Online Appendix 1: Wavelet coherence results

**North African Countries**

![Wavelet coherence between education inequality and malnutrition: Algeria](image1)

![Wavelet coherence between education inequality and malnutrition: Egypt](image2)

![Wavelet coherence between education inequality and malnutrition: Morocco](image3)

![Wavelet coherence between education inequality and malnutrition: Tunisia](image4)

**Southern and Central African Countries**

![Wavelet coherence between education inequality and malnutrition: South Africa](image5)

![Wavelet coherence between education inequality and malnutrition: Eswatini](image6)

![Wavelet coherence between education inequality and malnutrition: Namibia](image7)

![Wavelet coherence between education inequality and malnutrition: Zambia](image8)

**Figure 1-A1**: Wavelet coherence between education inequality and malnutrition: (a) Algeria; (b) Egypt; (c) Morocco; (d) Tunisia; (e) South Africa; (f) Eswatini; (g) Namibia; (h) Zambia; (i) Zimbabwe; (j) Botswana; (k) Lesotho; (l) Cameroon; (m) Rwanda; (n) Uganda; (o) Tanzania; (p) Mauritius; (q) Mozambique; (r) Malawi; (s) Kenya; (t) Burundi; (u) Cote d'Ivoire; (v) Senegal; (w) Mauritania; (x) Mali; (y) Liberia; (z) Ghana; (aa) Gambia; (ab) Benin.

Figure 1-A1 continues on the next page →
FIGURE 1–A1 (Continues...): Wavelet coherence between education inequality and malnutrition: (a) Algeria; (b) Egypt; (c) Morocco; (d) Tunisia; (e) South Africa; (f) Eswatini; (g) Namibia; (h) Zambia; (i) Zimbabwe; (j) Botswana; (k) Lesotho; (l) Cameroon; (m) Rwanda; (n) Uganda; (o) Tanzania; (p) Mauritius; (q) Mozambique; (r) Malawi; (s) Kenya; (t) Burundi; (u) Cote d’Ivoire; (v) Senegal; (w) Mauritania; (x) Mali; (y) Liberia; (z) Ghana; (aa) Gambia; (ab) Benin.

Figure 1-A1 continues on the next page →
FIGURE 1–A1 (Continues...): Wavelet coherence between education inequality and malnutrition: (a) Algeria; (b) Egypt; (c) Morocco; (d) Tunisia; (e) South Africa; (f) Eswatini; (g) Namibia; (h) Zambia; (i) Zimbabwe; (j) Botswana; (k) Lesotho; (l) Cameroon; (m) Rwanda; (n) Uganda; (o) Tanzania; (p) Mauritius; (q) Mozambique; (r) Malawi; (s) Kenya; (t) Burundi; (u) Côte d’Ivoire; (v) Senegal; (w) Mauritania; (x) Mali; (y) Liberia; (z) Ghana; (aa) Gambia; (ab) Benin.
West African Countries

Liberia: Education Gini vs Malnutrition

Ghana: Education Gini vs Malnutrition

Gambia: Education Gini vs Malnutrition

Benin: Education Gini vs Malnutrition

FIGURE 1–A1 (Continues...): Wavelet coherence between education inequality and malnutrition: (a) Algeria; (b) Egypt; (c) Morocco; (d) Tunisia; (e) South Africa; (f) Eswatini; (g) Namibia; (h) Zambia; (i) Zimbabwe; (j) Botswana; (k) Lesotho; (l) Cameroon; (m) Rwanda; (n) Uganda; (o) Tanzania; (p) Mauritius; (q) Mozambique; (r) Malawi; (s) Kenya; (t) Burundi; (u) Cote d’Ivoire; (v) Senegal; (w) Mauritania; (x) Mali; (y) Liberia; (z) Ghana; (aa) Gambia; (ab) Benin.