

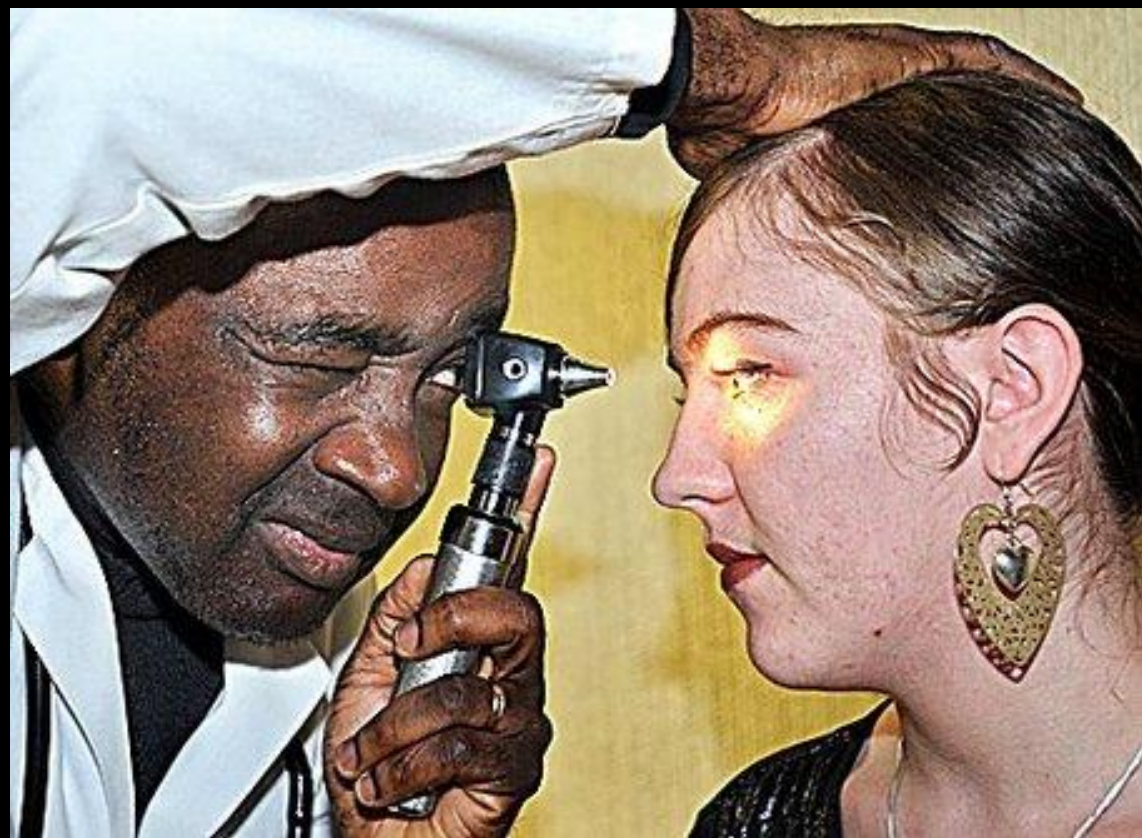
# The financial effects of high-skill emigration

## New data on African doctors abroad

International Conference on Diaspora for Development, World Bank

Michael Clemens

World Bank · July 13-14, 2009



# When they leave

Doctors

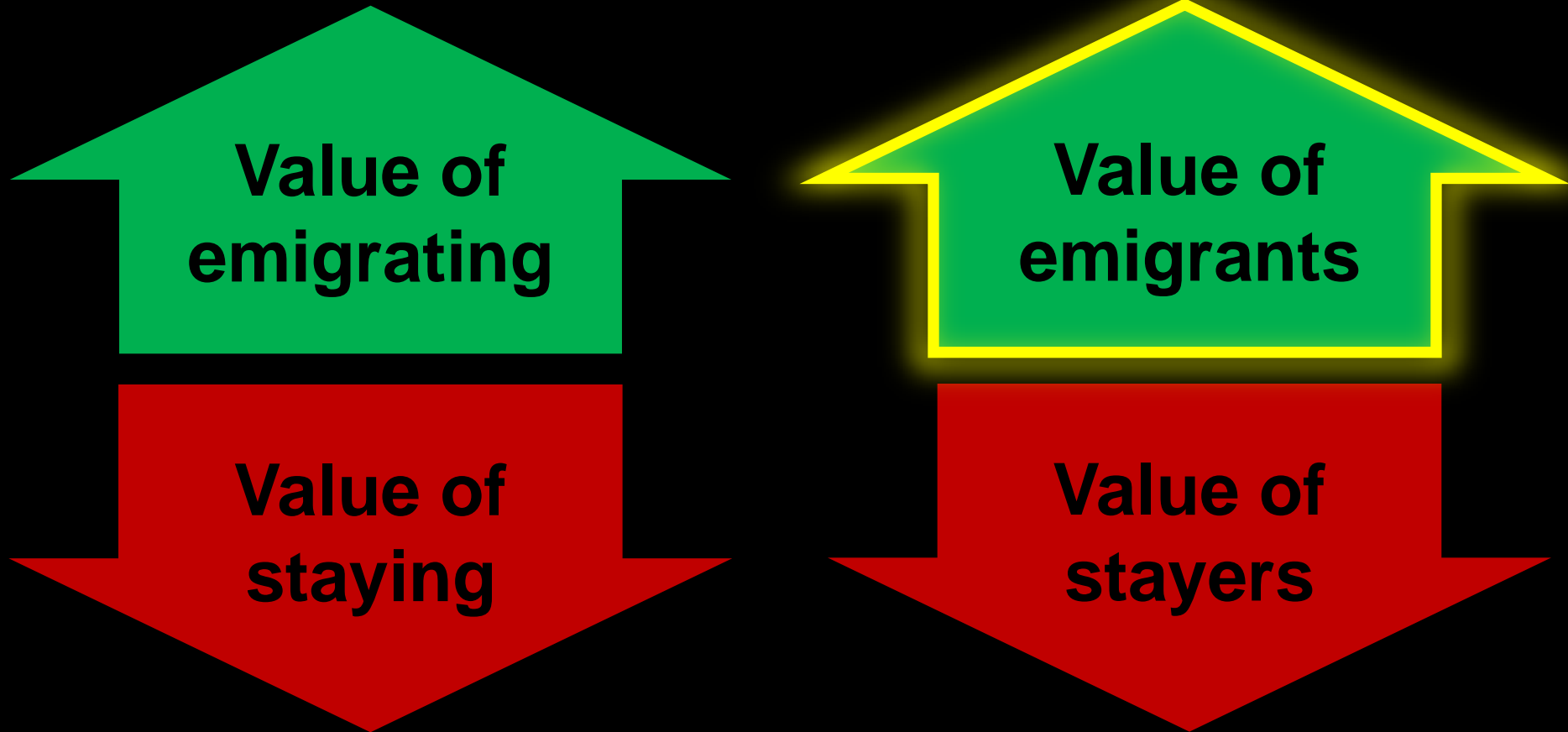
**Value of  
emigrating**

**Value of  
staying**

State

**Value of  
emigrants**

**Value of  
stayers**





Frame Sample

3,117

826

6,775

923

17.8%

9,892

1,759



Remittances

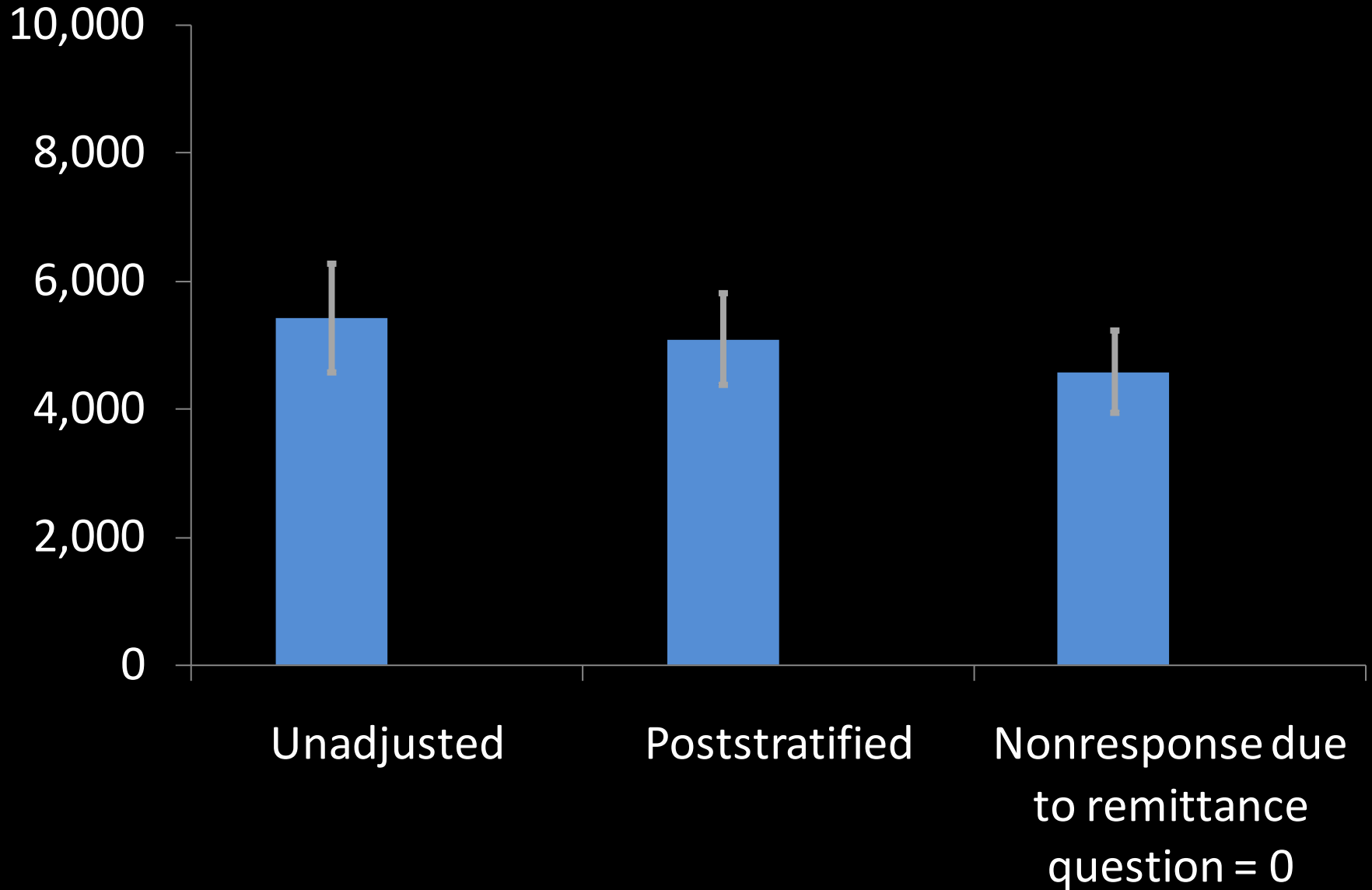


Timing of  
departure

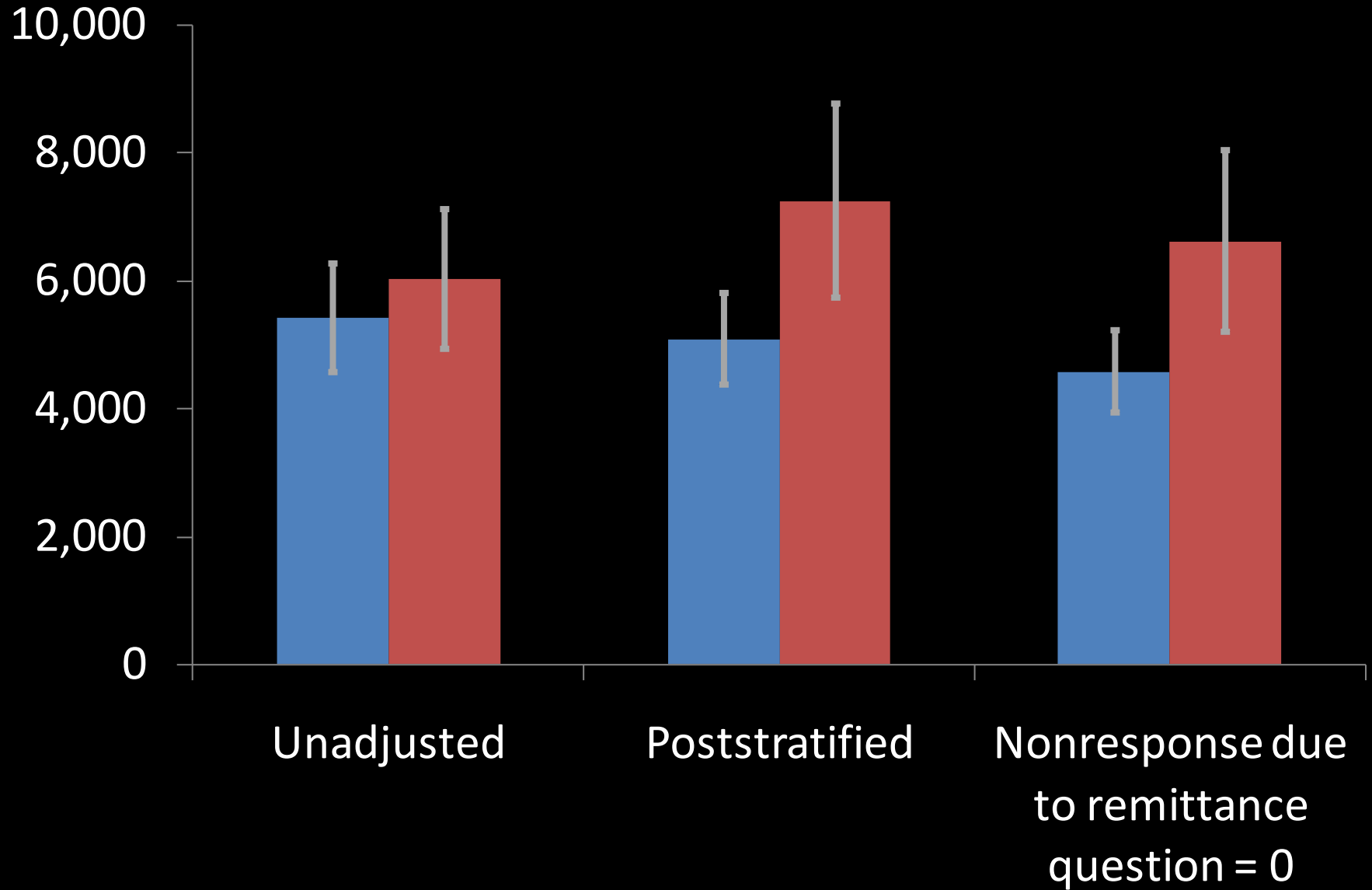


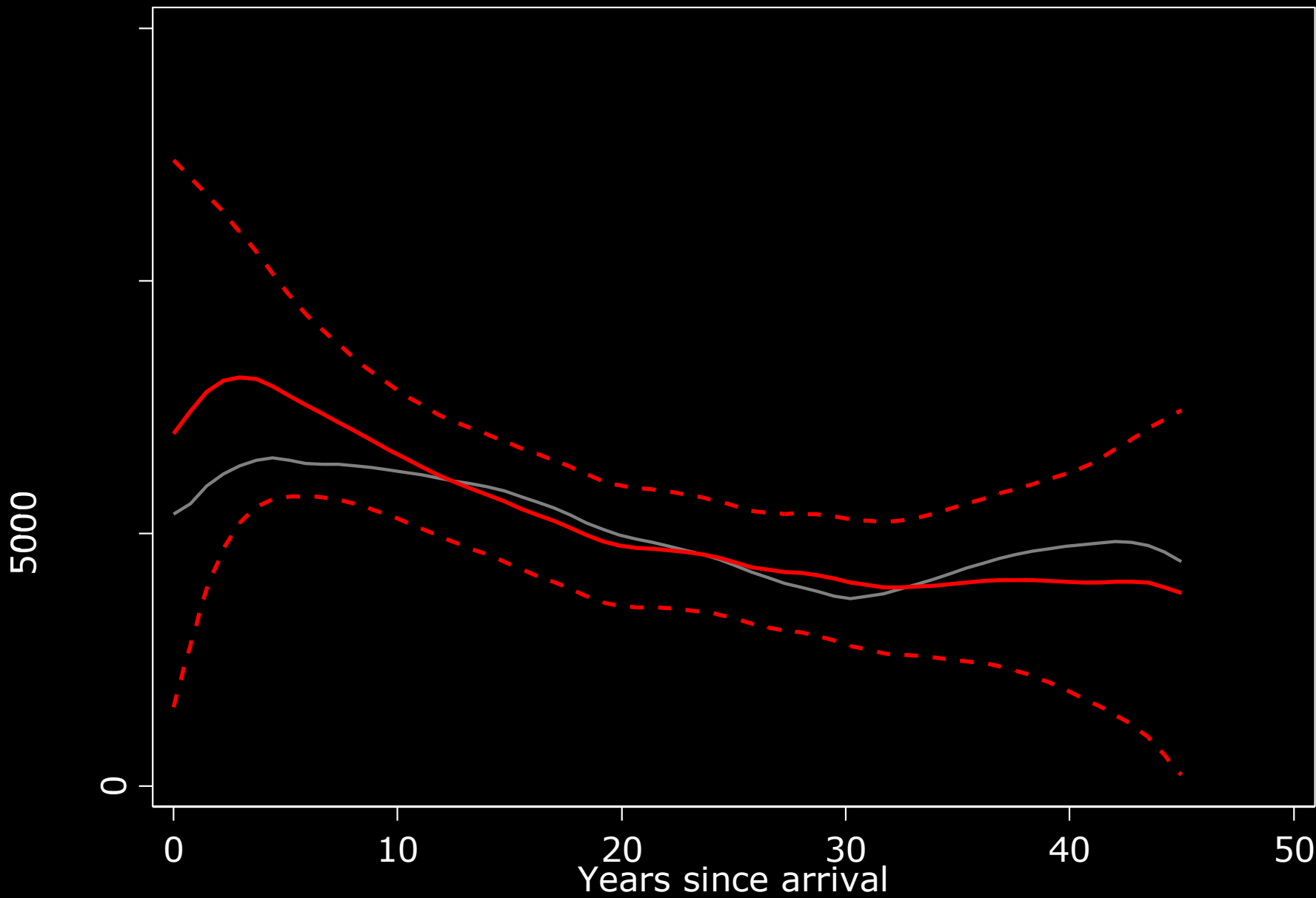
Country of  
training

# Remittances, US\$/year, all African doctors



## Remittances, trained in home country

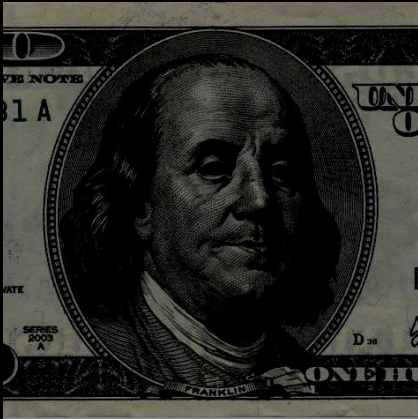






## *Correlates of remittances*

<b>Age</b>	<b>136**</b> (2.34)	<b>127***</b> (2.90)	<b>129***</b> (2.90)	<b>111**</b> (2.56)
<b>Years since arrival</b>	<b>-165***</b> (3.10)	<b>-145***</b> (3.52)	<b>-125***</b> (3.20)	<b>-50</b> (1.13)
Citizen of country of residence			-1,035 (0.89)	
Citizen of country of birth				4,745*** (4.95)
Constant	1,672 (0.84)	1,993 (1.23)	2,266 (1.43)	-1,477 (0.81)
Poststratified?	No	Yes	Yes	Yes
N	1,563	1,563	1,563	1,563



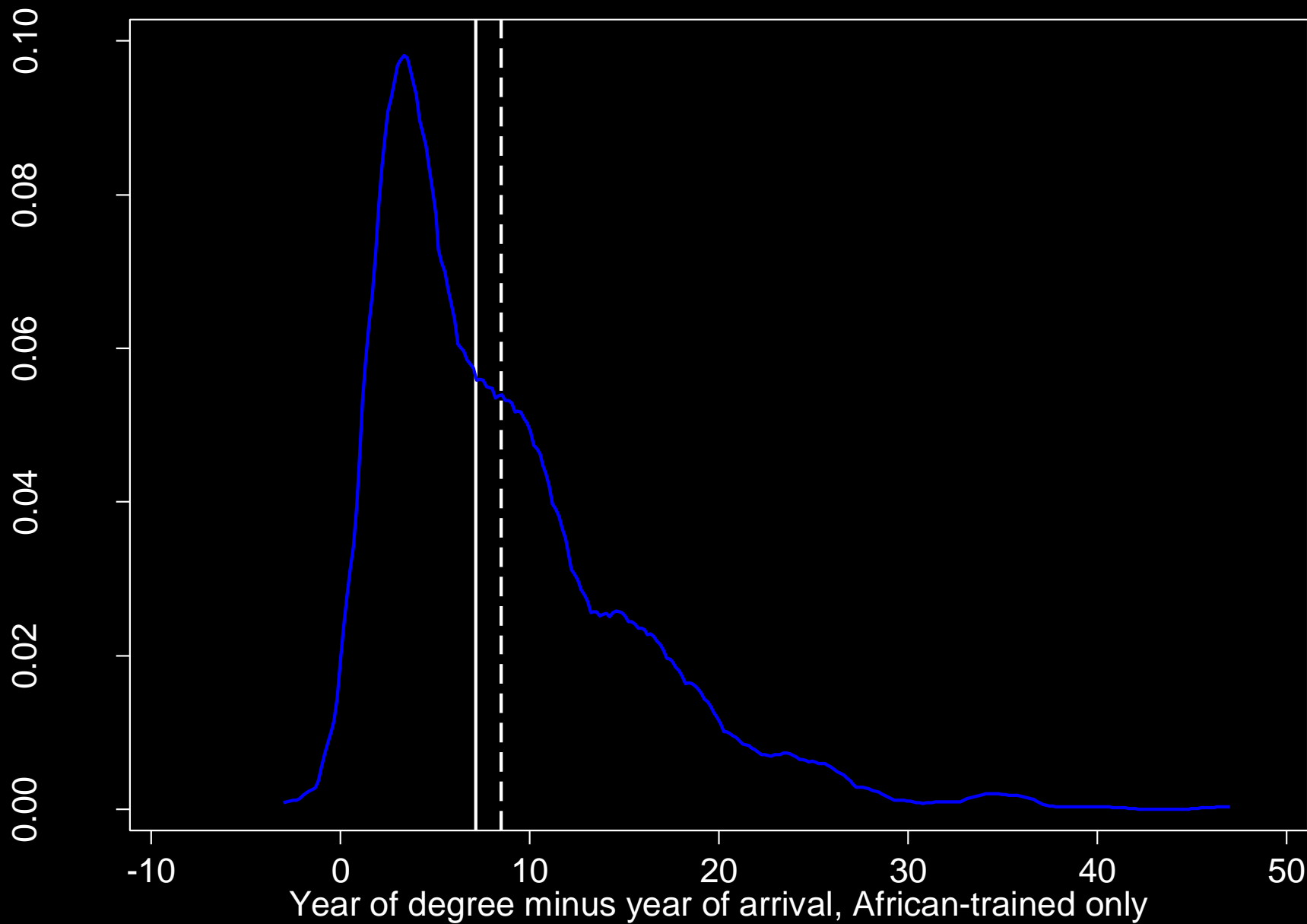
Remittances

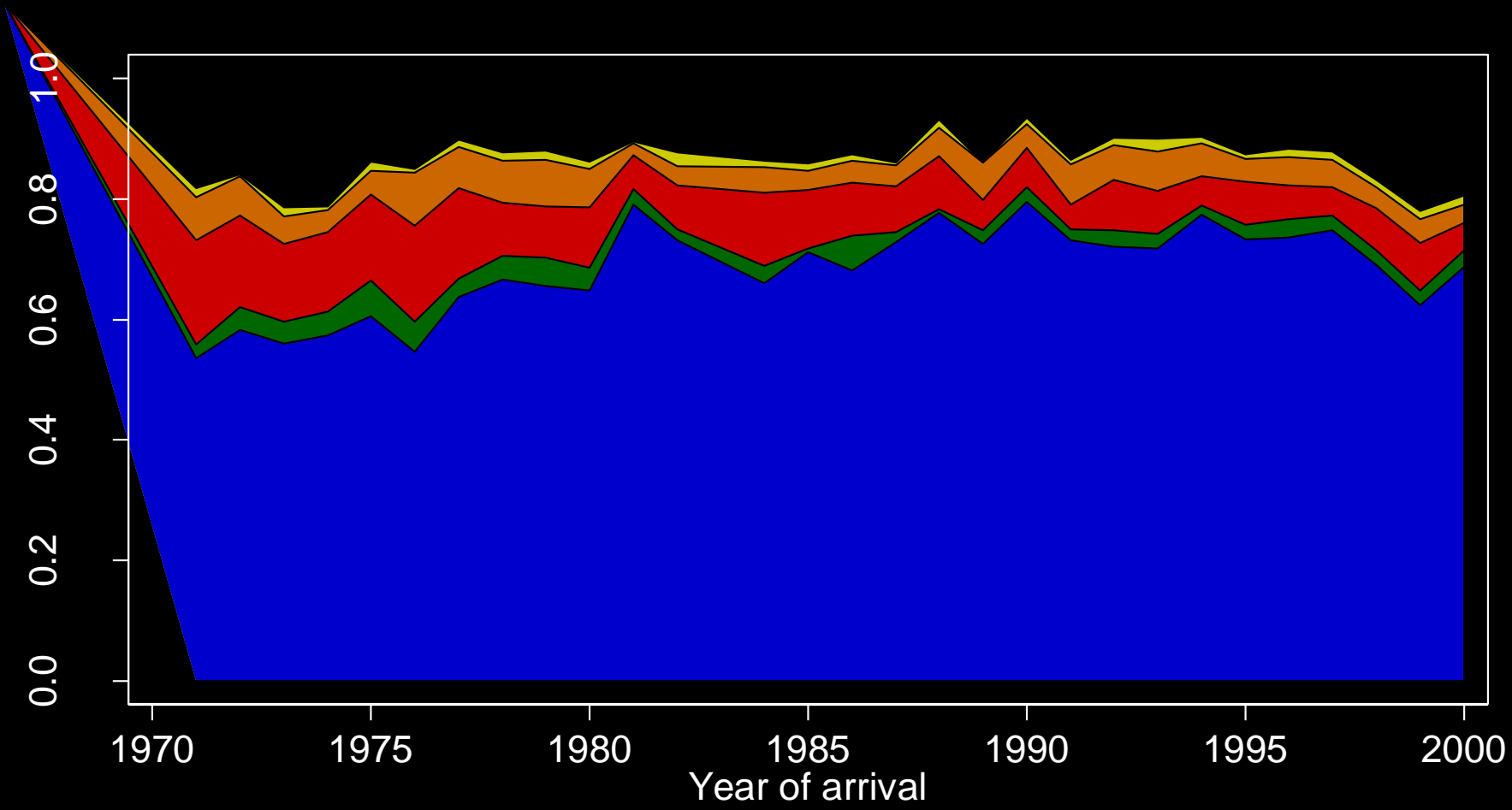


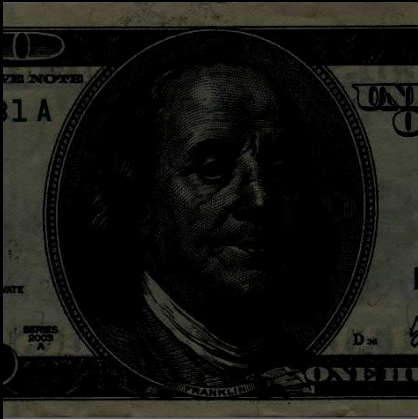
Timing of  
departure



Country of  
training







Remittances

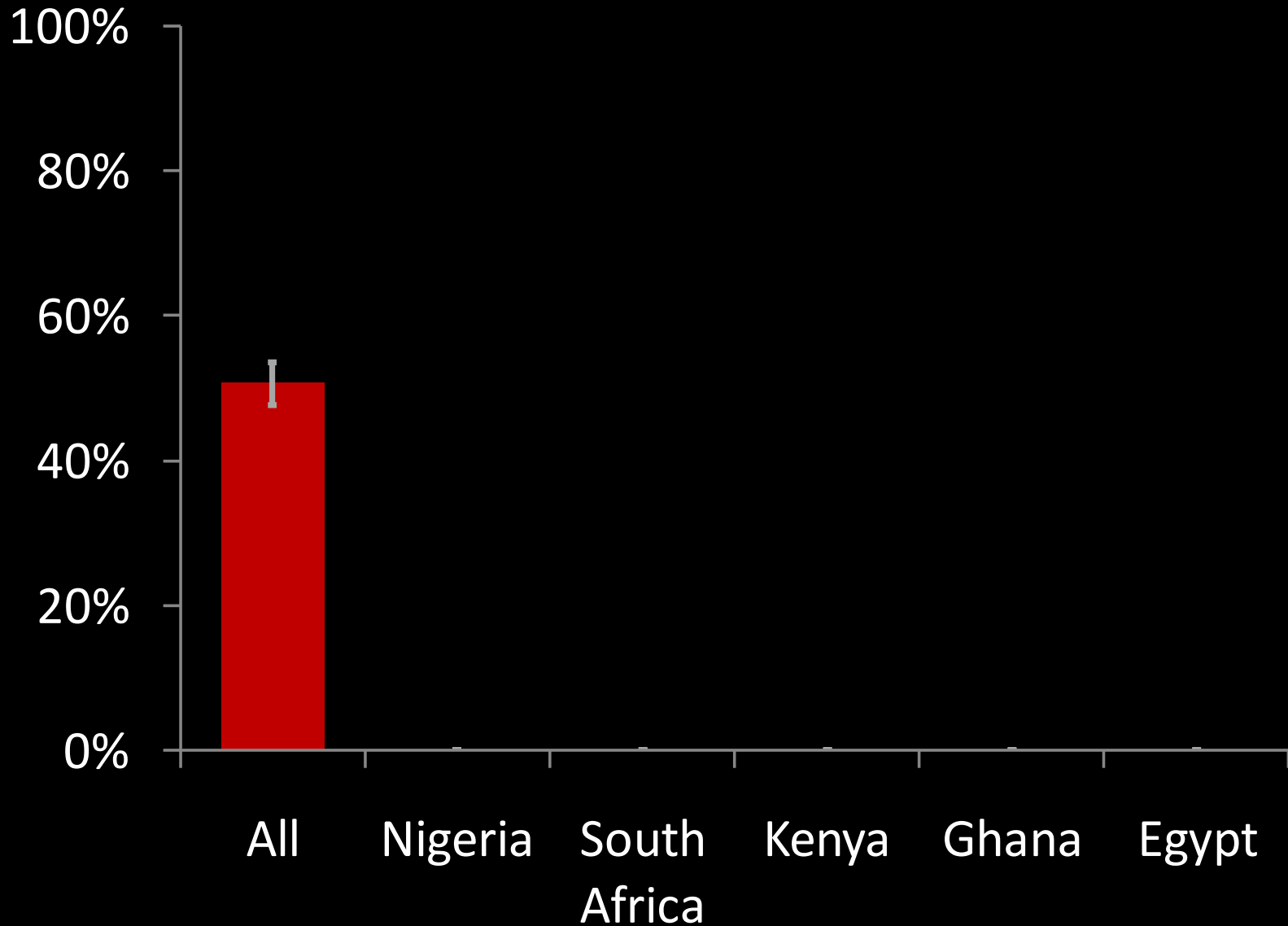


Timing of  
departure

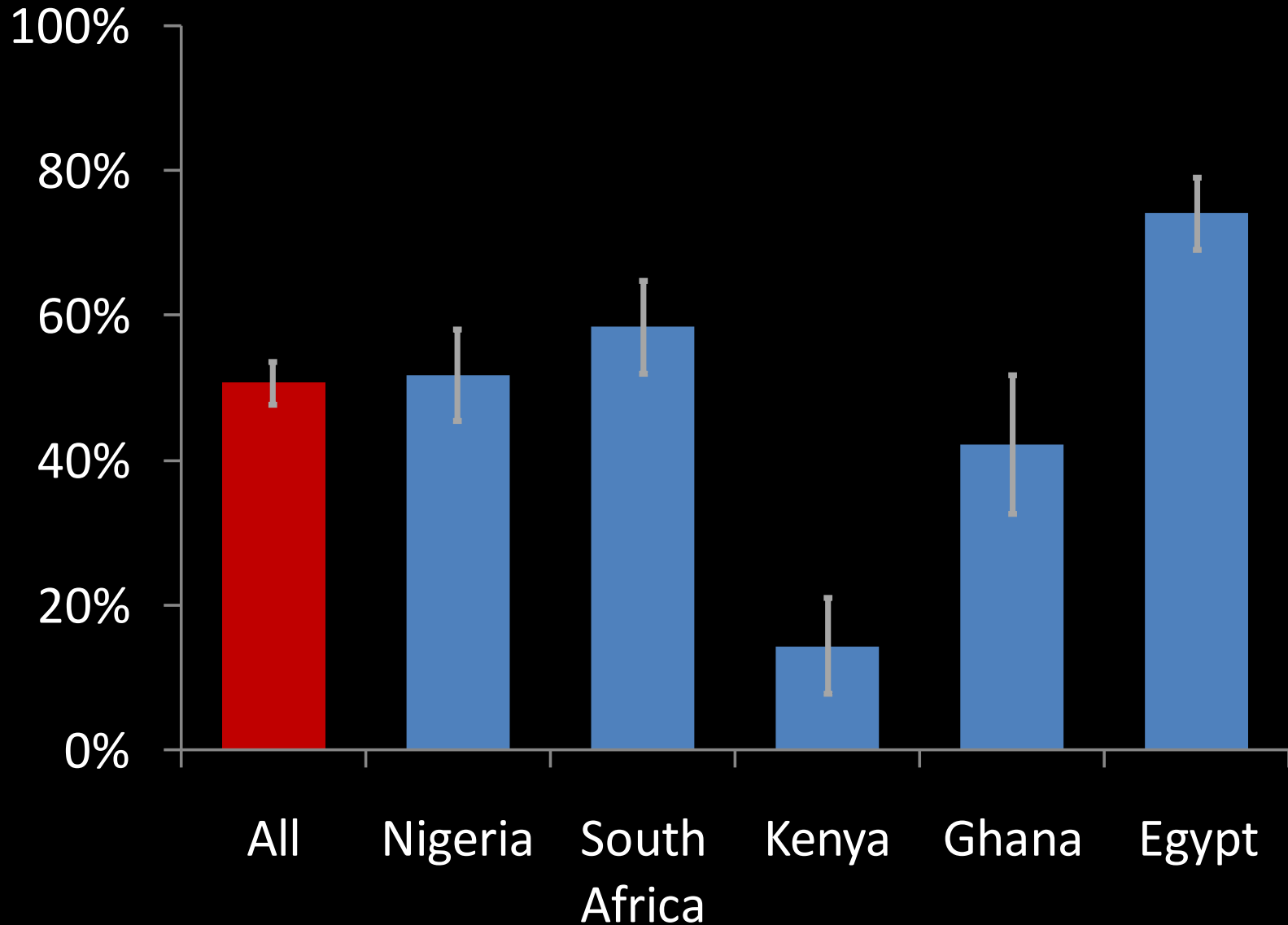


Country of  
training

# Received M.D. in country of birth



# Received M.D. in country of birth



# When they leave

Doctors

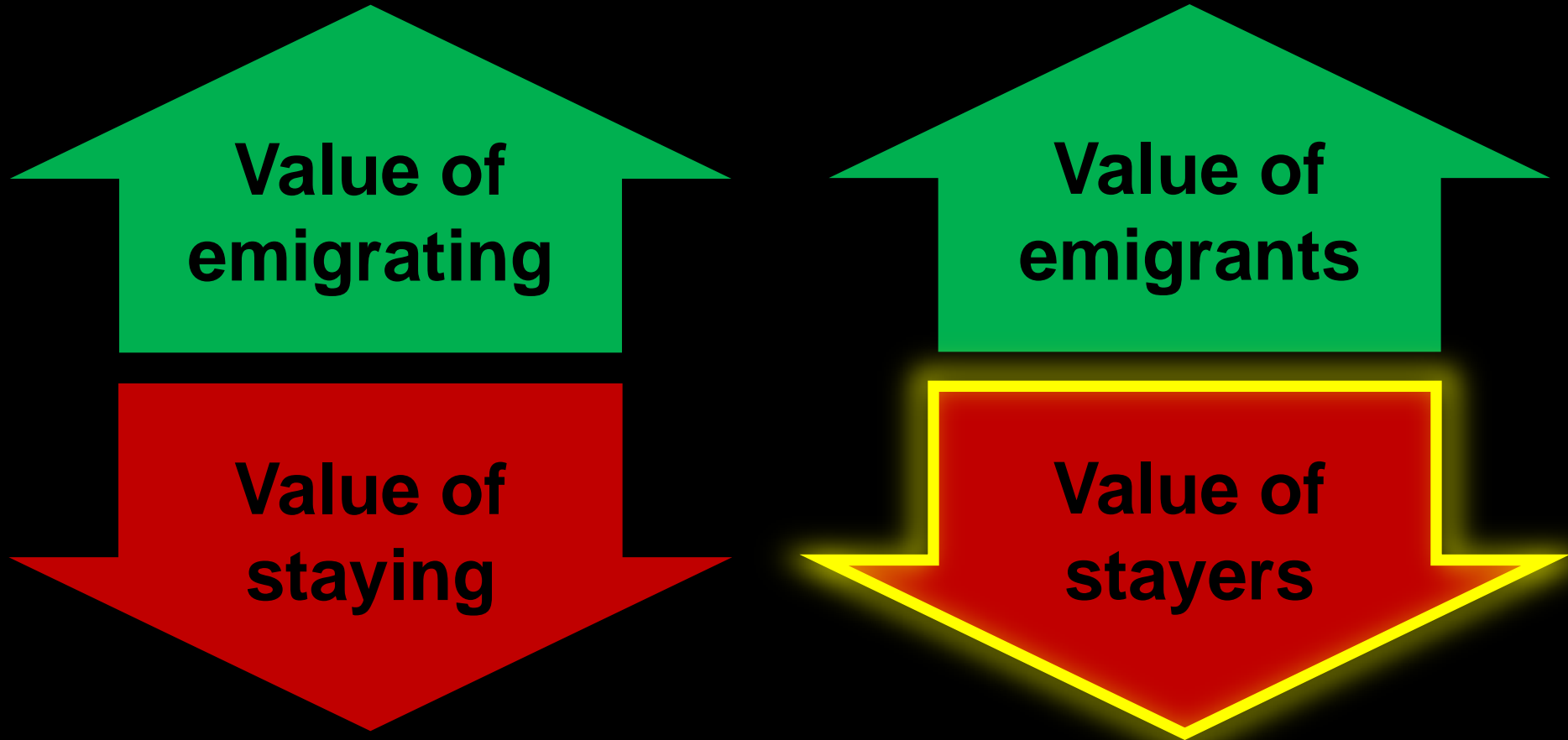
**Value of  
emigrating**

**Value of  
staying**

State

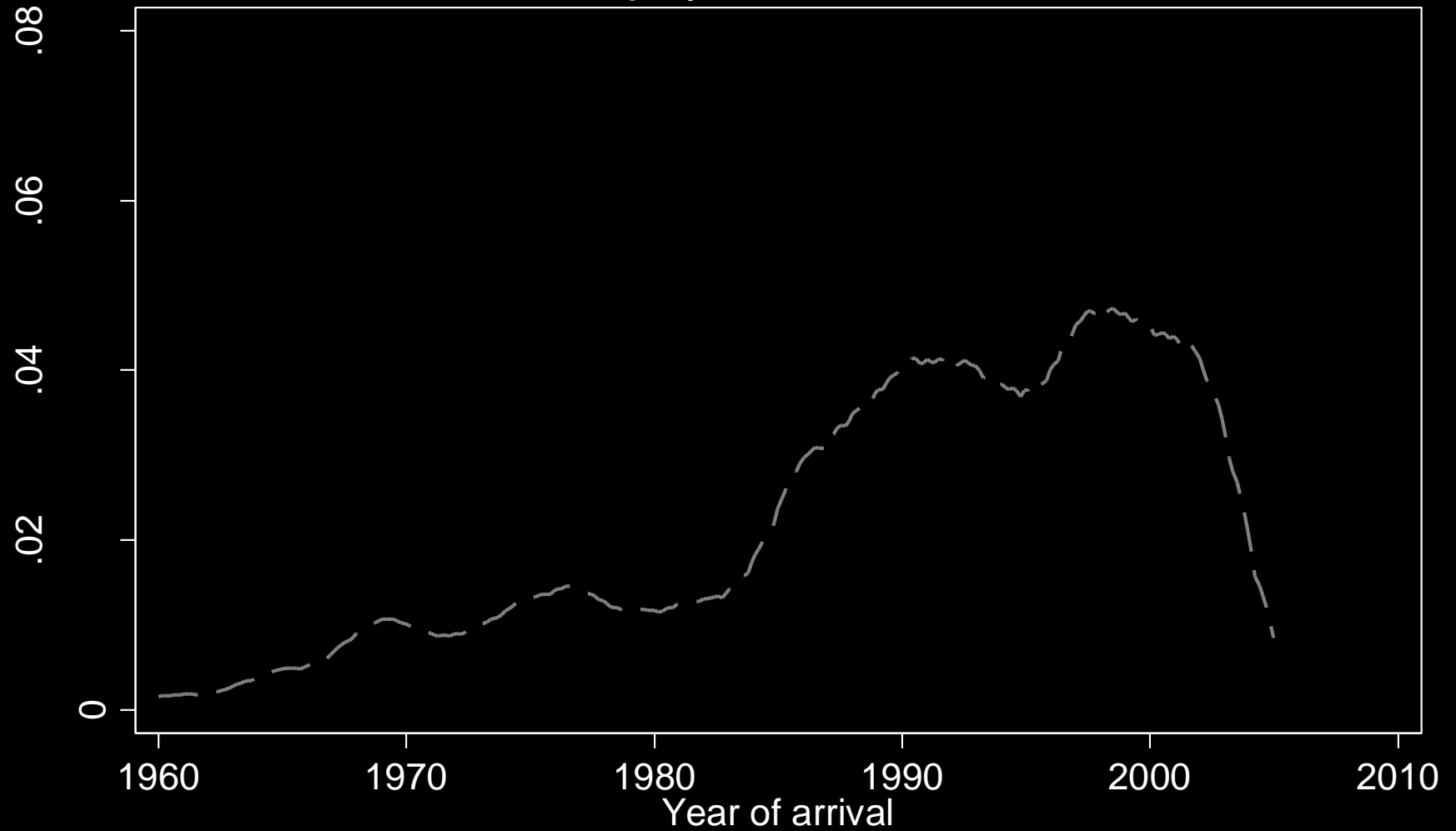
**Value of  
emigrants**

**Value of  
stayers**



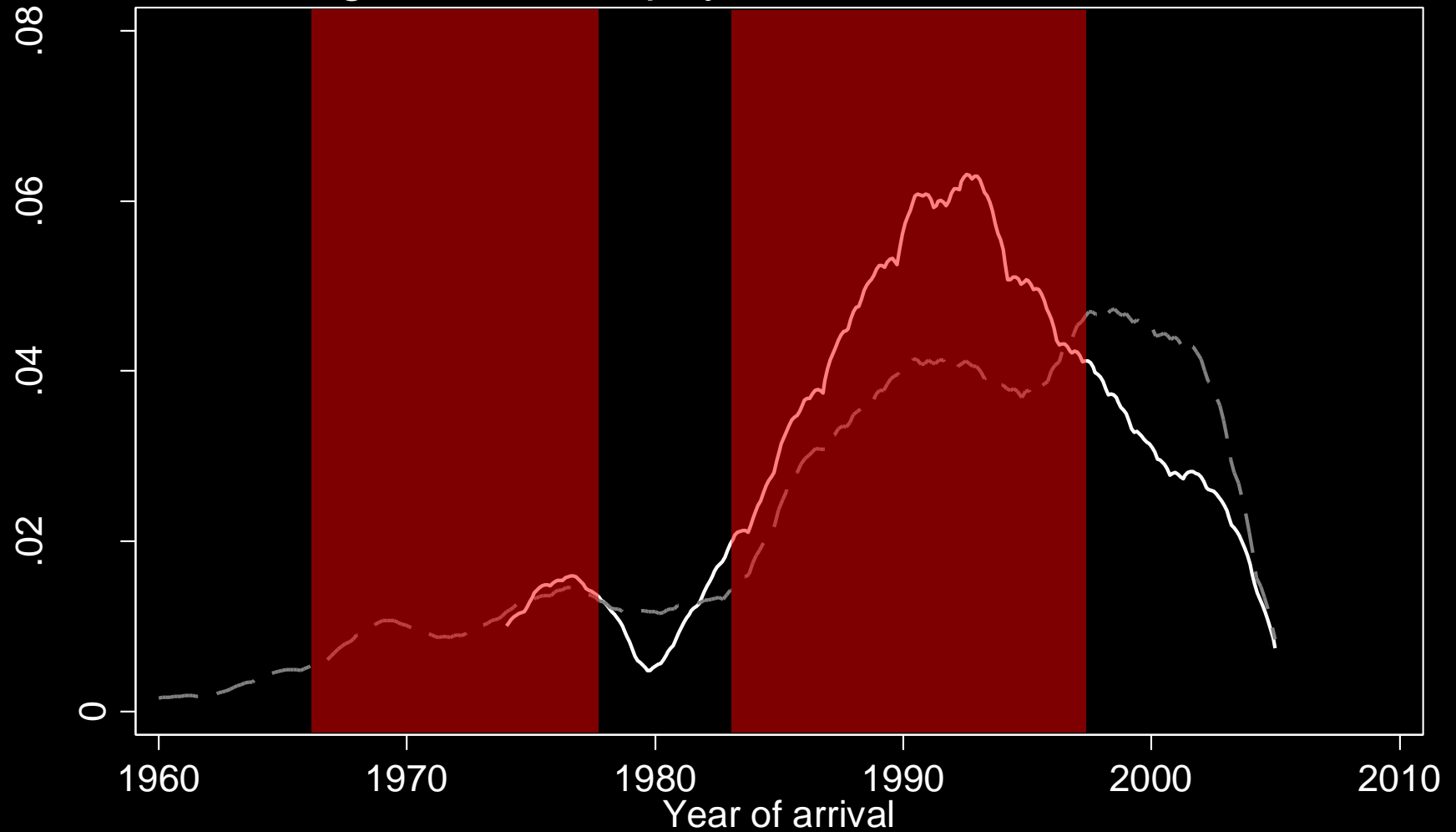


# Africa-trained physicians in US & Canada

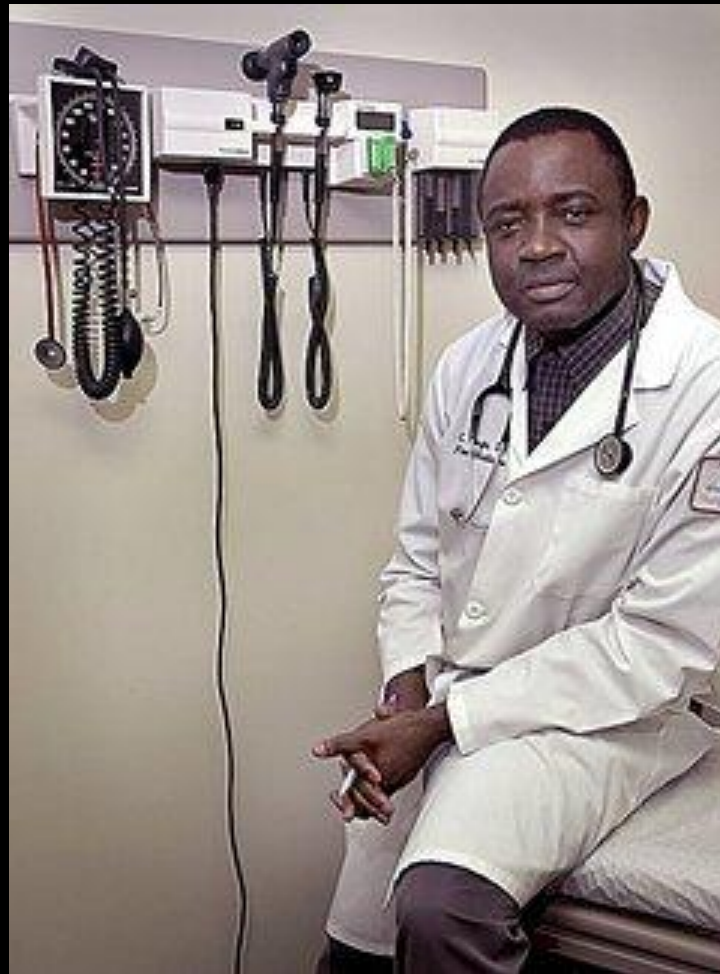


Nigeria — — — All African-trained

# Nigeria-trained physicians in US & Canada



— Nigeria    - - - All African-trained



[mclemens@cgdev.org](mailto:mclemens@cgdev.org)

5000

0

0

30

60

90

120

150

180

Response time, days

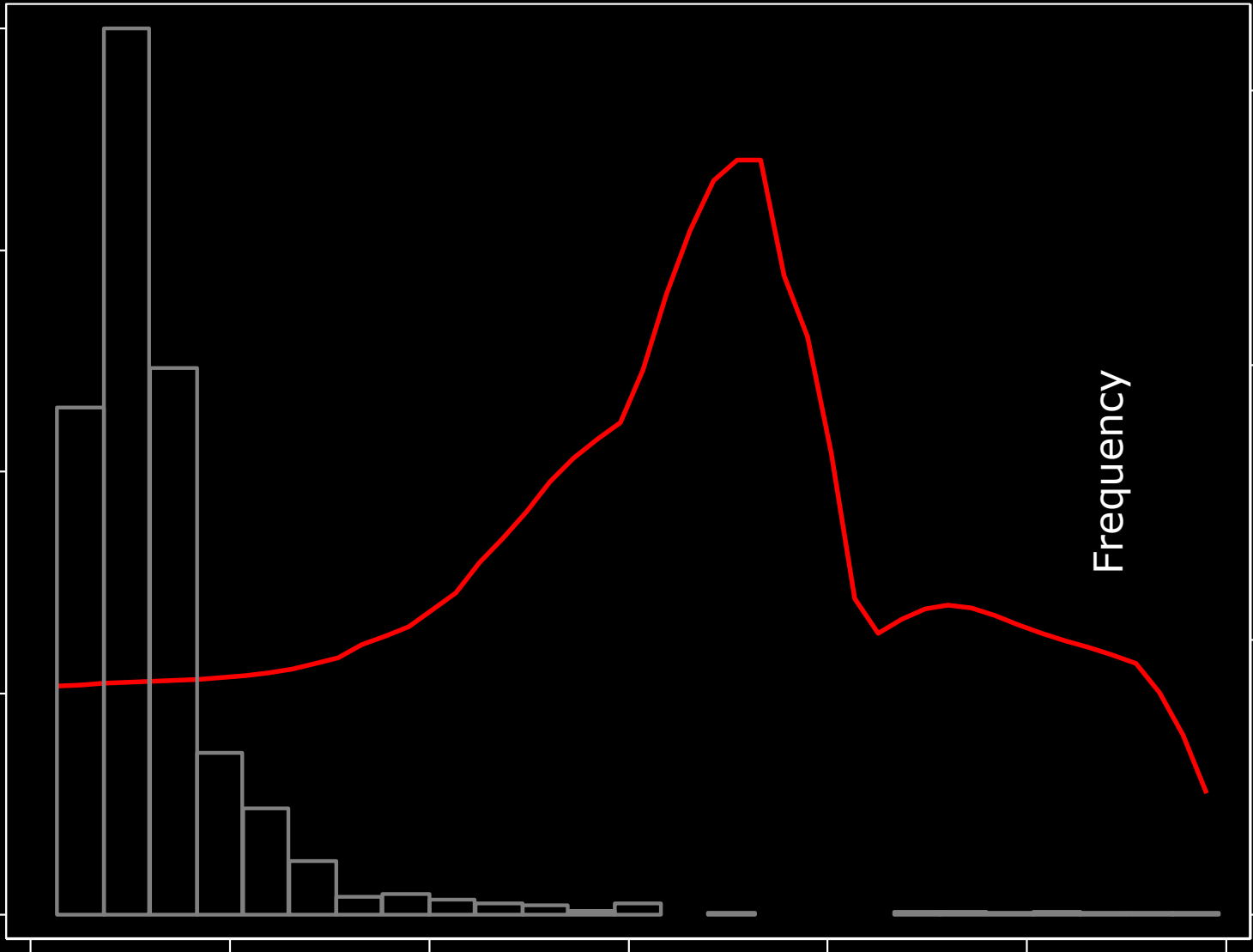
600

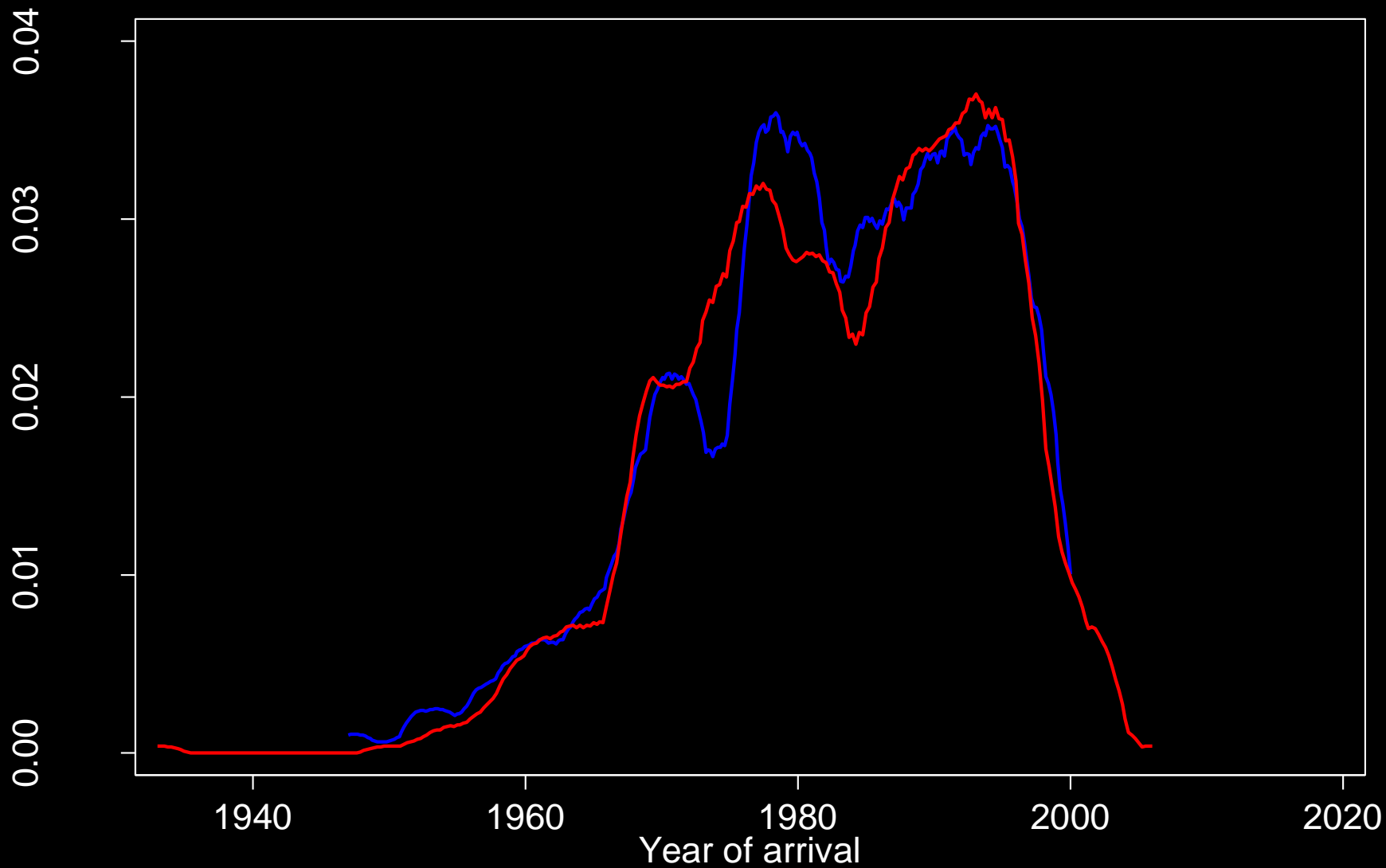
400

200

0

Frequency





— Census sample 2000      — Survey sample 2006