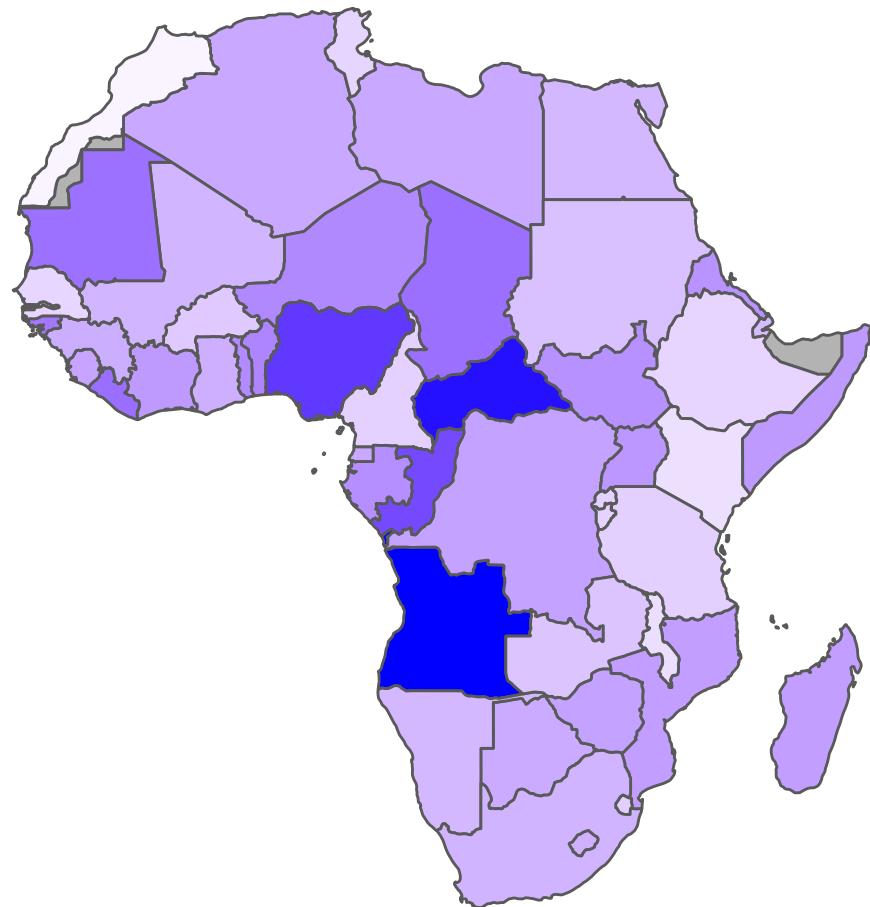
60000

40000

20000

EPI benefits versus COVID–19 risks / grandparent_benefit_risk_ratio

HepB3 / EPI suspension period: 6 months / vaccine impact: lifetime

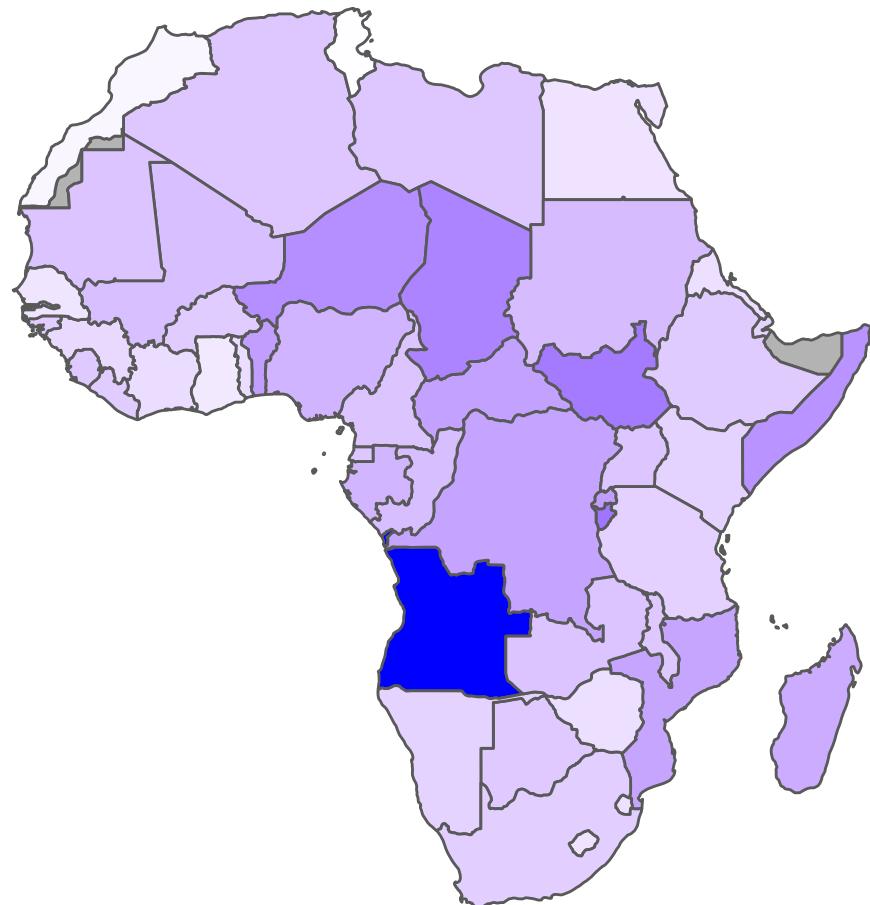


benefit–risk ratio

160
120
80
40

EPI benefits versus COVID–19 risks / grandparent_benefit_risk_ratio

Hib3 / EPI suspension period: 6 months / vaccine impact: lifetime

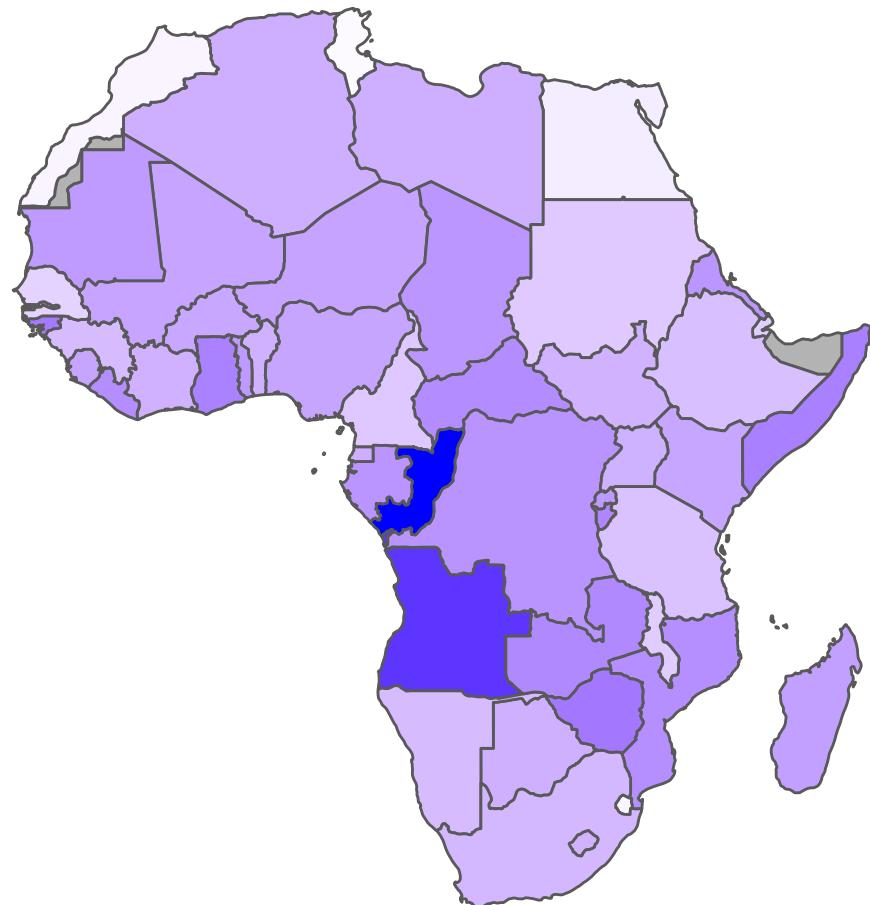


benefit–risk ratio

60
50
40
30
20
10

EPI benefits versus COVID–19 risks / grandparent_benefit_risk_ratio

MCV1 / EPI suspension period: 6 months / vaccine impact: lifetime

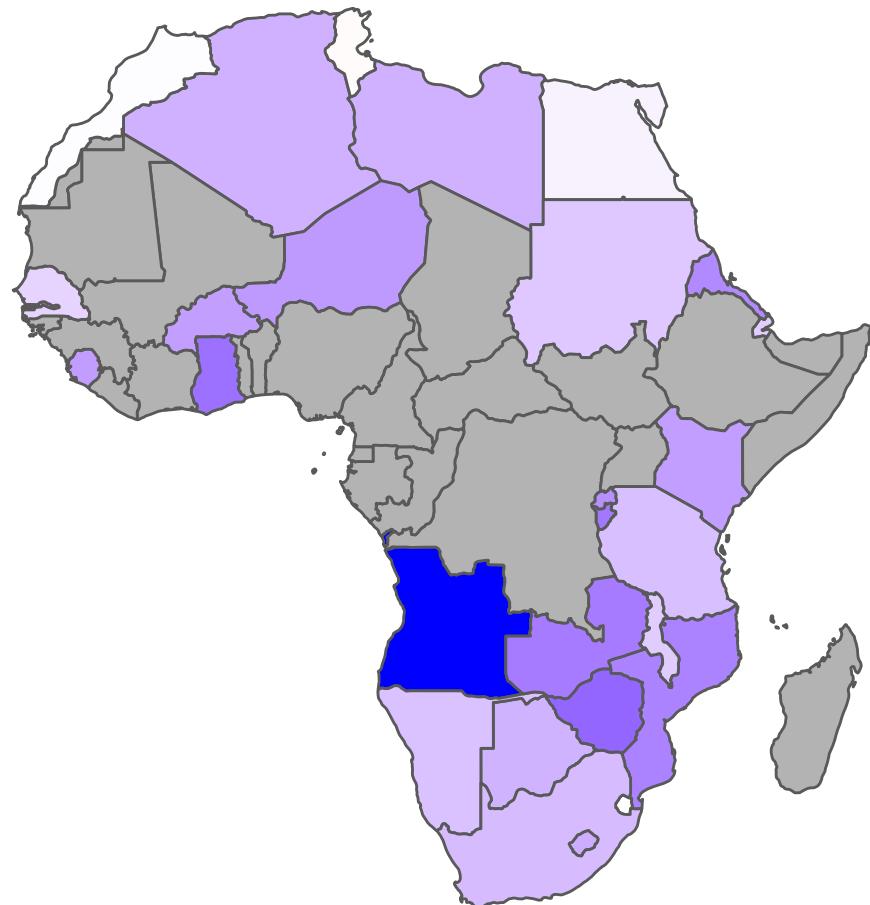


benefit–risk ratio

500
400
300
200
100

EPI benefits versus COVID–19 risks / grandparent_benefit_risk_ratio

MCV2 / EPI suspension period: 6 months / vaccine impact: lifetime

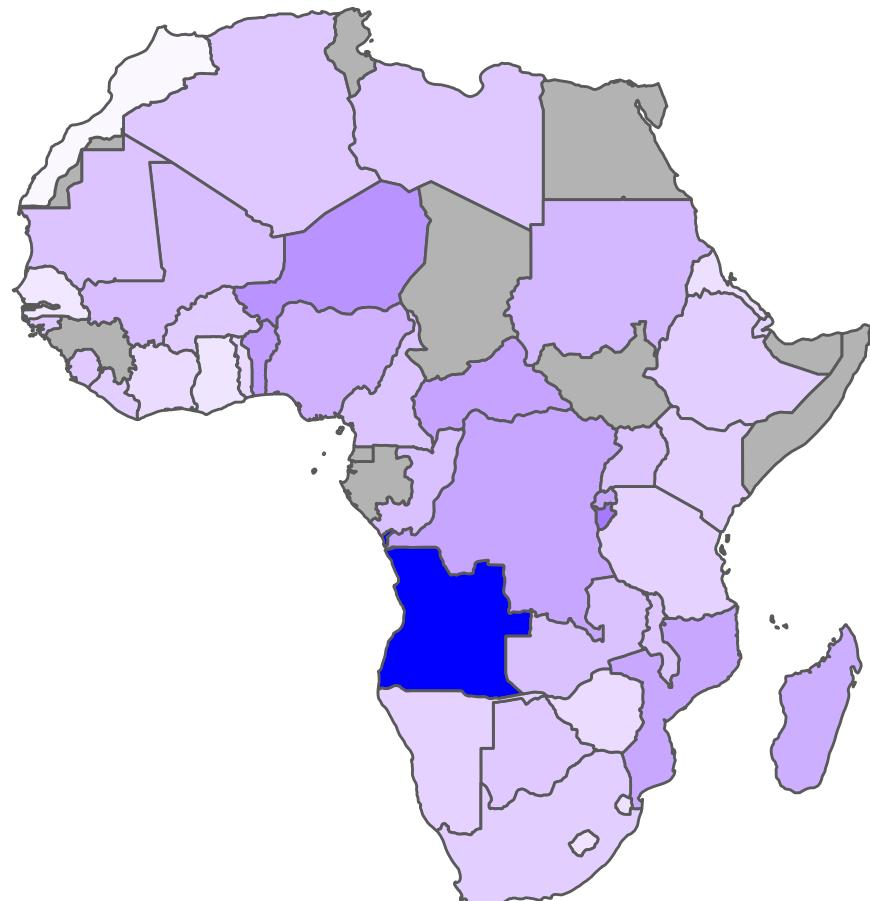


benefit–risk ratio

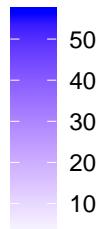
20
15
10
5

EPI benefits versus COVID–19 risks / grandparent_benefit_risk_ratio

PCV3 / EPI suspension period: 6 months / vaccine impact: lifetime



benefit–risk ratio



EPI benefits versus COVID–19 risks / grandparent_benefit_risk_ratio

RCV1 / EPI suspension period: 6 months / vaccine impact: lifetime

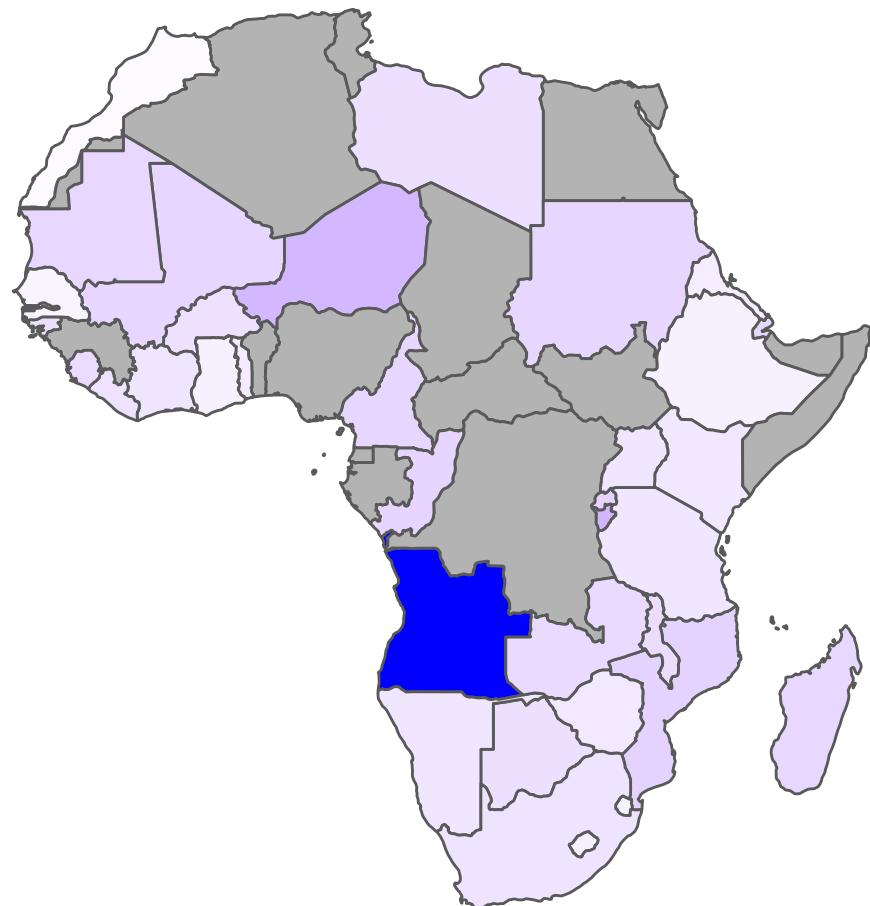


benefit–risk ratio

8
6
4
2
0

EPI benefits versus COVID–19 risks / grandparent_benefit_risk_ratio

RotaC / EPI suspension period: 6 months / vaccine impact: lifetime



benefit–risk ratio

40

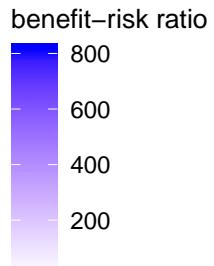
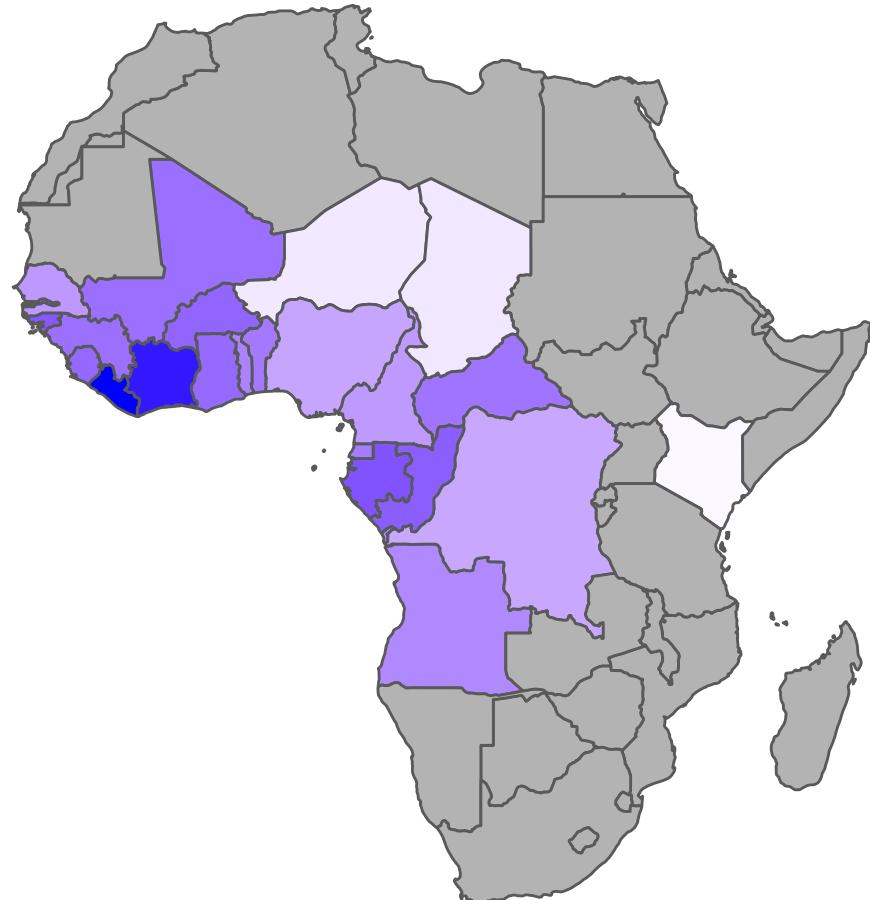
30

20

10

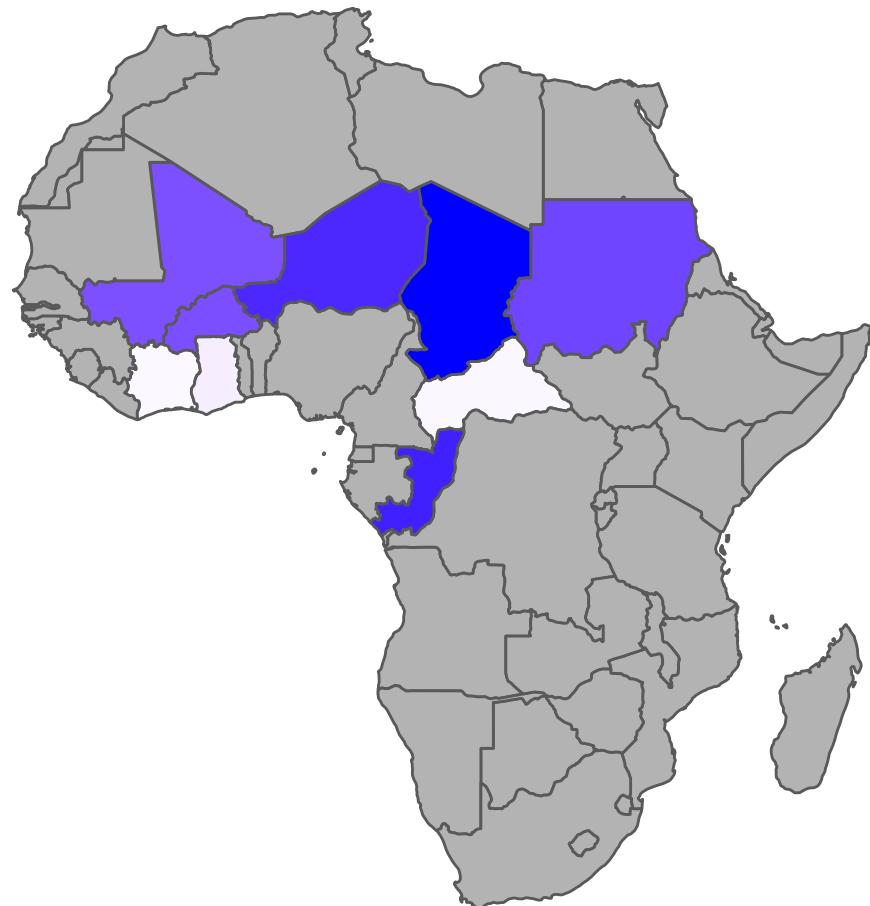
EPI benefits versus COVID–19 risks / grandparent_benefit_risk_ratio

YFV / EPI suspension period: 6 months / vaccine impact: lifetime



EPI benefits versus COVID–19 risks / grandparent_benefit_risk_ratio

MenA / EPI suspension period: 6 months / vaccine impact: lifetime

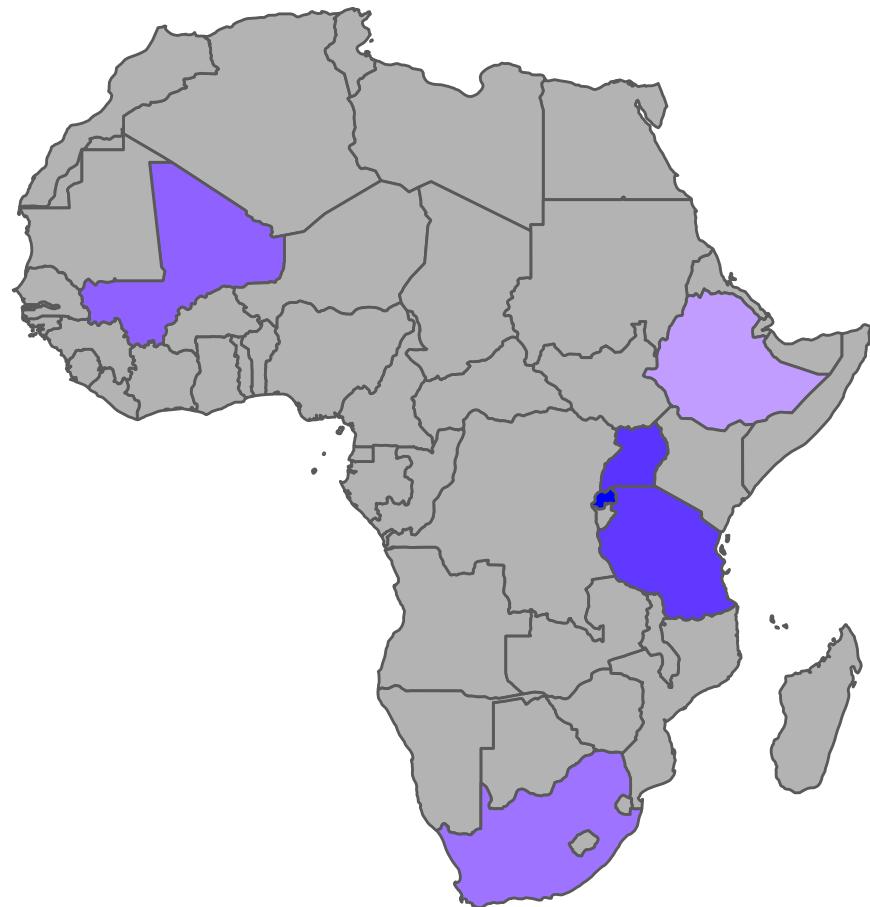


benefit–risk ratio

Dark Blue	20
Medium Blue	15
Purple	10
Light Purple	5

EPI benefits versus COVID–19 risks / grandparent_benefit_risk_ratio

HPVfem / EPI suspension period: 6 months / vaccine impact: lifetime

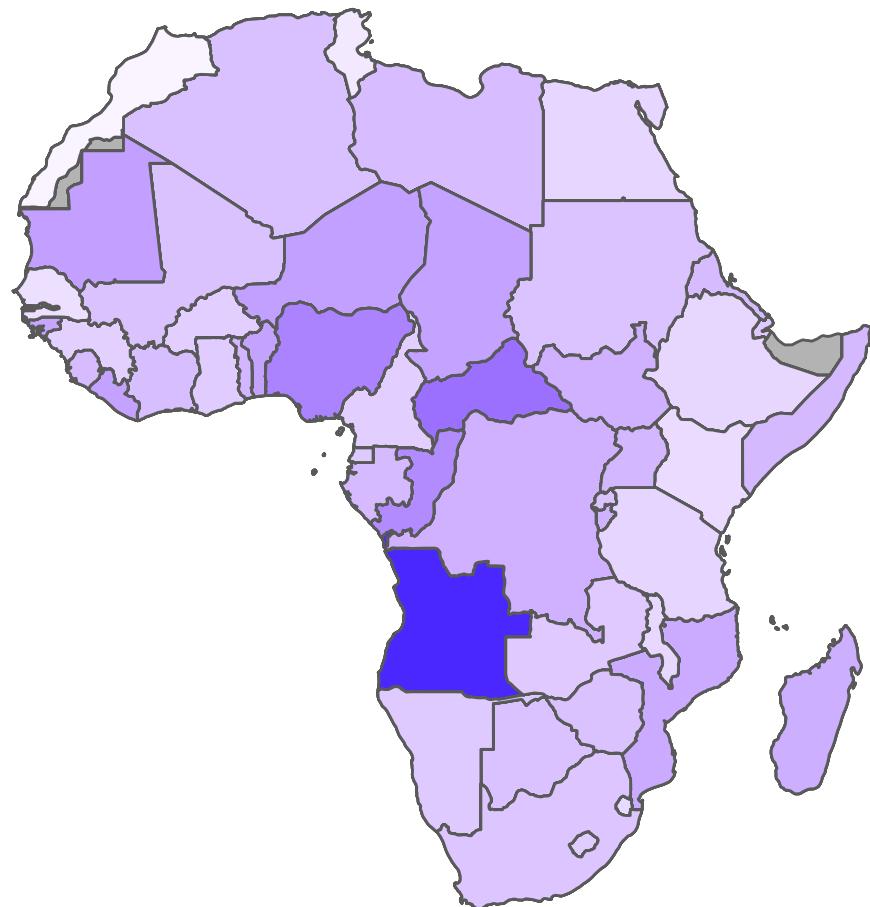


benefit–risk ratio

210
180
150
120

EPI benefits versus COVID–19 risks / grandparentBenefitRiskRatio

HepB3, Hib3, PCV3, RotaC / EPI suspension period: 6 months / vaccine impact: lifetime



benefit–risk ratio

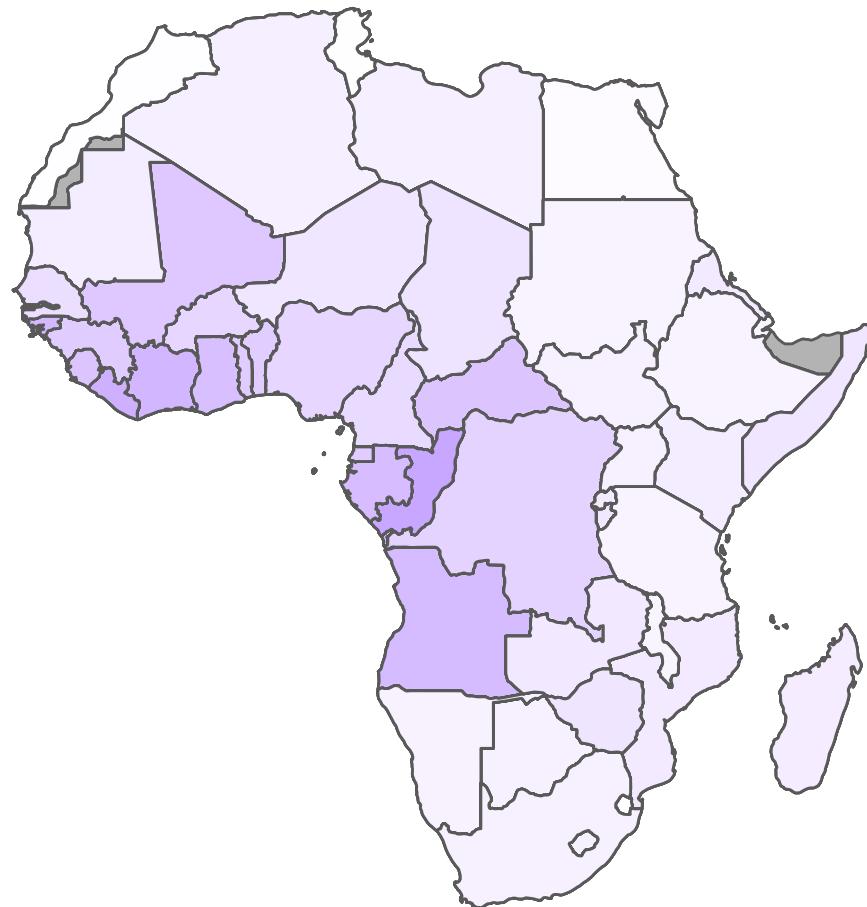
300

200

100

EPI benefits versus COVID–19 risks / grandparentBenefitRiskRatio

MCV1, RCV1, MenA, YFV / EPI suspension period: 6 months / vaccine impact: lifetime



benefit–risk ratio

3000

2000

1000

EPI benefits versus COVID–19 risks / grandparentBenefitRiskRatio

HepB3, Hib3, PCV3, RotaC, MCV1, RCV1, MenA, YFV, MCV2 / EPI suspension period: 6 months / vaccine impact: lifetime



benefit–risk ratio

15000

10000

5000