

SUPPLEMENTAL MATERIAL

Supplemental Table I Blood pressure treatment cutoffs by guideline for adults less than age 70

<i>CVD Risk</i>	<i>Blood Pressure Thresholds</i> Systolic blood pressure/Diastolic blood pressure			
	ACC/AHA	140/90	NICE	WHO HEARTS
<10%	140/90	140/90	160/100	160/100
10-20%	130/80	140/90	140/90	160/100
20-30%	130/80	140/90	140/90	140/90
>30%	130/80	140/90	140/90	130/80

Abbreviations: ACC/AHA = American College of Cardiology/American Heart Association; NICE = United Kingdom's National Institute for Health and Care Excellence; WHO HEARTS = World Health Organization Hearts/Package of Essential Noncommunicable disease interventions

Supplemental Table II: Blood pressure measurement details

Country	Measurement device	Number of measurements	Interval between measurements
Algeria	Not specified	3	Not specified
Azerbaijan	Not specified	3	Not specified
Belarus	Boso-Medicus Uno	3	3 minutes
Belize	Omron Digital Monitor HEM-712C	3	5 minutes
Benin	Boso-Medicus Uno	3	3 minutes
Bhutan	Boso Medicus Control	3	3 minutes
Botswana	Not specified	3	Not specified
Burkina Faso	Omron Digital Monitor HEM-705CP	3	10 minutes
Brazil	G-TECH Model MA 100	3	2 minutes
Cambodia	NISSEI Digital Blood Pressure Monitor (Model DS-500)	3	Not specified
Chile	Omron Digital Monitor HEM-742	3	2 minutes
China	Manual mercury sphygmomanometer	3	10 minutes
Comoros	Digital upper arm meter (model not specified)	2	5-10 minutes
Costa Rica	Digital upper arm meter (Welch Allyn and Omron, models not specified)	2 with a third measurement if the first two differed by >10 mmHg	5 minutes
Ecuador	Digital upper arm meter (model not specified)	2 with a third measurement if the first two differed by >5 mmHg	5 minutes
Eswatini	Boso Medicus PC (model not specified)	3	3-5 minutes
Georgia	Boso Medicus Uno	3	3 minutes
Ghana	Boso Medistar wrist Blood Pressure Monitor Model S	3	1 minute
Grenada	Omron Digital Monitor M4 - I	3	3 minutes
Guyana	Omron digital upper arm meter (model not specified)	3	3 minutes
India	Rossmax AW150	2	10 minutes
Indonesia	Omron Digital Monitor HEM-7203	3	First measurement taken at beginning of interview, subsequent two taken during the course of the interview
Iraq	Manual mercury sphygmomanometer	3	Not specified
Iran	Beurer medical, type: BM 20	3	5 minutes
Kazakhstan	Microlife A80	3	1 minute
Kenya	Omron M2 Digital Monitor	3	3-5 minutes
Kyrgyzstan	Not specified	3	Not specified
Lebanon	Omron M6 comfort	3	Not specified
Lesotho	Omron M3W Digital Monitor	3	10 minutes
Liberia	Omron digital upper arm meter (model not specified)	3	Not specified
Mexico	Omron digital upper arm meter (model not specified)	2	Not specified

Moldova	Boso-Medicus Uno	3	3 minutes
Mongolia	Omron M5 Digital Monitor	3	3 minutes
Morocco	Spengler ES 60	3	Not specified
Mozambique	Omron 3 Series Digital Monitor	2 with a third measurement if the first two differed by >10 mmHg	1 minute
Myanmar	Boso Medicus Uno	3	3-5 minutes
Namibia	Life Source Digital Monitor Model UA-767	3	Not specified
Nepal	Omron digital upper arm meter (model not specified)	3	3 minutes
Seychelles	Omron M3 Digital Monitor	5	Once upon arrival, three times during the interview, and once before leaving
South Africa	Omron M7 Digital Monitor	2	5 minutes
Sri Lanka	Not specified	3	Not specified
Sudan	Not specified	3	Not specified
St. Vincent and the Grenadines	Omron Digital Monitor M4 - I	3	3 minutes
Tajikistan	Not specified	3	Not specified
Tanzania	Omron digital upper arm meter (model not specified)	3	Not specified
Timor-Leste	Omron digital upper arm meter (model not specified)	3	2 minutes
Togo	Omron digital upper arm meter (model not specified)	3	5 minutes
Uganda	Boso Medicus Uno	3	3-5 minutes
Vanuatu	Omron M4	3	2-3 minutes
Zanzibar	Omron M2 Digital Monitor	3	5 minutes

Supplemental Table III: Numerical results for Figure 1

	Undiagnosed		Diagnosed, not taking medicines		Diagnosed, taking medicines	
	%	95% CI	%	95% CI	%	95% CI
Female						
ACC/AHA	20.1	(19.7, 20.6)	2.3	(2.2, 2.4)	5.3	(5.0, 5.5)
140/90	19.0	(18.5, 19.4)	2.2	(2.1, 2.4)	5.0	(4.7, 5.2)
NICE	7.2	(6.9, 7.5)	1.3	(1.2, 1.4)	3.3	(3.1, 3.5)
WHO Hearts	5.6	(5.4, 5.9)	1.1	(1.0, 1.2)	2.5	(2.3, 2.7)
Male						
ACC/AHA	28.4	(27.7, 29.1)	2.0	(1.9, 2.2)	4.6	(4.3, 4.9)
140/90	25.2	(24.5, 25.9)	1.9	(1.7, 2.1)	4.1	(3.8, 4.4)
NICE	11.3	(10.9, 11.8)	1.3	(1.2, 1.5)	3.1	(2.8, 3.3)
WHO Hearts	8.0	(7.6, 8.3)	1.0	(0.9, 1.2)	2.1	(1.9, 2.3)

Abbreviations: ACC/AHA = American College of Cardiology/American Heart Association; NICE = United Kingdom's National Institute for Health and Care Excellence; WHO Hearts = World Health Organization Hearts/Package of Essential Noncommunicable disease interventions.

Supplemental Table IV: Numerical results for Figure 3

			Undiagnosed		Diagnosed, not taking medicines		Diagnosed, taking medicines	
			%	95% CI	%	95% CI	%	95% CI
Female								
Africa	Algeria	ACC/AHA	17.2	(15.8,18.6)	6.3	(5.5, 7.1)	8.7	(7.8, 9.5)
		140/90	14.9	(13.6,16.3)	5.9	(5.1, 6.7)	7.3	(6.5, 8.1)
		NICE	6.4	(5.6, 7.2)	3.3	(2.7, 3.9)	6.1	(5.4, 6.9)
		WHO Hearts	3.6	(2.9, 4.2)	2.2	(1.7, 2.7)	3.8	(3.2, 4.4)
	Benin	ACC/AHA	27.0	(21.0,33.0)	2.9	(1.7, 4.2)	3.9	(2.7, 5.1)
		140/90	27.0	(21.0,33.0)	2.9	(1.7, 4.2)	3.8	(2.6, 5.0)
		NICE	12.9	(9.8,16.0)	2.1	(1.1, 3.1)	3.3	(2.2, 4.4)
		WHO Hearts	12.6	(9.5,15.8)	2.1	(1.1, 3.1)	3.1	(2.0, 4.2)
	Botswana	ACC/AHA	16.4	(14.2,18.7)	10.2	(8.4,11.9)	11.0	(8.4,13.7)
		140/90	15.5	(13.4,17.7)	10.1	(8.3,11.9)	11.0	(8.4,13.6)
		NICE	6.3	(5.0, 7.6)	5.2	(3.9, 6.6)	4.9	(3.6, 6.2)
		WHO Hearts	5.7	(4.4, 6.9)	5.1	(3.7, 6.4)	4.7	(3.4, 6.0)
	Burkina Faso	ACC/AHA	16.7	(14.4,19.1)	2.7	(1.6, 3.7)	2.4	(1.1, 3.7)
		140/90	16.8	(14.4,19.1)	2.7	(1.6, 3.7)	2.4	(1.1, 3.7)
		NICE	4.6	(3.1, 6.1)	1.3	(0.6, 2.0)	1.7	(0.5, 2.8)
		WHO Hearts	4.6	(3.1, 6.1)	1.3	(0.6, 2.0)	1.7	(0.5, 2.8)
	Comoros	ACC/AHA	20.1	(18.6,21.5)	5.5	(4.7, 6.4)	4.6	(3.9, 5.4)
		140/90	20.0	(18.5,21.5)	5.5	(4.7, 6.4)	4.6	(3.9, 5.4)
		NICE	7.1	(6.2, 8.1)	2.9	(2.2, 3.5)	2.7	(2.2, 3.3)
		WHO Hearts	7.0	(6.1, 8.0)	2.9	(2.2, 3.5)	2.7	(2.1, 3.3)
	Eswatini	ACC/AHA	17.3	(14.7,20.0)	10.8	(8.5,13.2)	9.1	(7.4,10.9)
		140/90	17.1	(14.5,19.8)	10.8	(8.5,13.2)	8.9	(7.2,10.7)
		NICE	5.8	(4.3, 7.4)	5.7	(4.0, 7.5)	5.8	(4.3, 7.3)

	WHO Hearts	5.4	(3.9, 6.9)	5.6	(3.9, 7.4)	5.3	(3.9, 6.8)
Ghana	ACC/AHA	33.2	(28.2,38.2)	3.6	(1.6, 5.7)	3.9	(2.5, 5.3)
	140/90	33.0	(28.0,38.1)	3.6	(1.6, 5.7)	3.9	(2.5, 5.2)
	NICE	16.2	(12.4,19.9)	1.9	(0.4, 3.4)	2.6	(1.5, 3.8)
Kenya	WHO Hearts	15.5	(11.8,19.2)	1.9	(0.4, 3.4)	2.5	(1.3, 3.6)
	ACC/AHA	21.1	(18.7,23.5)	7.0	(5.6, 8.4)	2.7	(1.5, 4.0)
	140/90	21.1	(18.7,23.5)	7.0	(5.6, 8.3)	2.7	(1.5, 4.0)
	NICE	7.1	(5.5, 8.7)	3.6	(2.5, 4.6)	1.3	(0.7, 1.9)
Lesotho	WHO Hearts	6.9	(5.2, 8.5)	3.5	(2.4, 4.5)	1.3	(0.7, 1.9)
	ACC/AHA	27.4	(23.7,31.1)	7.8	(5.8, 9.9)	9.2	(7.2,11.2)
	140/90	27.4	(23.7,31.1)	7.8	(5.8, 9.9)	9.2	(7.2,11.2)
	NICE	10.2	(7.9,12.5)	4.1	(2.9, 5.3)	6.5	(4.9, 8.1)
Liberia	WHO Hearts	10.2	(7.9,12.5)	4.1	(2.9, 5.3)	6.4	(4.7, 8.0)
	ACC/AHA	26.9	(22.7,31.0)	3.9	(1.9, 5.9)	6.0	(3.8, 8.2)
	140/90	26.9	(22.7,31.0)	3.9	(1.9, 5.9)	6.0	(3.8, 8.2)
	NICE	11.5	(8.2,14.9)	2.0	(0.8, 3.2)	4.1	(2.2, 6.0)
Mozambique	WHO Hearts	11.5	(8.2,14.9)	2.0	(0.8, 3.2)	4.1	(2.2, 6.0)
	ACC/AHA	32.5	(28.7,36.4)	2.5	(1.6, 3.4)	2.6	(1.5, 3.6)
	140/90	32.5	(28.7,36.4)	2.5	(1.6, 3.4)	2.6	(1.5, 3.6)
	NICE	15.1	(11.9,18.3)	1.9	(1.1, 2.7)	1.5	(0.8, 2.1)
Namibia	WHO Hearts	14.0	(10.9,17.1)	1.9	(1.1, 2.7)	1.5	(0.8, 2.1)
	ACC/AHA	19.8	(17.2,22.5)	3.2	(2.1, 4.2)	8.4	(7.1, 9.8)
	140/90	19.2	(16.6,21.8)	3.2	(2.1, 4.2)	8.2	(6.9, 9.6)
	NICE	5.0	(3.8, 6.2)	1.6	(0.8, 2.5)	4.0	(3.1, 5.0)
Seychelles	WHO Hearts	4.5	(3.3, 5.6)	1.5	(0.7, 2.4)	3.9	(2.9, 4.8)
	ACC/AHA	11.6	(9.4,13.8)	3.6	(2.1, 5.0)	12.8	(10.6,15.1)
	140/90	11.6	(9.4,13.8)	3.6	(2.1, 5.0)	12.6	(10.3,14.8)
	NICE	2.4	(1.3, 3.6)	2.1	(0.8, 3.4)	4.5	(3.0, 5.9)
	WHO Hearts	2.4	(1.3, 3.6)	2.1	(0.8, 3.4)	3.8	(2.4, 5.1)

Americas	South Africa	ACC/AHA	14.8	(13.3,16.2)	1.4	(1.0, 1.9)	8.1	(7.2, 9.0)
		140/90	14.6	(13.1,16.0)	1.4	(1.0, 1.9)	7.9	(7.0, 8.7)
		NICE	4.8	(4.1, 5.6)	0.8	(0.5, 1.2)	4.3	(3.6, 5.0)
		WHO Hearts	4.4	(3.7, 5.2)	0.8	(0.4, 1.1)	3.4	(2.8, 4.0)
	Tanzania	ACC/AHA	26.5	(23.0,30.1)	5.2	(3.6, 6.7)	2.4	(1.7, 3.0)
		140/90	26.5	(23.0,30.1)	5.1	(3.6, 6.6)	2.4	(1.7, 3.1)
		NICE	10.2	(7.9,12.5)	3.1	(2.1, 4.2)	1.7	(1.1, 2.2)
		WHO Hearts	10.1	(7.8,12.4)	3.1	(2.1, 4.2)	1.7	(1.1, 2.2)
	Togo	ACC/AHA	19.6	(16.9,22.3)	6.6	(4.7, 8.5)	2.3	(1.2, 3.4)
		140/90	19.6	(16.9,22.3)	6.6	(4.7, 8.5)	2.3	(1.2, 3.4)
		NICE	8.0	(5.9,10.1)	2.7	(1.6, 3.9)	1.7	(0.8, 2.6)
		WHO Hearts	7.8	(5.7, 9.9)	2.7	(1.6, 3.9)	1.7	(0.8, 2.6)
	Uganda	ACC/AHA	22.3	(19.5,25.1)	5.1	(3.4, 6.7)	3.0	(1.9, 4.0)
		140/90	22.3	(19.5,25.1)	5.1	(3.4, 6.7)	3.0	(1.9, 4.0)
		NICE	7.5	(5.8, 9.2)	2.7	(1.7, 3.7)	2.2	(1.3, 3.0)
		WHO Hearts	7.2	(5.5, 9.0)	2.6	(1.6, 3.5)	2.2	(1.3, 3.0)
Zambia	ACC/AHA	12.6	(10.7,14.4)	6.4	(4.9, 7.9)	3.9	(2.8, 5.0)	
	140/90	12.6	(10.7,14.4)	6.4	(4.9, 7.8)	3.9	(2.8, 5.0)	
	NICE	3.4	(2.6, 4.3)	3.6	(2.4, 4.8)	2.4	(1.4, 3.5)	
	WHO Hearts	3.1	(2.2, 3.9)	3.4	(2.2, 4.6)	2.2	(1.3, 3.2)	
Belize	ACC/AHA	8.1	(6.0,10.1)	3.1	(1.8, 4.4)	3.2	(2.2, 4.2)	
	140/90	8.0	(6.0,10.1)	3.1	(1.8, 4.4)	3.2	(2.2, 4.2)	
	NICE	1.5	(0.7, 2.4)	0.9	(0.3, 1.5)	1.5	(0.8, 2.2)	
	WHO Hearts	1.2	(0.4, 1.9)	0.9	(0.3, 1.5)	1.2	(0.6, 1.9)	
Brazil	ACC/AHA	10.2	(9.5,11.0)	2.3	(1.9, 2.6)	9.7	(9.0,10.4)	
	140/90	10.2	(9.4,10.9)	2.3	(1.9, 2.6)	9.7	(9.0,10.3)	
	NICE	2.6	(2.2, 3.1)	0.9	(0.7, 1.1)	3.8	(3.4, 4.2)	
	WHO Hearts	2.6	(2.1, 3.0)	0.9	(0.7, 1.1)	3.7	(3.2, 4.1)	
Chile	ACC/AHA	6.0	(4.4, 7.5)	7.6	(5.3, 9.9)	6.6	(4.8, 8.3)	

		140/90	5.9	(4.4, 7.5)	7.3	(5.0, 9.6)	6.1	(4.4, 7.9)
		NICE	1.7	(1.0, 2.5)	3.2	(1.2, 5.1)	3.1	(1.9, 4.3)
		WHO Hearts	1.4	(0.7, 2.1)	2.5	(0.7, 4.4)	2.7	(1.5, 3.9)
	Costa Rica	ACC/AHA	5.8	(4.0, 7.5)	1.7	(0.8, 2.5)	8.5	(6.6,10.4)
		140/90	5.7	(4.0, 7.5)	1.6	(0.8, 2.5)	8.5	(6.6,10.4)
		NICE	1.9	(0.7, 3.0)	0.6	(0.2, 1.1)	2.3	(1.3, 3.3)
		WHO Hearts	1.9	(0.7, 3.0)	0.6	(0.2, 1.0)	2.2	(1.2, 3.2)
	Ecuador	ACC/AHA	7.0	(2.3,11.6)	4.0	(2.6, 5.4)	4.8	(2.0, 7.5)
		140/90	7.0	(2.3,11.6)	4.0	(2.6, 5.4)	4.8	(2.0, 7.5)
		NICE	3.2	(-3.2, 9.7)	2.6	(-0.3, 5.5)	2.4	(-1.1, 5.9)
		WHO Hearts	3.2	(-3.3, 9.7)	2.6	(-0.3, 5.5)	2.4	(-1.1, 5.9)
	Grenada	ACC/AHA	12.3	(9.2,15.4)	5.9	(4.0, 7.8)	18.2	(14.9,21.5)
		140/90	12.3	(9.2,15.4)	5.9	(4.0, 7.8)	18.2	(14.9,21.5)
		NICE	3.9	(2.1, 5.7)	2.4	(1.1, 3.8)	9.2	(6.5,12.0)
		WHO Hearts	3.8	(1.9, 5.6)	2.4	(1.1, 3.8)	8.5	(5.9,11.1)
	Guyana	ACC/AHA	11.8	(9.3,14.3)	6.6	(4.6, 8.7)	9.5	(7.6,11.3)
		140/90	11.8	(9.3,14.3)	6.6	(4.6, 8.6)	9.4	(7.6,11.3)
		NICE	3.5	(2.3, 4.7)	2.6	(1.5, 3.8)	4.8	(3.3, 6.2)
		WHO Hearts	3.1	(1.9, 4.2)	2.5	(1.4, 3.7)	3.9	(2.6, 5.3)
	Mexico	ACC/AHA	14.5	(12.5,16.5)	1.8	(1.1, 2.4)	6.2	(4.9, 7.4)
		140/90	14.5	(12.5,16.5)	1.8	(1.1, 2.4)	6.1	(4.9, 7.3)
		NICE	3.9	(2.9, 5.0)	0.5	(0.1, 0.8)	2.6	(1.9, 3.3)
		WHO Hearts	3.8	(2.8, 4.8)	0.5	(0.1, 0.8)	2.5	(1.8, 3.2)
	St. Vincent & the Grenadines	ACC/AHA	10.5	(8.5,12.5)	6.4	(5.1, 7.6)	12.1	(10.0,14.2)
		140/90	10.5	(8.5,12.5)	6.4	(5.1, 7.6)	11.9	(9.8,14.0)
		NICE	3.3	(2.2, 4.4)	2.4	(1.6, 3.2)	6.0	(4.2, 7.8)
		WHO Hearts	2.9	(1.9, 3.9)	2.4	(1.6, 3.2)	5.3	(3.6, 7.0)
Eastern Mediterranean	Iran	ACC/AHA	13.1	(12.4,13.7)	6.0	(5.6, 6.4)	6.7	(6.3, 7.1)

		140/90	10.6	(9.9,11.2)	5.2	(4.8, 5.5)	5.9	(5.4, 6.3)
		NICE	4.7	(4.3, 5.1)	3.4	(3.1, 3.7)	4.7	(4.3, 5.0)
		WHO Hearts	2.4	(2.1, 2.7)	2.1	(1.9, 2.3)	2.8	(2.5, 3.1)
	Iraq	ACC/AHA	18.2	(15.9,20.4)	11.9	(9.7,14.0)	17.6	(15.3,19.9)
		140/90	16.1	(13.8,18.5)	11.0	(8.9,13.2)	16.4	(14.2,18.7)
		NICE	5.8	(4.5, 7.0)	5.9	(4.3, 7.4)	12.5	(10.8,14.3)
		WHO Hearts	3.5	(2.5, 4.4)	4.4	(3.0, 5.8)	9.4	(7.8,11.0)
	Lebanon	ACC/AHA	21.2	(16.6,25.9)	2.8	(1.3, 4.4)	7.9	(5.9,10.0)
		140/90	16.0	(11.8,20.2)	2.1	(0.7, 3.5)	5.3	(3.8, 6.9)
		NICE	9.8	(6.1,13.6)	1.1	(-0.1, 2.3)	4.0	(2.6, 5.4)
		WHO Hearts	6.1	(2.6, 9.6)	0.4	(0.0, 0.9)	1.4	(0.8, 2.1)
	Morocco	ACC/AHA	22.0	(20.4,23.7)	5.5	(4.6, 6.3)	7.2	(6.3, 8.2)
		140/90	19.2	(17.6,20.8)	5.2	(4.4, 6.0)	6.3	(5.4, 7.2)
		NICE	9.8	(8.7,10.9)	3.3	(2.7, 3.9)	5.4	(4.6, 6.3)
		WHO Hearts	5.5	(4.5, 6.4)	2.3	(1.8, 2.9)	3.8	(3.1, 4.5)
	Sudan	ACC/AHA	34.5	(32.6,36.5)	4.0	(3.2, 4.9)	7.9	(6.7, 9.1)
		140/90	32.7	(30.8,34.6)	3.8	(3.0, 4.6)	7.3	(6.2, 8.5)
		NICE	15.0	(13.6,16.5)	2.5	(1.8, 3.2)	6.2	(5.2, 7.3)
		WHO Hearts	11.4	(10.1,12.7)	2.2	(1.5, 2.9)	4.5	(3.6, 5.4)
	Azerbaijan	ACC/AHA	16.6	(14.3,18.8)	7.0	(5.5, 8.6)	12.9	(11.0,14.9)
		140/90	16.3	(14.1,18.5)	6.8	(5.2, 8.3)	12.3	(10.3,14.2)
		NICE	5.7	(4.4, 7.1)	3.9	(2.8, 5.0)	8.2	(6.7, 9.7)
		WHO Hearts	4.8	(3.5, 6.2)	3.6	(2.5, 4.7)	7.1	(5.6, 8.6)
	Belarus	ACC/AHA	14.8	(13.3,16.4)	10.8	(9.4,12.2)	26.7	(25.0,28.5)
		140/90	13.3	(11.8,14.8)	10.3	(9.0,11.6)	25.1	(23.4,26.8)
		NICE	4.9	(4.0, 5.9)	6.3	(5.3, 7.4)	19.7	(18.3,21.1)
		WHO Hearts	3.4	(2.5, 4.2)	4.8	(3.9, 5.7)	14.4	(13.1,15.8)
	Georgia	ACC/AHA	15.9	(14.3,17.5)	7.2	(6.0, 8.3)	16.2	(14.6,17.7)
		140/90	14.7	(13.2,16.3)	6.7	(5.6, 7.8)	14.4	(13.0,15.8)

		NICE	6.2	(5.1, 7.3)	4.2	(3.3, 5.1)	10.5	(9.2,11.7)
		WHO Hearts	4.7	(3.7, 5.7)	3.1	(2.3, 3.8)	8.4	(7.3, 9.6)
	Kazakhstan	ACC/AHA	9.5	(8.6,10.5)	0.8	(0.5, 1.0)	11.7	(10.9,12.5)
		140/90	8.9	(8.0, 9.7)	0.7	(0.5, 1.0)	11.0	(10.2,11.8)
		NICE	2.6	(2.1, 3.0)	0.4	(0.2, 0.5)	6.0	(5.3, 6.6)
		WHO Hearts	1.8	(1.4, 2.3)	0.2	(0.1, 0.4)	3.9	(3.4, 4.5)
	Kyrgyzstan	ACC/AHA	26.2	(23.4,29.1)	11.0	(8.7,13.3)	13.2	(11.2,15.2)
		140/90	26.1	(23.2,28.9)	10.6	(8.4,12.9)	13.2	(11.2,15.2)
		NICE	8.9	(7.2,10.6)	6.2	(4.6, 7.7)	10.7	(9.0,12.4)
		WHO Hearts	8.5	(6.8,10.2)	4.7	(3.4, 6.0)	8.9	(7.4,10.4)
	Moldova	ACC/AHA	24.3	(22.4,26.3)	11.0	(9.5,12.5)	17.3	(15.7,18.8)
		140/90	22.6	(20.6,24.5)	10.8	(9.3,12.2)	16.7	(15.1,18.3)
		NICE	11.2	(9.7,12.6)	7.5	(6.4, 8.7)	13.8	(12.4,15.3)
		WHO Hearts	9.0	(7.6,10.4)	6.3	(5.2, 7.4)	11.1	(9.8,12.5)
	Tajikistan	ACC/AHA	28.4	(24.9,32.0)	9.2	(7.0,11.4)	12.6	(10.4,14.9)
		140/90	28.4	(24.8,31.9)	9.2	(7.0,11.4)	12.6	(10.4,14.8)
		NICE	11.7	(9.4,14.0)	5.3	(3.7, 6.8)	9.3	(7.4,11.2)
		WHO Hearts	10.6	(8.3,12.9)	5.2	(3.6, 6.8)	8.6	(6.7,10.5)
South-East Asia	Bhutan	ACC/AHA	26.4	(23.4,29.3)	12.4	(10.0,14.7)	7.3	(5.6, 9.0)
		140/90	26.3	(23.3,29.2)	12.4	(10.0,14.7)	7.2	(5.6, 8.9)
		NICE	9.6	(7.9,11.4)	5.1	(3.7, 6.4)	4.9	(3.5, 6.3)
		WHO Hearts	8.9	(7.1,10.6)	5.0	(3.7, 6.3)	4.8	(3.4, 6.2)
	India	ACC/AHA	26.5	(26.3,26.7)	0.4	(0.4, 0.4)	1.1	(1.0, 1.1)
		140/90	26.2	(26.0,26.4)	0.4	(0.4, 0.4)	1.1	(1.0, 1.1)
		NICE	9.5	(9.3, 9.6)	0.2	(0.2, 0.2)	0.5	(0.5, 0.6)
		WHO Hearts	8.6	(8.5, 8.7)	0.2	(0.2, 0.2)	0.5	(0.5, 0.5)
	Indonesia	ACC/AHA	19.2	(18.4,20.1)	9.6	(9.0,10.3)	4.0	(3.6, 4.5)
		140/90	19.0	(18.2,19.9)	9.6	(8.9,10.2)	4.0	(3.5, 4.4)
		NICE	7.4	(6.8, 8.0)	5.6	(5.1, 6.1)	2.7	(2.3, 3.1)

Western Pacific	Myanmar	WHO Hearts	6.8	(6.2, 7.3)	5.4	(4.9, 5.9)	2.6	(2.2, 3.0)
		ACC/AHA	16.7	(14.8,18.7)	9.2	(8.0,10.5)	8.3	(6.8, 9.8)
		140/90	16.4	(14.4,18.3)	9.2	(7.9,10.4)	8.2	(6.7, 9.8)
	Nepal	NICE	6.0	(4.6, 7.5)	4.5	(3.5, 5.4)	4.3	(3.3, 5.4)
		WHO Hearts	5.7	(4.2, 7.1)	4.3	(3.4, 5.3)	4.1	(3.1, 5.2)
		ACC/AHA	22.8	(20.8,24.8)	3.2	(2.3, 4.1)	4.2	(3.3, 5.2)
	Sri Lanka	140/90	22.4	(20.4,24.4)	3.1	(2.2, 4.0)	4.2	(3.2, 5.1)
		NICE	8.7	(7.5,10.0)	1.9	(1.2, 2.6)	2.2	(1.5, 2.9)
		WHO Hearts	7.5	(6.3, 8.8)	1.8	(1.2, 2.5)	1.8	(1.2, 2.4)
	Timor-Leste	ACC/AHA	19.3	(17.6,21.1)	5.0	(3.9, 6.0)	9.1	(8.0,10.3)
		140/90	19.2	(17.4,20.9)	5.0	(3.9, 6.0)	9.1	(8.0,10.2)
		NICE	6.9	(5.8, 8.0)	2.1	(1.5, 2.8)	5.3	(4.4, 6.2)
	Cambodia	WHO Hearts	6.3	(5.2, 7.3)	1.8	(1.2, 2.5)	4.8	(3.8, 5.7)
		ACC/AHA	24.6	(22.0,27.2)	3.2	(2.2, 4.3)	4.3	(3.0, 5.5)
		140/90	24.4	(21.8,27.0)	3.2	(2.2, 4.3)	4.3	(3.0, 5.5)
	China	NICE	8.6	(6.9,10.2)	1.8	(1.0, 2.6)	2.8	(1.7, 3.8)
		WHO Hearts	7.6	(6.0, 9.2)	1.7	(0.9, 2.5)	2.8	(1.7, 3.8)
		ACC/AHA	7.2	(6.1, 8.3)	2.5	(1.9, 3.1)	2.3	(1.6, 3.0)
	Mongolia	140/90	7.2	(6.1, 8.3)	2.5	(1.9, 3.1)	2.3	(1.6, 3.0)
		NICE	1.4	(0.9, 1.8)	1.1	(0.7, 1.5)	1.0	(0.5, 1.5)
		WHO Hearts	1.2	(0.8, 1.6)	1.0	(0.6, 1.5)	1.0	(0.5, 1.5)
	China	ACC/AHA	18.1	(17.1,19.1)	1.3	(1.0, 1.6)	6.9	(6.3, 7.5)
		140/90	15.8	(14.7,16.8)	1.2	(0.9, 1.5)	6.4	(5.8, 7.0)
		NICE	6.5	(5.8, 7.1)	0.8	(0.6, 1.0)	4.8	(4.3, 5.3)
Mongolia	WHO Hearts	3.8	(3.3, 4.4)	0.6	(0.4, 0.8)	3.3	(2.8, 3.7)	
	ACC/AHA	25.6	(23.0,28.2)	11.8	(9.9,13.7)	7.9	(6.2, 9.5)	
	140/90	24.0	(21.5,26.6)	11.6	(9.8,13.5)	7.7	(6.0, 9.3)	
		NICE	9.2	(7.5,11.0)	7.8	(6.1, 9.5)	5.5	(4.0, 6.9)

Africa	Vanuatu	WHO Hearts	7.2	(5.5, 8.8)	7.1	(5.5, 8.8)	5.0	(3.6, 6.3)
		ACC/AHA	27.3	(25.2,29.5)	5.0	(3.8, 6.2)	1.0	(0.3, 1.7)
		140/90	27.3	(25.2,29.5)	5.0	(3.8, 6.2)	1.0	(0.3, 1.7)
		NICE	9.9	(7.9,11.9)	2.6	(1.6, 3.7)	1.1	(-1.4, 3.6)
	Algeria	WHO Hearts	8.5	(6.9,10.2)	2.2	(1.3, 3.1)	0.9	(-1.4, 3.3)
		ACC/AHA	25.9	(24.2,27.7)	4.1	(3.4, 4.9)	5.0	(4.2, 5.7)
		140/90	20.6	(18.9,22.2)	3.7	(3.0, 4.4)	4.0	(3.3, 4.8)
		NICE	10.6	(9.5,11.7)	2.9	(2.3, 3.5)	3.5	(2.8, 4.2)
	Benin	WHO Hearts	5.7	(4.9, 6.5)	2.0	(1.5, 2.5)	2.6	(2.0, 3.2)
		ACC/AHA	32.9	(28.3,37.5)	1.7	(1.0, 2.3)	2.6	(1.6, 3.7)
		140/90	32.9	(28.2,37.5)	1.7	(1.0, 2.3)	2.6	(1.6, 3.7)
		NICE	12.9	(8.0,17.7)	0.8	(0.4, 1.3)	1.9	(1.0, 2.8)
	Botswana	WHO Hearts	11.6	(7.0,16.2)	0.7	(0.3, 1.2)	1.6	(0.8, 2.5)
		ACC/AHA	21.3	(17.4,25.3)	9.0	(6.2,11.7)	6.8	(4.6, 9.1)
		140/90	20.5	(16.6,24.4)	9.0	(6.2,11.7)	6.7	(4.5, 8.9)
		NICE	9.5	(6.5,12.4)	4.2	(2.3, 6.1)	4.4	(2.6, 6.1)
	Burkina Faso	WHO Hearts	8.4	(5.6,11.2)	3.9	(2.1, 5.8)	3.5	(1.9, 5.2)
		ACC/AHA	18.3	(15.8,20.7)	2.9	(1.7, 4.2)	0.9	(0.2, 1.5)
		140/90	18.2	(15.7,20.6)	2.9	(1.7, 4.2)	0.9	(0.2, 1.5)
		NICE	4.4	(3.1, 5.7)	1.9	(0.6, 3.2)	0.9	(-0.4, 2.3)
	Comoros	WHO Hearts	4.2	(2.9, 5.5)	1.9	(0.6, 3.3)	0.6	(-0.4, 1.6)
		ACC/AHA	21.2	(18.8,23.6)	2.7	(1.9, 3.5)	1.8	(1.1, 2.5)
		140/90	20.8	(18.5,23.2)	2.7	(1.9, 3.5)	1.8	(1.1, 2.5)
		NICE	7.5	(6.1, 9.0)	1.4	(0.8, 2.0)	1.1	(0.6, 1.7)
Eswatini	WHO Hearts	5.9	(4.7, 7.2)	1.4	(0.9, 2.0)	1.0	(0.5, 1.5)	
	ACC/AHA	22.5	(17.7,27.3)	3.6	(2.0, 5.1)	4.1	(2.4, 5.8)	
	140/90	22.1	(17.3,26.8)	3.6	(2.0, 5.1)	3.9	(2.2, 5.7)	
	NICE	8.0	(5.6,10.4)	1.7	(0.6, 2.7)	2.3	(1.0, 3.6)	
		WHO Hearts	6.8	(4.4, 9.2)	1.7	(0.6, 2.7)	1.7	(0.6, 2.9)

Ghana	ACC/AHA	38.4	(33.7,43.2)	1.3	(0.4, 2.2)	2.8	(1.2, 4.5)
	140/90	38.1	(33.4,42.8)	1.3	(0.4, 2.2)	2.7	(1.0, 4.4)
	NICE	16.8	(13.7,20.0)	1.1	(0.2, 2.0)	2.1	(0.5, 3.7)
	WHO Hearts	16.1	(13.0,19.3)	1.1	(0.2, 2.0)	2.0	(0.4, 3.5)
Kenya	ACC/AHA	25.6	(22.4,28.9)	4.2	(2.3, 6.1)	1.1	(0.4, 1.8)
	140/90	25.3	(22.0,28.5)	4.2	(2.3, 6.1)	1.1	(0.4, 1.8)
	NICE	7.6	(5.8, 9.4)	2.3	(1.0, 3.7)	0.6	(0.1, 1.1)
	WHO Hearts	6.4	(4.7, 8.2)	2.1	(0.8, 3.4)	0.6	(0.1, 1.1)
Lesotho	ACC/AHA	25.9	(21.8,30.0)	6.6	(3.9, 9.2)	1.9	(0.4, 3.4)
	140/90	25.7	(21.6,29.7)	6.4	(3.8, 9.0)	1.9	(0.4, 3.4)
	NICE	10.2	(7.4,13.0)	3.7	(1.5, 5.8)	0.8	(0.0, 1.5)
	WHO Hearts	8.0	(5.4,10.5)	3.0	(1.0, 5.0)	0.7	(0.0, 1.4)
Liberia	ACC/AHA	28.6	(24.9,32.2)	3.0	(1.2, 4.8)	4.0	(2.1, 5.9)
	140/90	27.8	(24.0,31.6)	3.0	(1.2, 4.8)	4.0	(2.1, 5.9)
	NICE	12.2	(9.2,15.1)	2.3	(0.6, 4.1)	2.8	(1.3, 4.3)
	WHO Hearts	11.2	(8.2,14.2)	2.0	(-0.2, 4.2)	2.8	(1.3, 4.3)
Mozambique	ACC/AHA	33.1	(29.0,37.1)	2.7	(1.1, 4.4)	1.0	(0.3, 1.8)
	140/90	32.0	(27.9,36.1)	2.7	(1.1, 4.4)	1.1	(0.3, 1.8)
	NICE	13.1	(10.6,15.6)	2.2	(0.5, 3.8)	0.4	(0.1, 0.6)
	WHO Hearts	10.6	(8.5,12.7)	2.2	(0.5, 3.9)	0.3	(0.1, 0.6)
Namibia	ACC/AHA	24.5	(20.8,28.3)	1.9	(1.0, 2.7)	7.4	(5.8, 9.0)
	140/90	23.8	(20.2,27.5)	1.9	(1.0, 2.7)	7.3	(5.7, 8.9)
	NICE	9.6	(6.7,12.5)	0.8	(0.0, 1.6)	4.7	(3.4, 6.1)
	WHO Hearts	8.4	(5.8,11.0)	0.8	(0.0, 1.5)	4.2	(2.9, 5.5)
Seychelles	ACC/AHA	21.6	(18.0,25.2)	6.1	(4.0, 8.3)	15.0	(12.3,17.8)
	140/90	20.6	(17.0,24.1)	6.2	(4.0, 8.3)	14.3	(11.6,17.0)
	NICE	8.0	(5.9,10.2)	3.1	(1.6, 4.6)	7.9	(5.8,10.0)
	WHO Hearts	6.8	(4.7, 8.8)	2.9	(1.5, 4.3)	5.4	(3.6, 7.3)
South Africa	ACC/AHA	25.2	(22.9,27.6)	1.8	(0.9, 2.7)	5.8	(4.8, 6.8)

		140/90	24.4	(22.0,26.7)	1.8	(0.9, 2.7)	5.4	(4.4, 6.4)
		NICE	8.1	(6.7, 9.5)	1.1	(0.3, 1.9)	3.1	(2.5, 3.8)
		WHO Hearts	6.9	(5.5, 8.3)	0.9	(0.2, 1.6)	2.1	(1.5, 2.7)
	Tanzania	ACC/AHA	26.0	(22.5,29.5)	2.2	(1.4, 2.9)	1.0	(0.4, 1.5)
		140/90	25.5	(22.0,28.9)	2.1	(1.3, 2.8)	0.9	(0.4, 1.5)
		NICE	10.5	(7.8,13.2)	0.9	(0.4, 1.5)	0.7	(0.3, 1.1)
		WHO Hearts	8.6	(5.8,11.5)	0.8	(0.3, 1.2)	0.7	(0.3, 1.1)
	Togo	ACC/AHA	26.6	(23.2,29.9)	2.9	(1.6, 4.1)	1.2	(0.0, 2.4)
		140/90	26.5	(23.2,29.8)	2.9	(1.6, 4.1)	1.2	(0.0, 2.4)
		NICE	6.9	(4.9, 9.0)	1.3	(0.4, 2.2)	1.2	(-0.3, 2.6)
		WHO Hearts	6.4	(4.4, 8.4)	1.0	(0.3, 1.7)	0.7	(-0.4, 1.9)
	Uganda	ACC/AHA	27.1	(23.7,30.6)	2.3	(1.2, 3.3)	0.7	(0.2, 1.1)
		140/90	26.8	(23.4,30.2)	2.3	(1.2, 3.3)	0.7	(0.2, 1.1)
		NICE	7.7	(5.5, 9.9)	1.9	(0.9, 2.9)	0.5	(0.0, 0.9)
		WHO Hearts	6.6	(4.4, 8.7)	1.8	(0.8, 2.8)	0.2	(-0.1, 0.5)
	Zambia	ACC/AHA	20.1	(17.3,22.8)	3.7	(2.0, 5.4)	1.6	(0.6, 2.6)
		140/90	19.8	(17.0,22.5)	3.6	(1.9, 5.3)	1.6	(0.6, 2.6)
		NICE	5.2	(3.7, 6.7)	1.6	(0.6, 2.6)	0.6	(-0.1, 1.4)
		WHO Hearts	4.5	(3.0, 5.9)	1.5	(0.5, 2.4)	0.6	(-0.1, 1.3)
Americas	Belize	ACC/AHA	18.3	(14.4,22.2)	3.0	(1.5, 4.5)	2.3	(1.1, 3.5)
		140/90	17.8	(13.9,21.7)	2.9	(1.4, 4.3)	2.3	(1.1, 3.5)
		NICE	4.4	(2.8, 6.1)	1.3	(0.4, 2.3)	1.1	(0.3, 1.8)
		WHO Hearts	2.9	(1.5, 4.4)	0.6	(0.0, 1.1)	0.8	(0.2, 1.5)
	Brazil	ACC/AHA	19.1	(18.1,20.2)	3.0	(2.5, 3.5)	7.8	(7.2, 8.5)
		140/90	18.7	(17.7,19.7)	2.9	(2.4, 3.5)	7.6	(7.0, 8.3)
		NICE	5.5	(4.9, 6.1)	1.5	(1.1, 1.9)	3.9	(3.4, 4.4)
		WHO Hearts	4.5	(3.9, 5.0)	1.4	(1.0, 1.8)	3.2	(2.7, 3.7)
	Chile	ACC/AHA	18.8	(15.2,22.4)	10.2	(7.8,12.7)	4.8	(3.1, 6.4)
		140/90	16.5	(12.8,20.2)	9.9	(7.5,12.4)	4.3	(2.6, 6.0)

		NICE	8.4	(6.1,10.7)	5.8	(3.9, 7.7)	2.4	(1.4, 3.5)
		WHO Hearts	3.0	(1.6, 4.4)	3.2	(2.0, 4.4)	1.9	(1.0, 2.9)
	Costa Rica	ACC/AHA	5.8	(4.1, 7.6)	4.2	(2.2, 6.1)	5.9	(4.1, 7.7)
		140/90	5.7	(4.0, 7.5)	4.2	(2.2, 6.1)	5.5	(3.7, 7.4)
		NICE	1.2	(0.4, 2.0)	3.0	(1.1, 4.8)	1.6	(0.7, 2.5)
		WHO Hearts	1.1	(0.4, 1.8)	2.4	(1.0, 3.8)	1.3	(0.3, 2.2)
	Ecuador	ACC/AHA	12.7	(10.3,15.1)	3.0	(2.1, 3.9)	2.6	(1.7, 3.6)
		140/90	12.5	(10.2,14.9)	3.0	(2.1, 3.9)	2.6	(1.7, 3.6)
		NICE	4.6	(1.7, 7.5)	0.9	(0.6, 1.2)	1.0	(0.2, 1.8)
		WHO Hearts	4.0	(1.4, 6.6)	0.9	(0.5, 1.2)	0.9	(0.2, 1.5)
	Grenada	ACC/AHA	27.4	(22.8,32.0)	9.5	(6.5,12.6)	9.0	(5.7,12.3)
		140/90	27.1	(22.5,31.7)	9.5	(6.5,12.6)	8.5	(5.3,11.7)
		NICE	8.2	(4.4,12.0)	5.6	(2.9, 8.3)	3.0	(1.3, 4.7)
		WHO Hearts	6.4	(3.3, 9.6)	4.1	(2.0, 6.3)	2.7	(1.1, 4.3)
	Guyana	ACC/AHA	16.4	(13.6,19.3)	5.5	(3.8, 7.2)	7.2	(4.6, 9.9)
		140/90	15.6	(12.7,18.4)	4.8	(3.1, 6.6)	7.0	(4.3, 9.7)
		NICE	6.9	(5.1, 8.7)	2.6	(1.4, 3.8)	4.6	(2.4, 6.7)
		WHO Hearts	4.5	(3.1, 5.9)	2.0	(0.9, 3.0)	3.4	(1.3, 5.4)
	Mexico	ACC/AHA	23.2	(19.6,26.9)	1.3	(0.5, 2.1)	4.4	(3.0, 5.9)
		140/90	22.5	(18.9,26.1)	1.3	(0.4, 2.1)	4.4	(2.9, 5.8)
		NICE	6.8	(4.6, 9.0)	0.7	(0.1, 1.4)	2.6	(1.6, 3.6)
		WHO Hearts	5.1	(3.0, 7.2)	0.6	(0.0, 1.2)	2.0	(0.9, 3.0)
	St. Vincent & the Grenadines	ACC/AHA	20.6	(17.5,23.6)	5.3	(3.8, 6.9)	5.0	(3.6, 6.4)
		140/90	19.4	(16.4,22.5)	5.3	(3.8, 6.9)	4.9	(3.5, 6.3)
		NICE	7.3	(5.7, 8.9)	2.8	(1.6, 4.1)	3.2	(1.9, 4.4)
		WHO Hearts	4.9	(3.6, 6.2)	2.4	(1.2, 3.5)	2.3	(1.3, 3.3)
Eastern Mediterranean	Iran	ACC/AHA	19.0	(18.2,19.8)	4.2	(3.9, 4.6)	4.2	(3.8, 4.5)
		140/90	13.6	(12.9,14.4)	3.6	(3.2, 3.9)	3.4	(3.1, 3.7)
		NICE	7.3	(6.8, 7.9)	2.6	(2.3, 2.9)	3.0	(2.7, 3.3)

		WHO Hearts	4.1	(3.7, 4.4)	1.6	(1.4, 1.8)	2.1	(1.8, 2.3)
	Iraq	ACC/AHA	26.4	(22.5,30.3)	11.0	(8.3,13.8)	12.6	(10.2,14.9)
		140/90	22.1	(18.3,26.0)	10.0	(7.3,12.6)	10.8	(8.5,13.0)
		NICE	11.4	(8.7,14.2)	7.9	(5.4,10.4)	8.2	(6.4,10.0)
	Lebanon	WHO Hearts	7.2	(4.7, 9.7)	5.6	(3.5, 7.7)	6.0	(4.6, 7.4)
		ACC/AHA	29.3	(24.0,34.6)	2.5	(0.8, 4.3)	9.4	(7.1,11.8)
		140/90	22.4	(16.8,27.9)	1.8	(0.4, 3.2)	7.6	(5.4, 9.8)
		NICE	16.5	(11.2,21.8)	1.5	(0.1, 2.8)	6.9	(4.8, 9.0)
	Morocco	WHO Hearts	11.7	(6.7,16.7)	1.4	(0.1, 2.7)	4.8	(2.8, 6.8)
		ACC/AHA	30.4	(27.9,32.9)	4.3	(3.3, 5.3)	3.1	(2.3, 3.8)
		140/90	22.7	(20.2,25.2)	3.9	(2.9, 4.9)	2.6	(1.8, 3.3)
		NICE	12.9	(11.0,14.8)	3.0	(2.1, 3.9)	2.3	(1.6, 3.1)
	Sudan	WHO Hearts	7.8	(6.5, 9.1)	2.0	(1.3, 2.8)	1.6	(1.0, 2.2)
		ACC/AHA	37.8	(35.2,40.3)	2.5	(1.7, 3.3)	2.9	(2.1, 3.6)
		140/90	34.2	(31.7,36.6)	2.5	(1.7, 3.3)	2.7	(2.0, 3.3)
		NICE	15.4	(14.0,16.9)	1.9	(1.2, 2.6)	2.3	(1.7, 2.9)
	Azerbaijan	WHO Hearts	10.6	(9.2,12.0)	1.7	(1.0, 2.4)	2.0	(1.5, 2.6)
Europe		ACC/AHA	23.0	(20.1,25.9)	7.0	(5.3, 8.8)	8.3	(6.8, 9.9)
		140/90	19.3	(16.3,22.3)	6.2	(4.5, 8.0)	7.6	(6.1, 9.1)
		NICE	10.4	(8.2,12.5)	3.9	(2.6, 5.3)	6.3	(5.1, 7.6)
	Belarus	WHO Hearts	6.6	(4.8, 8.5)	3.3	(2.1, 4.5)	5.6	(4.4, 6.8)
		ACC/AHA	30.9	(28.5,33.2)	15.5	(13.5,17.5)	17.8	(16.0,19.6)
		140/90	23.2	(21.0,25.4)	14.0	(12.0,16.0)	16.6	(14.8,18.5)
		NICE	15.2	(13.3,17.1)	10.9	(9.2,12.6)	15.5	(13.7,17.3)
	Georgia	WHO Hearts	8.4	(7.1, 9.8)	7.8	(6.4, 9.3)	12.7	(11.1,14.3)
		ACC/AHA	22.5	(19.3,25.8)	10.9	(8.5,13.4)	12.8	(10.4,15.2)
		140/90	18.7	(15.6,21.7)	9.7	(7.3,12.0)	11.0	(8.7,13.3)
		NICE	10.1	(8.0,12.2)	7.1	(5.3, 9.0)	9.7	(7.5,11.9)
		WHO Hearts	8.0	(6.0, 9.9)	6.7	(4.9, 8.4)	8.5	(6.5,10.6)

South-East Asia	Kazakhstan	ACC/AHA	16.6	(15.4,17.9)	0.8	(0.5, 1.1)	8.1	(7.3, 8.9)
		140/90	11.2	(10.1,12.4)	0.7	(0.4, 1.1)	6.9	(6.1, 7.7)
		NICE	4.2	(3.5, 4.8)	0.4	(0.2, 0.6)	5.3	(4.6, 6.0)
		WHO Hearts	2.2	(1.7, 2.7)	0.2	(0.1, 0.4)	3.5	(2.9, 4.1)
	Kyrgyzstan	ACC/AHA	35.9	(31.9,39.9)	11.3	(8.6,14.0)	6.1	(4.3, 8.0)
		140/90	32.6	(28.8,36.4)	11.1	(8.4,13.8)	6.1	(4.3, 8.0)
		NICE	16.3	(13.3,19.3)	9.1	(6.5,11.6)	5.5	(3.7, 7.3)
		WHO Hearts	11.0	(8.5,13.4)	7.4	(5.0, 9.8)	5.3	(3.4, 7.1)
	Moldova	ACC/AHA	36.9	(33.9,39.8)	12.3	(10.4,14.2)	10.4	(8.8,12.0)
		140/90	28.6	(25.7,31.5)	11.4	(9.5,13.3)	9.5	(7.9,11.1)
		NICE	18.6	(16.4,20.8)	9.3	(7.7,10.9)	8.9	(7.5,10.3)
		WHO Hearts	11.9	(10.2,13.6)	7.0	(5.6, 8.4)	6.8	(5.5, 8.1)
	Tajikistan	ACC/AHA	39.7	(35.5,43.9)	8.2	(5.2,11.3)	6.1	(4.3, 7.9)
		140/90	38.1	(33.8,42.3)	7.9	(4.9,11.0)	6.0	(4.2, 7.8)
		NICE	16.5	(13.2,19.9)	6.1	(3.3, 8.9)	4.7	(3.1, 6.3)
		WHO Hearts	13.3	(10.3,16.3)	5.6	(2.8, 8.4)	4.1	(2.5, 5.6)
	Bhutan	ACC/AHA	29.9	(26.1,33.8)	8.4	(6.2,10.5)	3.3	(1.9, 4.7)
		140/90	29.2	(25.4,33.0)	8.4	(6.2,10.5)	3.3	(1.9, 4.7)
		NICE	9.6	(7.1,12.2)	3.5	(2.2, 4.8)	2.2	(1.0, 3.3)
		WHO Hearts	8.4	(6.0,10.9)	3.4	(2.1, 4.6)	2.0	(0.8, 3.1)
India	ACC/AHA	30.7	(30.5,30.9)	0.3	(0.3, 0.3)	0.7	(0.7, 0.8)	
	140/90	29.3	(29.1,29.5)	0.3	(0.2, 0.3)	0.7	(0.7, 0.7)	
	NICE	11.5	(11.4,11.7)	0.1	(0.1, 0.2)	0.4	(0.4, 0.4)	
	WHO Hearts	8.9	(8.8, 9.0)	0.1	(0.1, 0.1)	0.3	(0.3, 0.3)	
Indonesia	ACC/AHA	23.2	(22.3,24.2)	5.1	(4.5, 5.6)	1.9	(1.6, 2.2)	
	140/90	21.6	(20.6,22.6)	4.9	(4.4, 5.5)	1.8	(1.5, 2.2)	
	NICE	9.8	(9.1,10.4)	3.4	(3.0, 3.9)	1.5	(1.2, 1.8)	
	WHO Hearts	6.4	(5.8, 7.0)	3.1	(2.7, 3.4)	1.1	(0.9, 1.4)	
Myanmar	ACC/AHA	19.4	(16.8,22.1)	6.5	(5.1, 8.0)	4.9	(2.9, 7.0)	

		140/90	18.8	(16.2,21.5)	6.3	(4.9, 7.7)	4.9	(2.9, 6.9)
		NICE	8.1	(5.9,10.3)	4.4	(3.1, 5.7)	2.7	(1.5, 3.9)
		WHO Hearts	7.2	(5.1, 9.4)	4.0	(2.8, 5.2)	2.4	(1.2, 3.5)
	Nepal	ACC/AHA	34.4	(31.1,37.8)	3.2	(2.0, 4.3)	4.9	(3.4, 6.3)
		140/90	32.0	(28.8,35.3)	3.0	(1.9, 4.1)	4.4	(3.1, 5.8)
		NICE	12.8	(10.7,15.0)	1.5	(0.9, 2.1)	2.9	(1.8, 3.9)
		WHO Hearts	9.5	(7.5,11.6)	1.1	(0.6, 1.7)	1.9	(1.1, 2.7)
	Sri Lanka	ACC/AHA	25.2	(22.8,27.6)	3.5	(2.6, 4.4)	5.0	(4.0, 6.0)
		140/90	23.3	(21.0,25.7)	3.4	(2.5, 4.3)	4.8	(3.8, 5.8)
		NICE	9.2	(7.7,10.7)	1.7	(1.0, 2.4)	3.6	(2.8, 4.5)
		WHO Hearts	6.7	(5.3, 8.1)	1.5	(0.8, 2.2)	2.6	(1.8, 3.3)
	Timor-Leste	ACC/AHA	24.3	(21.5,27.1)	3.2	(2.1, 4.3)	2.5	(1.5, 3.5)
		140/90	22.5	(19.7,25.3)	3.1	(2.0, 4.1)	2.5	(1.5, 3.5)
		NICE	9.7	(7.9,11.6)	2.2	(1.3, 3.1)	1.8	(1.0, 2.7)
		WHO Hearts	7.2	(5.4, 9.0)	1.9	(1.0, 2.8)	1.7	(0.9, 2.6)
	Cambodia	ACC/AHA	13.8	(11.9,15.7)	2.2	(1.4, 3.0)	1.2	(0.7, 1.8)
		140/90	12.4	(10.6,14.2)	2.0	(1.3, 2.8)	1.1	(0.6, 1.5)
		NICE	5.3	(3.7, 6.8)	1.2	(0.7, 1.8)	0.7	(0.0, 1.4)
		WHO Hearts	3.1	(2.0, 4.2)	1.1	(0.5, 1.6)	0.6	(-0.5, 1.7)
	China	ACC/AHA	30.1	(28.5,31.8)	1.9	(1.5, 2.4)	7.3	(6.6, 8.0)
		140/90	24.9	(23.2,26.5)	1.8	(1.4, 2.2)	6.4	(5.7, 7.0)
		NICE	12.9	(11.9,14.0)	1.3	(1.0, 1.7)	5.2	(4.6, 5.8)
		WHO Hearts	8.4	(7.5, 9.3)	1.0	(0.7, 1.2)	3.2	(2.7, 3.7)
	Mongolia	ACC/AHA	11.7	(10.0,13.5)	8.7	(7.3,10.0)	11.6	(9.9,13.2)
		140/90	11.2	(9.5,12.9)	8.3	(7.0, 9.6)	11.1	(9.4,12.7)
		NICE	4.9	(3.6, 6.2)	3.6	(2.7, 4.5)	7.2	(5.7, 8.7)
		WHO Hearts	4.1	(2.9, 5.3)	2.6	(1.8, 3.3)	6.0	(4.7, 7.4)
	Vanuatu	ACC/AHA	32.1	(29.3,34.9)	3.9	(2.8, 5.0)	0.9	(-1.4, 3.1)

Western
Pacific

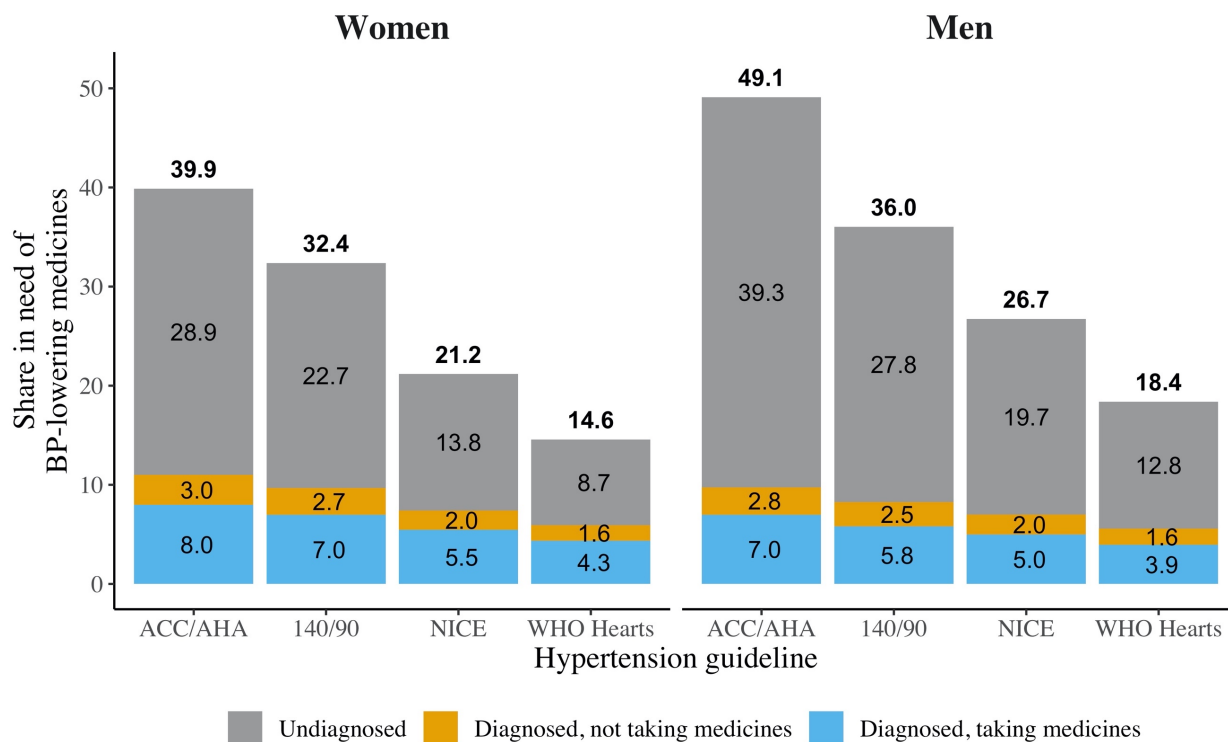
140/90	30.2	(27.6,32.8)	3.8	(2.7, 4.9)	0.9	(-1.3, 3.1)
NICE	13.5	(9.9,17.1)	2.5	(1.6, 3.4)	2.5	(-2.6, 7.6)
WHO Hearts	9.1	(7.2,11.0)	2.1	(1.2, 3.1)	1.6	(-3.3, 6.4)

Abbreviations: ACC/AHA = American College of Cardiology/American Heart Association; NICE = United Kingdom's National Institute for Health and Care Excellence; WHO Hearts = World Health Organization Hearts/Package of Essential Noncommunicable disease interventions.

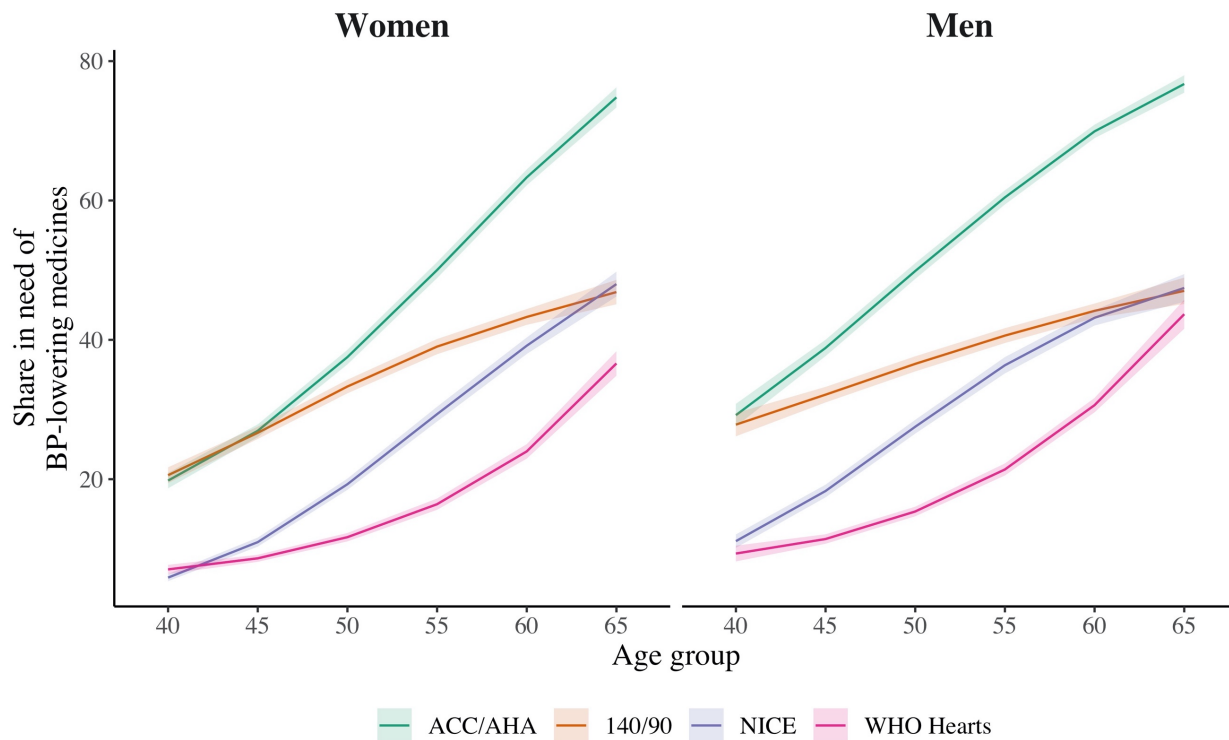
Supplemental Table V: Proportion of the population in need of BP-lowering medicines by guideline across WHO regions and sex

		Undiagnosed		Diagnosed, not taking medicines		Diagnosed, taking medicines	
		%	95% CI	%	95% CI	%	95% CI
Female							
<i>Africa</i>	ACC/AHA	21.0	(20.2, 21.8)	4.4	(4.1, 4.8)	5.1	(4.8, 5.5)
	140/90	20.6	(19.8, 21.4)	4.4	(4.0, 4.7)	4.9	(4.5, 5.2)
	NICE	8.0	(7.4, 8.5)	2.4	(2.2, 2.7)	3.2	(2.9, 3.5)
	WHO Hearts	7.2	(6.6, 7.8)	2.2	(2.0, 2.5)	2.6	(2.3, 2.8)
<i>Americas</i>	ACC/AHA	11.1	(10.3, 11.9)	2.5	(2.1, 2.8)	8.3	(7.8, 8.9)
	140/90	11.1	(10.3, 11.9)	2.4	(2.1, 2.8)	8.3	(7.7, 8.8)
	NICE	3.0	(2.5, 3.4)	0.9	(0.7, 1.1)	3.4	(3.0, 3.7)
	WHO Hearts	2.9	(2.4, 3.3)	0.9	(0.7, 1.1)	3.2	(2.9, 3.6)
<i>Eastern Mediterranean</i>	ACC/AHA	19.2	(18.5, 19.8)	6.3	(5.9, 6.8)	8.6	(8.1, 9.0)
	140/90	16.6	(16.0, 17.3)	5.7	(5.3, 6.1)	7.7	(7.2, 8.1)
	NICE	7.6	(7.2, 8.0)	3.5	(3.2, 3.8)	6.2	(5.8, 6.5)
	WHO Hearts	4.7	(4.3, 5.0)	2.4	(2.2, 2.7)	4.2	(3.8, 4.5)
<i>Europe</i>	ACC/AHA	16.9	(16.1, 17.7)	7.0	(6.5, 7.5)	16.0	(15.4, 16.6)
	140/90	16.1	(15.4, 16.9)	6.7	(6.3, 7.2)	15.2	(14.6, 15.8)
	NICE	6.1	(5.6, 6.5)	4.1	(3.7, 4.5)	10.9	(10.4, 11.4)
	WHO Hearts	5.0	(4.5, 5.4)	3.4	(3.0, 3.7)	8.5	(8.0, 9.0)
<i>South-East Asia</i>	ACC/AHA	24.8	(24.6, 25.0)	2.4	(2.3, 2.5)	2.0	(1.9, 2.1)
	140/90	24.5	(24.3, 24.7)	2.4	(2.2, 2.5)	2.0	(1.9, 2.1)
	NICE	8.9	(8.8, 9.1)	1.3	(1.2, 1.4)	1.1	(1.1, 1.2)
	WHO Hearts	8.1	(8.0, 8.3)	1.2	(1.2, 1.3)	1.1	(1.0, 1.1)
<i>Western Pacific</i>	ACC/AHA	18.0	(17.0, 19.0)	1.3	(1.0, 1.6)	6.9	(6.3, 7.5)
	140/90	15.8	(14.7, 16.8)	1.2	(0.9, 1.5)	6.3	(5.7, 6.9)
	NICE	6.5	(5.8, 7.1)	0.8	(0.6, 1.0)	4.7	(4.2, 5.3)

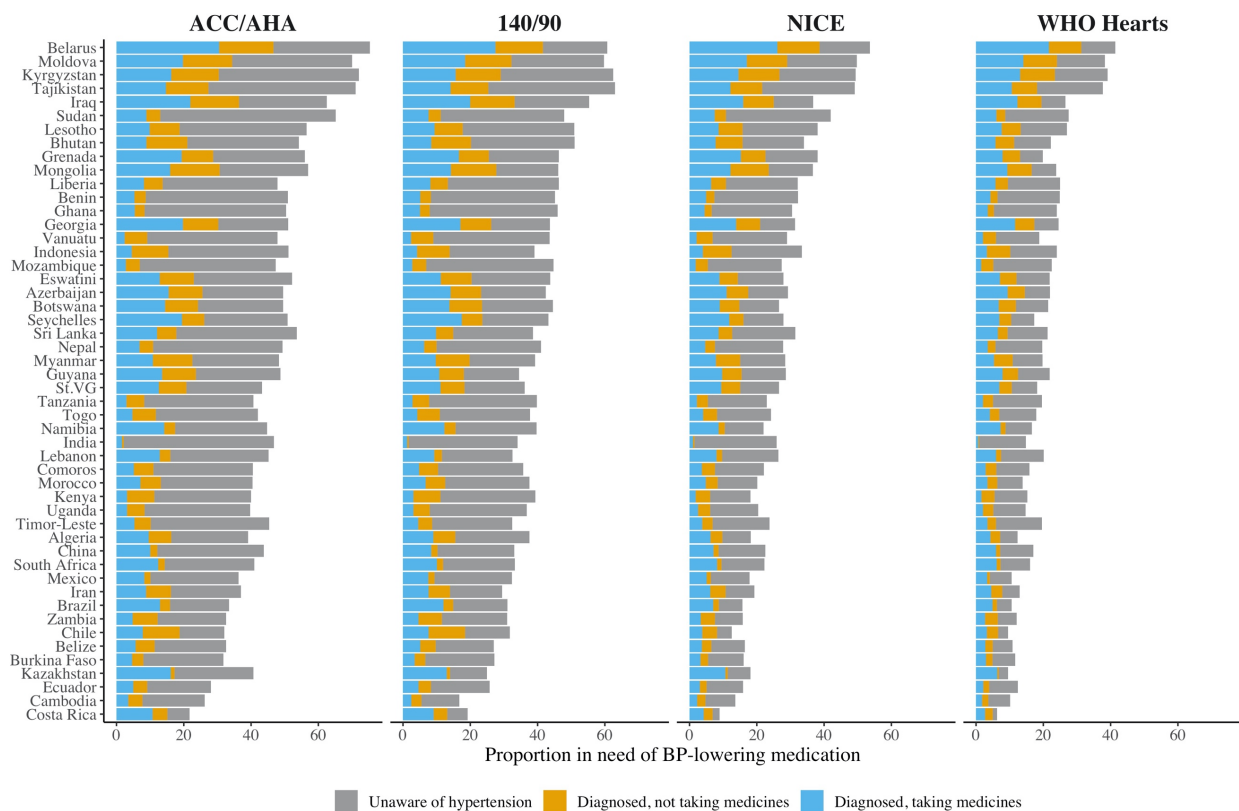
	WHO Hearts	3.8	(3.3, 4.4)	0.6	(0.4, 0.8)	3.3	(2.8, 3.7)
Male							
<i>Africa</i>	ACC/AHA	26.8	(25.7, 27.8)	2.8	(2.4, 3.2)	3.0	(2.7, 3.3)
	140/90	25.4	(24.4, 26.5)	2.7	(2.3, 3.1)	2.8	(2.4, 3.1)
	NICE	9.5	(8.8, 10.2)	1.8	(1.4, 2.1)	1.9	(1.6, 2.2)
	WHO Hearts	7.7	(7.0, 8.4)	1.5	(1.2, 1.8)	1.4	(1.2, 1.7)
<i>Americas</i>	ACC/AHA	19.9	(18.6, 21.2)	2.9	(2.5, 3.3)	6.5	(5.9, 7.1)
	140/90	19.3	(18.0, 20.6)	2.8	(2.4, 3.3)	6.3	(5.8, 6.9)
	NICE	5.9	(5.2, 6.7)	1.5	(1.2, 1.8)	3.3	(2.9, 3.7)
	WHO Hearts	4.5	(3.8, 5.2)	1.3	(0.9, 1.6)	2.7	(2.3, 3.0)
<i>Eastern Mediterranean</i>	ACC/AHA	25.4	(24.4, 26.3)	4.9	(4.4, 5.4)	5.2	(4.7, 5.6)
	140/90	19.9	(19.0, 20.9)	4.3	(3.9, 4.8)	4.3	(3.9, 4.7)
	NICE	10.5	(9.9, 11.2)	3.3	(2.8, 3.7)	3.7	(3.3, 4.0)
	WHO Hearts	6.5	(5.9, 7.0)	2.3	(1.9, 2.6)	2.6	(2.4, 2.9)
<i>Europe</i>	ACC/AHA	26.9	(25.9, 27.9)	8.2	(7.5, 9.0)	10.2	(9.6, 10.8)
	140/90	21.9	(20.9, 22.8)	7.6	(6.9, 8.3)	9.3	(8.7, 9.9)
	NICE	11.5	(10.8, 12.2)	5.7	(5.1, 6.3)	8.1	(7.5, 8.6)
	WHO Hearts	7.5	(6.8, 8.1)	4.5	(4.0, 5.1)	6.5	(6.0, 7.0)
<i>South-East Asia</i>	ACC/AHA	29.1	(28.9, 29.4)	1.3	(1.2, 1.4)	1.2	(1.1, 1.3)
	140/90	27.7	(27.4, 27.9)	1.3	(1.2, 1.4)	1.1	(1.0, 1.2)
	NICE	11.1	(11.0, 11.3)	0.8	(0.8, 0.9)	0.7	(0.7, 0.8)
	WHO Hearts	8.4	(8.3, 8.6)	0.7	(0.7, 0.8)	0.5	(0.5, 0.6)
<i>Western Pacific</i>	ACC/AHA	30.0	(28.4, 31.6)	1.9	(1.5, 2.4)	7.2	(6.5, 7.9)
	140/90	24.8	(23.2, 26.4)	1.8	(1.4, 2.3)	6.3	(5.7, 7.0)
	NICE	12.9	(11.8, 13.9)	1.3	(1.0, 1.7)	5.2	(4.6, 5.7)
	WHO Hearts	8.4	(7.5, 9.3)	1.0	(0.7, 1.2)	3.2	(2.7, 3.7)



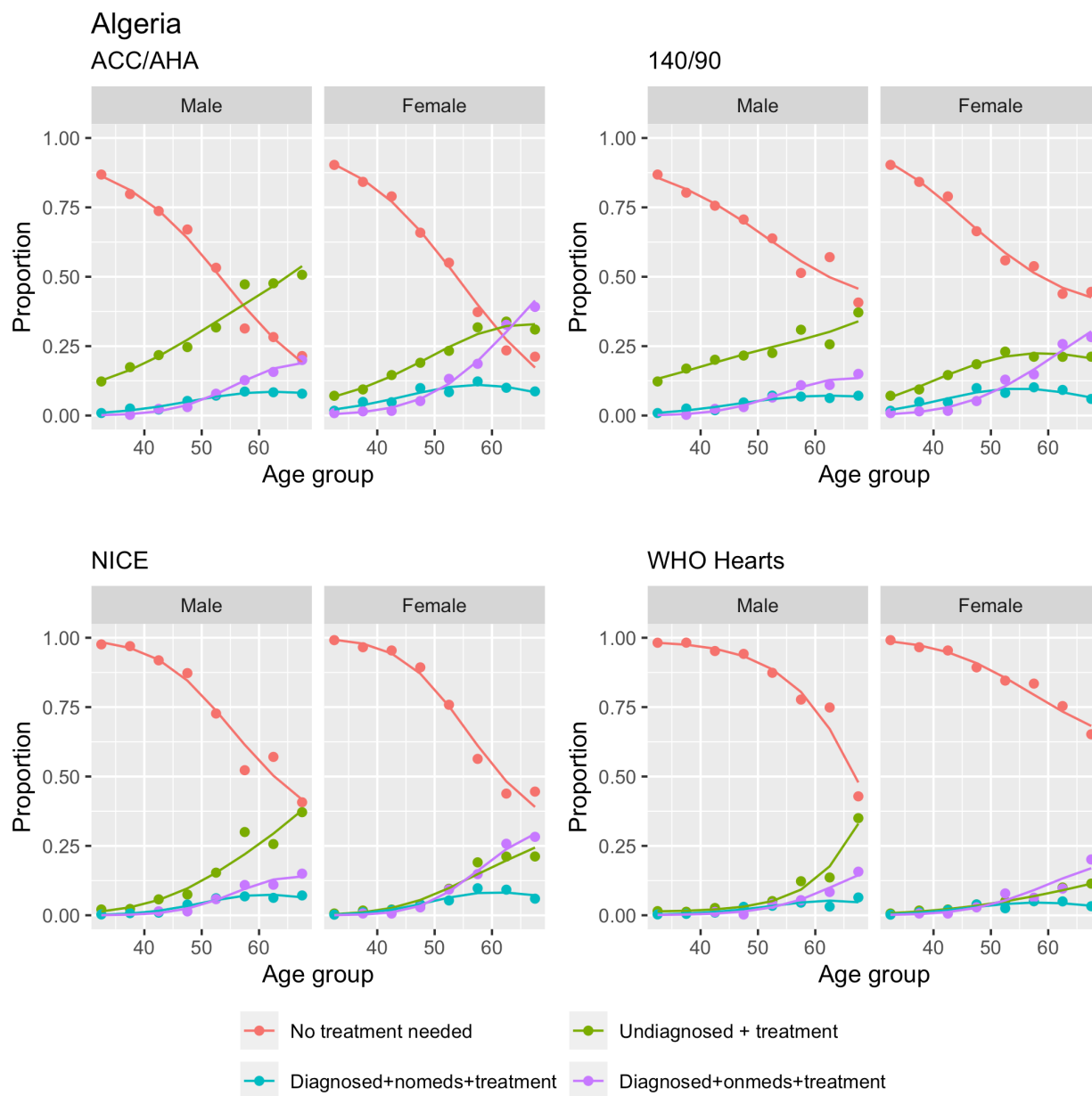
Supplemental Figure I: Proportion (%) of adults ages 40-70 from 50 low- and middle-income countries in need of BP-lowering medicines by hypertension treatment guidelines, stages of hypertension care, and sex using the Globorisk CVD risk score. Countries are weighted by proportionate size of their 40-70 population.



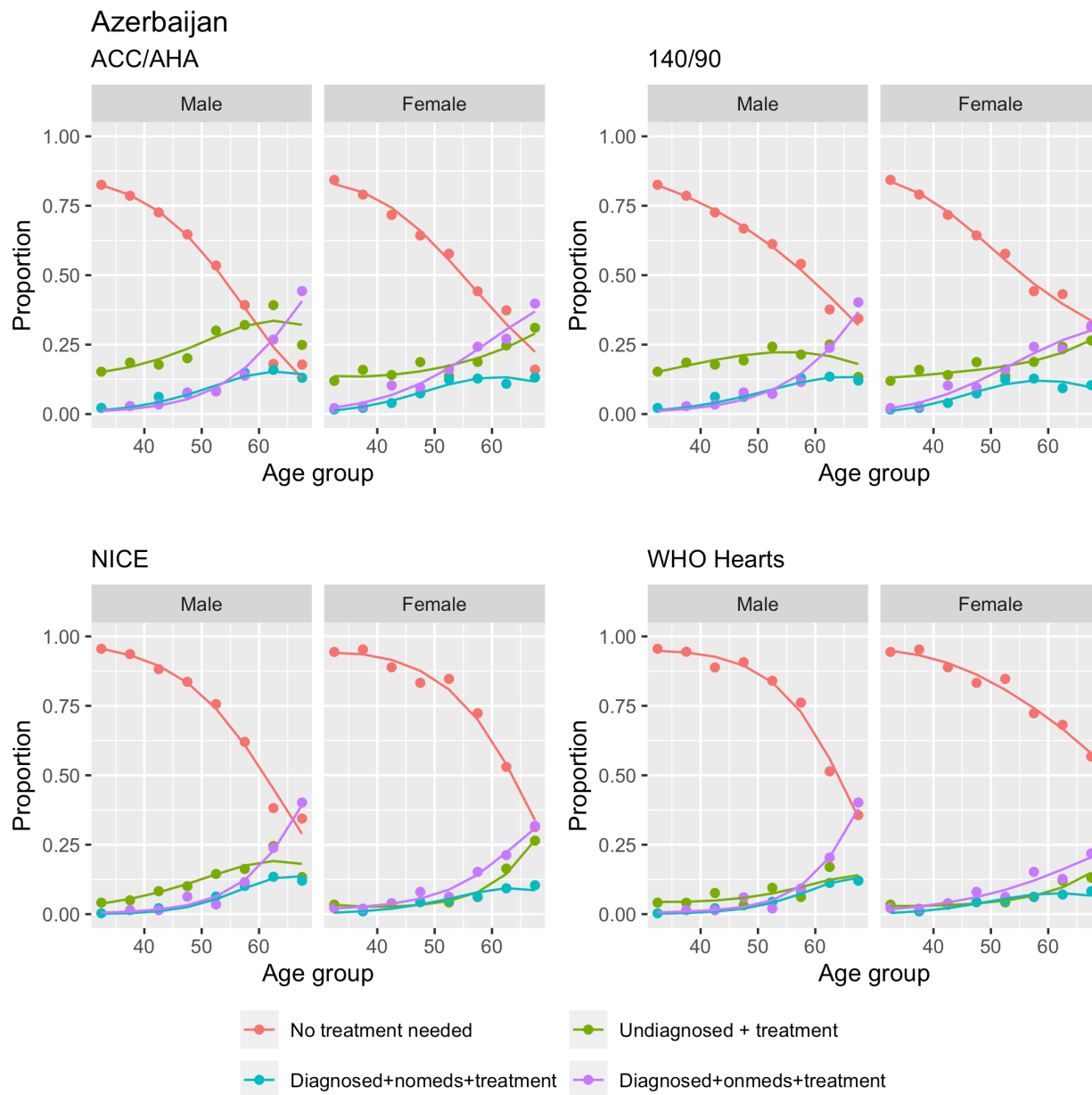
Supplemental Figure II: Proportion of the population ages 40-70 in need of BP-lowering medicines by guideline across age groups and sex using the Globorisk CVD risk score. Shaded areas are 95% confidence intervals.



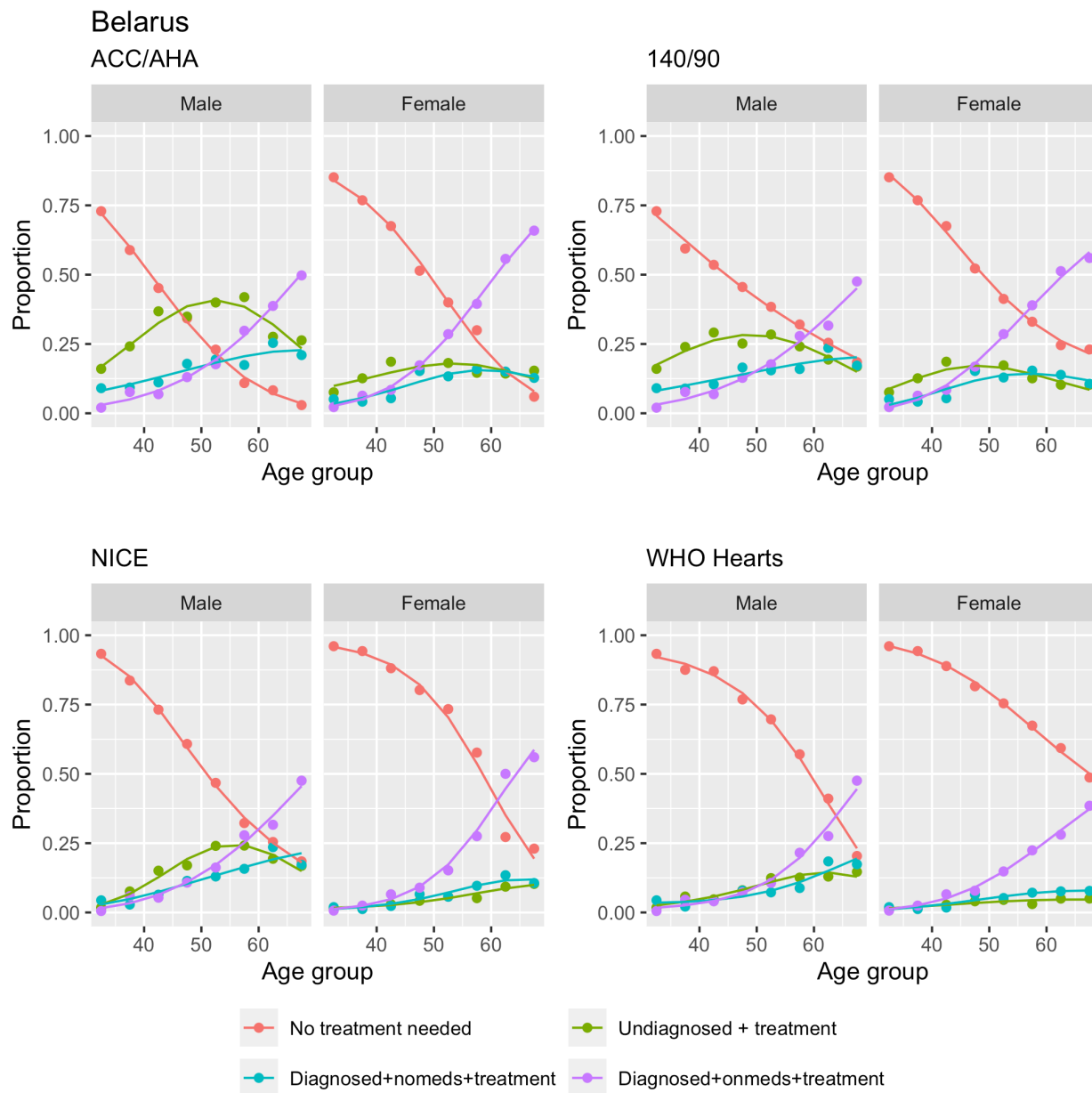
Supplemental Figure III: Proportion of adults ages 30-70 from 50 low- and middle-income countries in need of BP-lowering medicines by hypertension treatment guideline and stages of the hypertension care using the Globorisk CVD score.



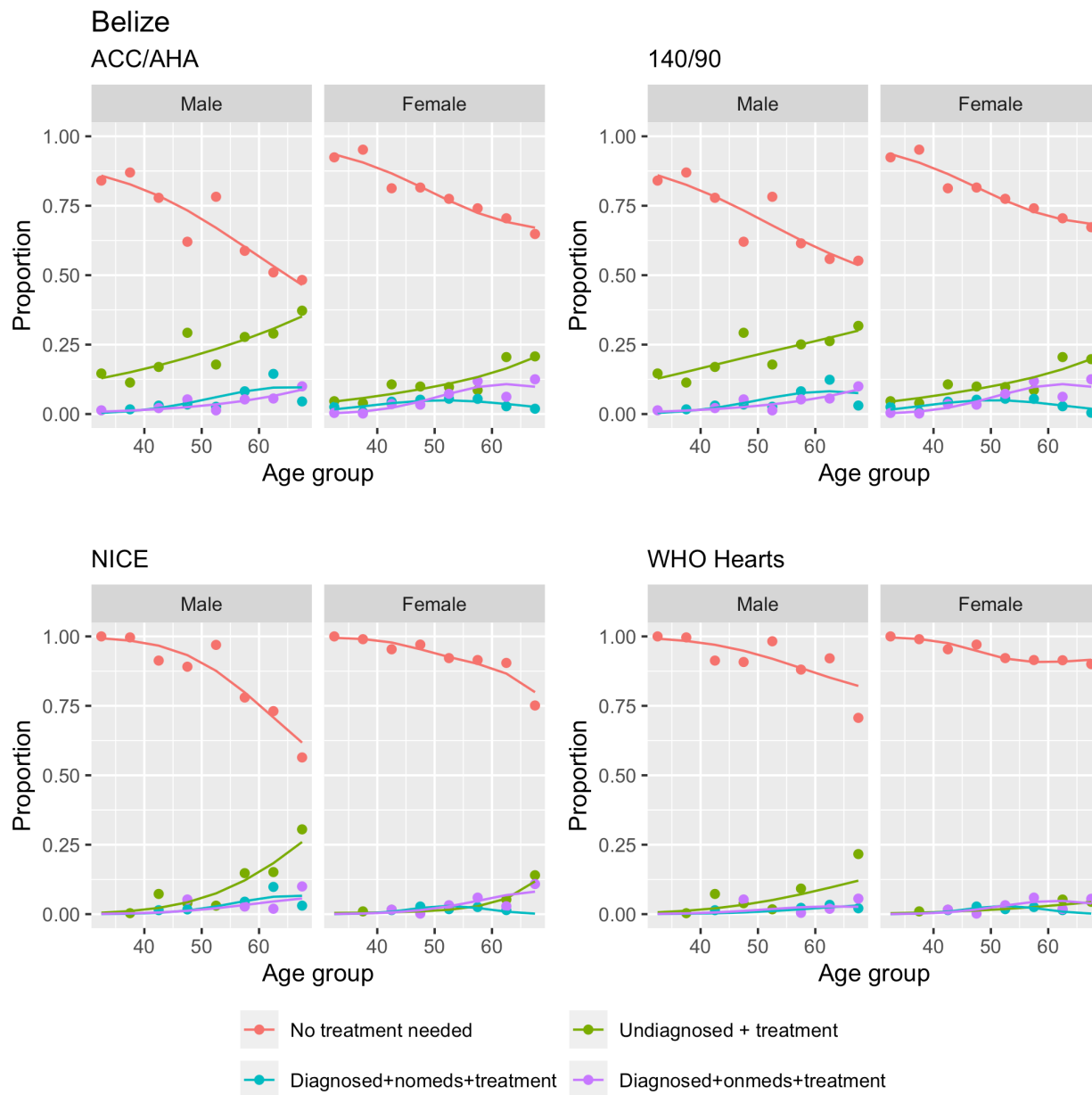
Supplemental Figure IV: Regression model fit of treatment need by age for Algeria. Lines are the model predicted proportions and the dots are the raw proportions by 5-year age group.



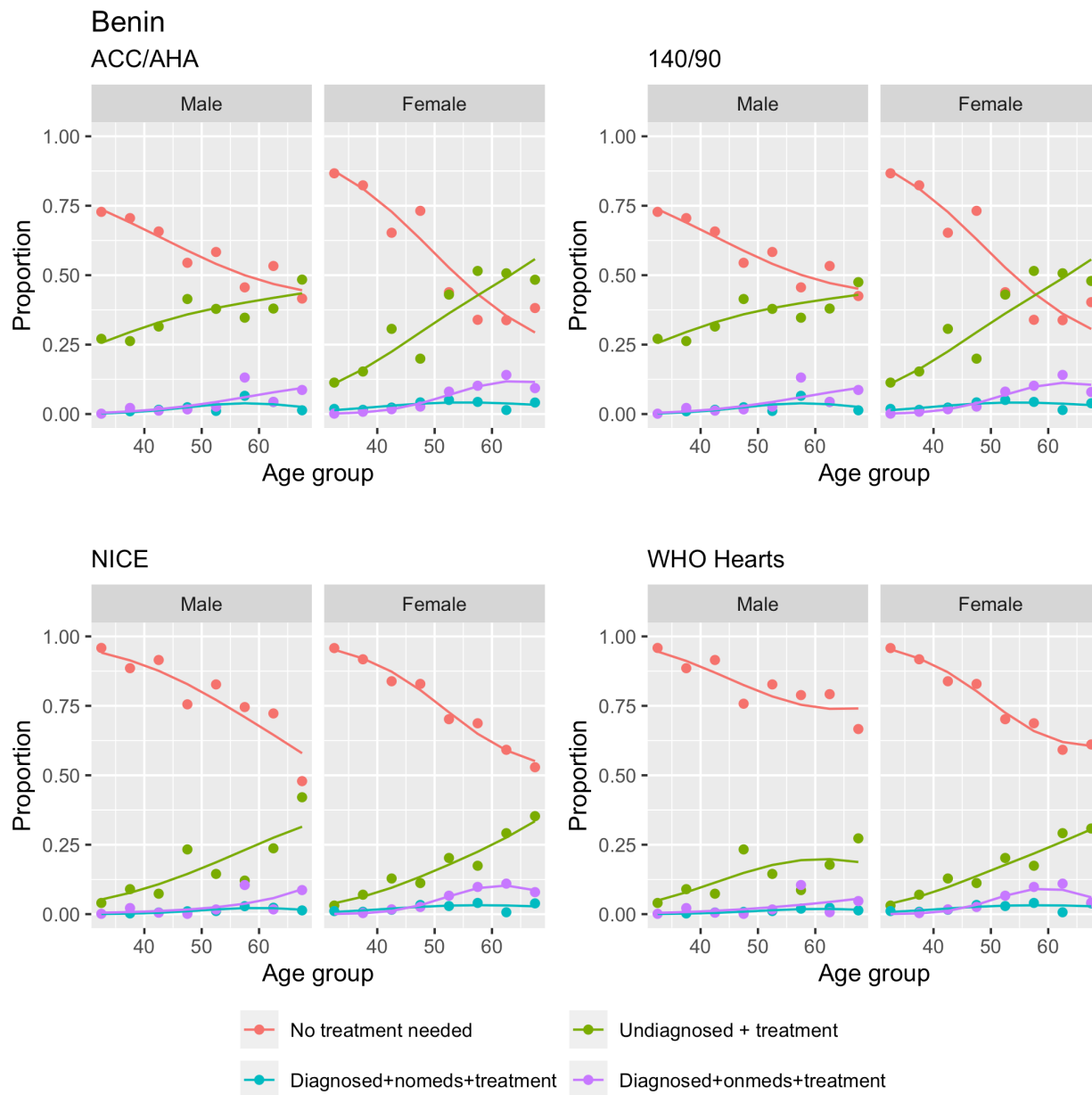
Supplemental Figure V: Regression model fit of treatment need by age for Azerbaijan. Lines are the model predicted proportions and the dots are the raw proportions by 5-year age group.



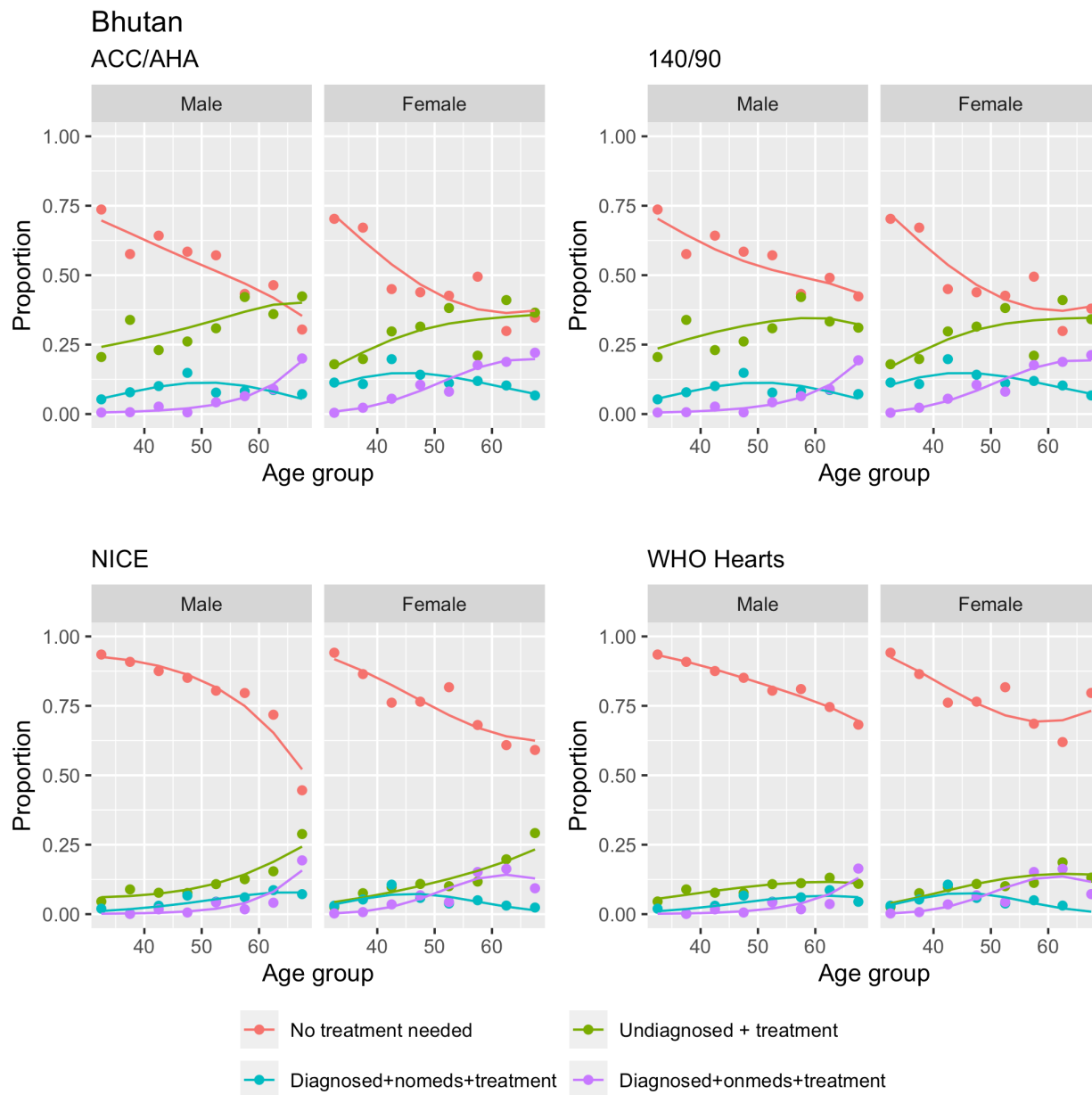
Supplemental Figure VI: Regression model fit of treatment need by age for Belarus. Lines are the model predicted proportions and the dots are the raw proportions by 5-year age group.



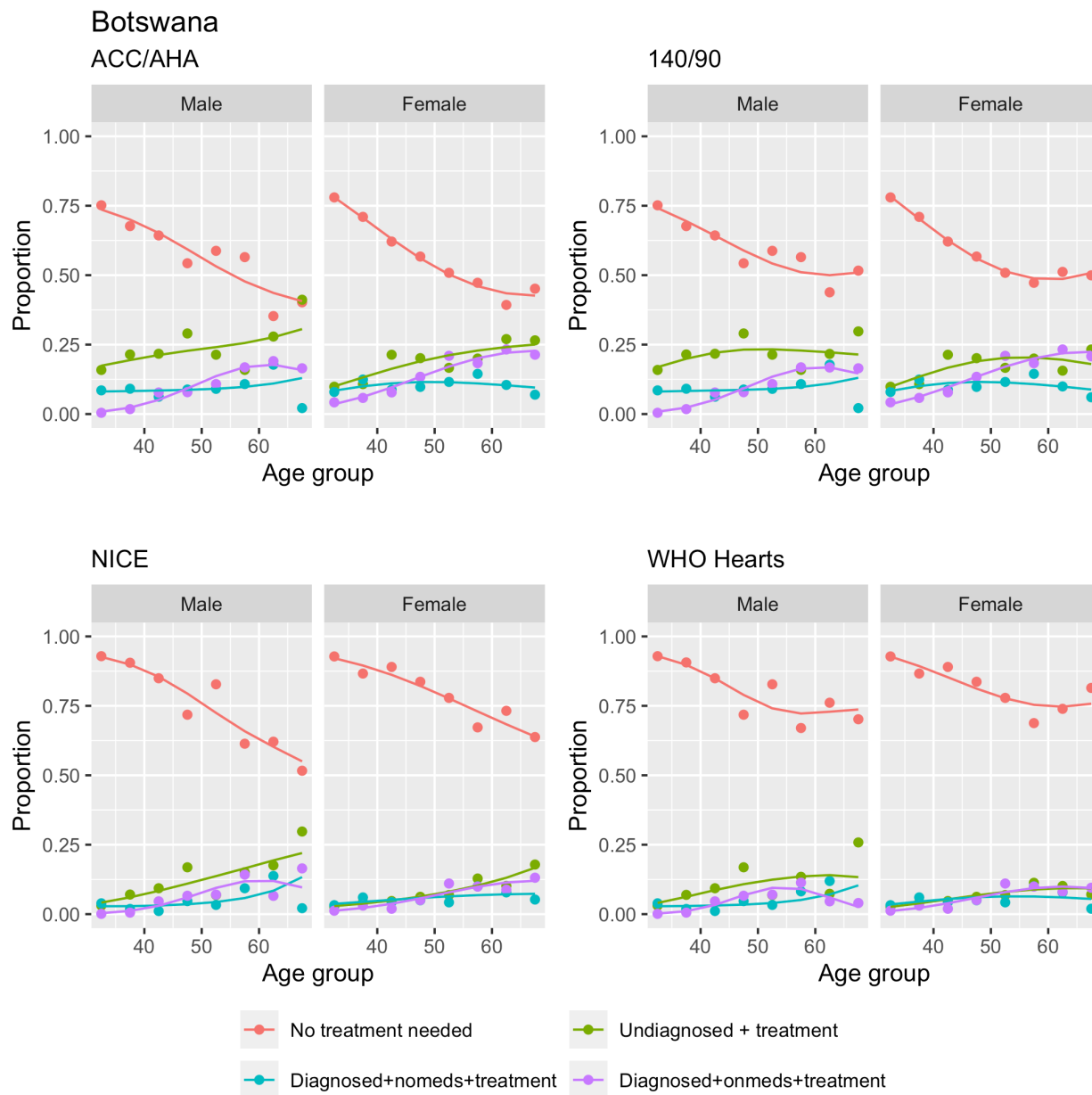
Supplemental Figure VII: Regression model fit of treatment need by age for Belize. Lines are the model predicted proportions and the dots are the raw proportions by 5-year age group.



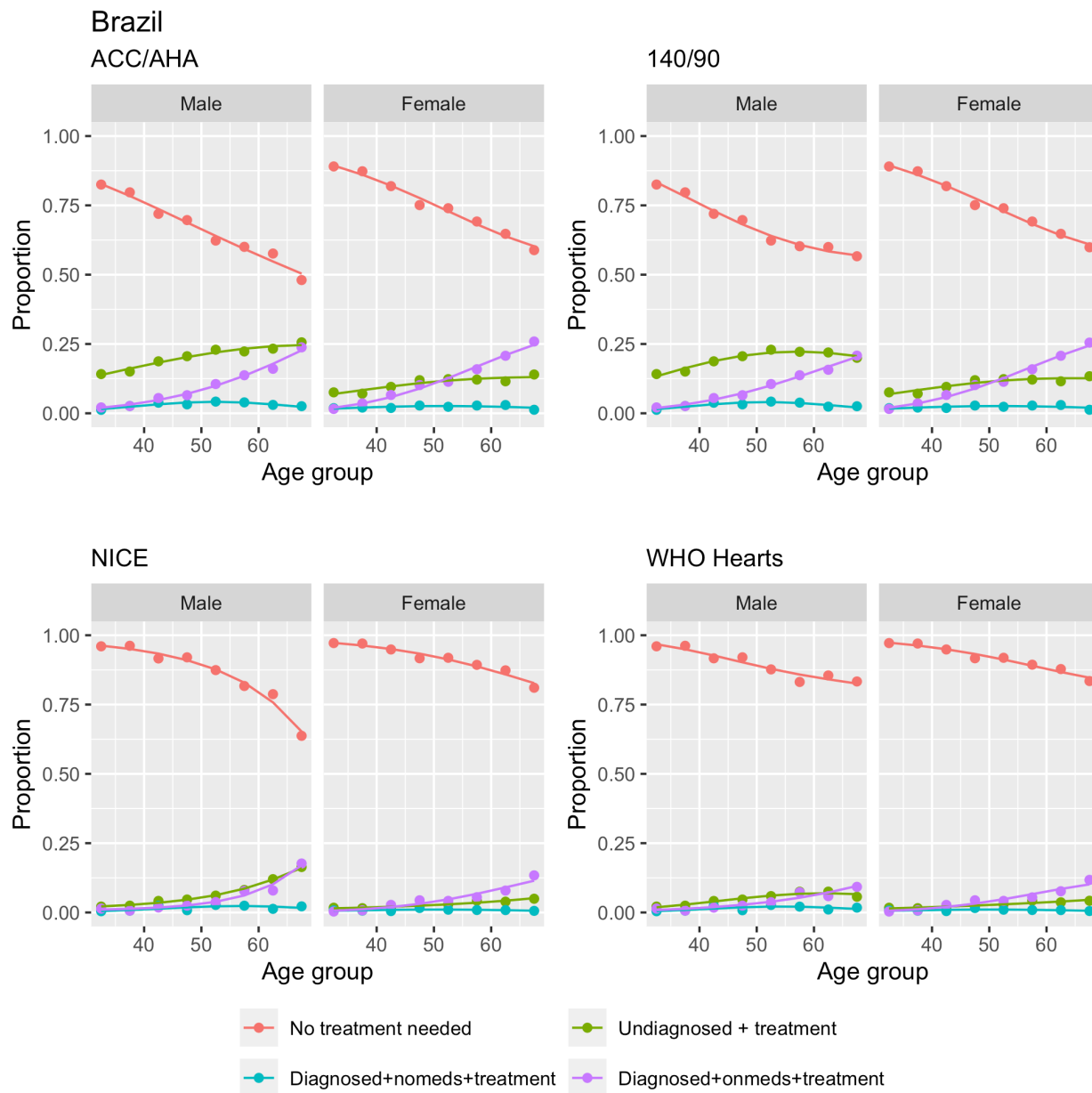
Supplemental Figure VIII: Regression model fit of treatment need by age for Benin. Lines are the model predicted proportions and the dots are the raw proportions by 5-year age group.



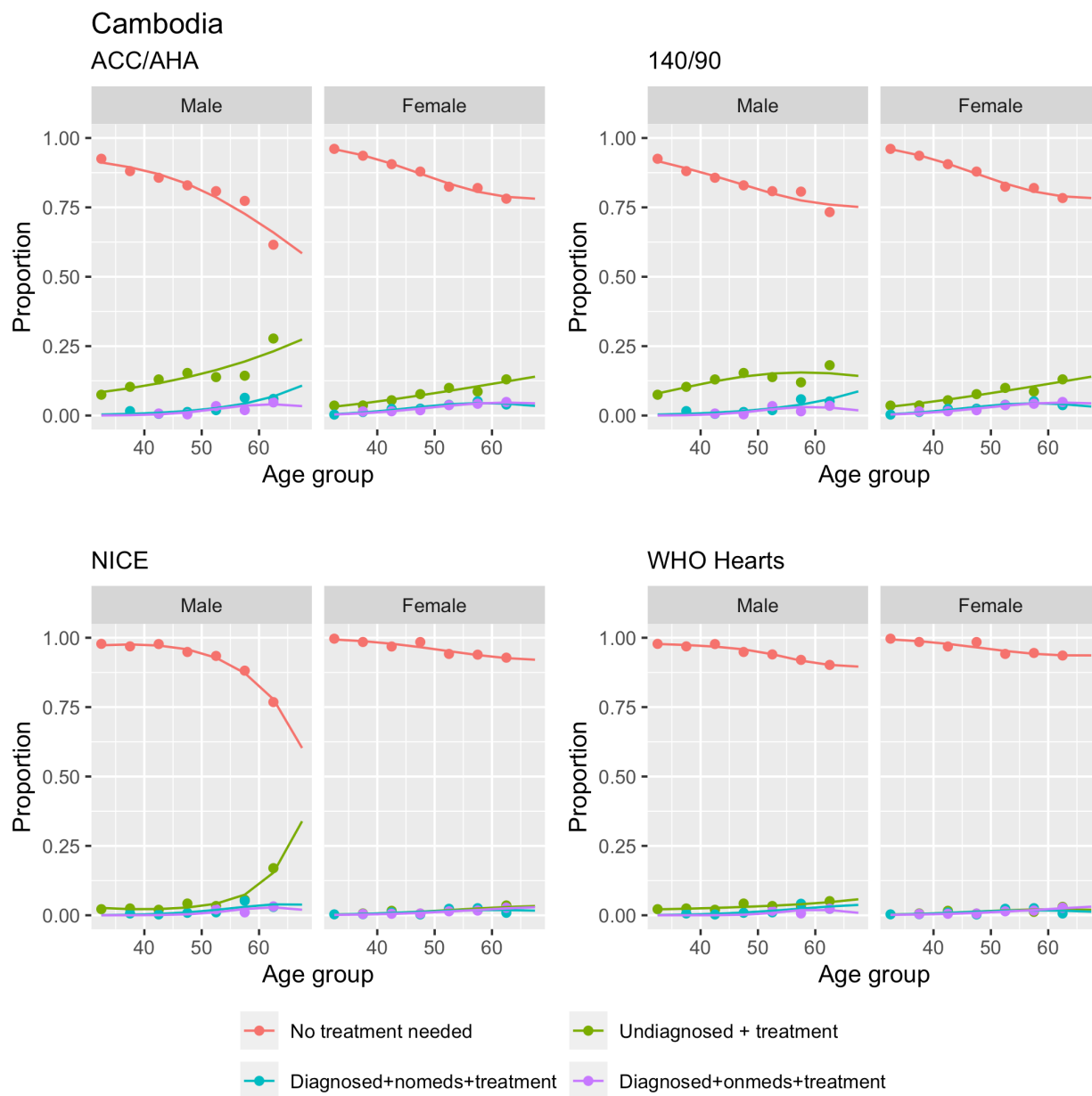
Supplemental Figure IX: Regression model fit of treatment need by age for Bhutan. Lines are the model predicted proportions and the dots are the raw proportions by 5-year age group.



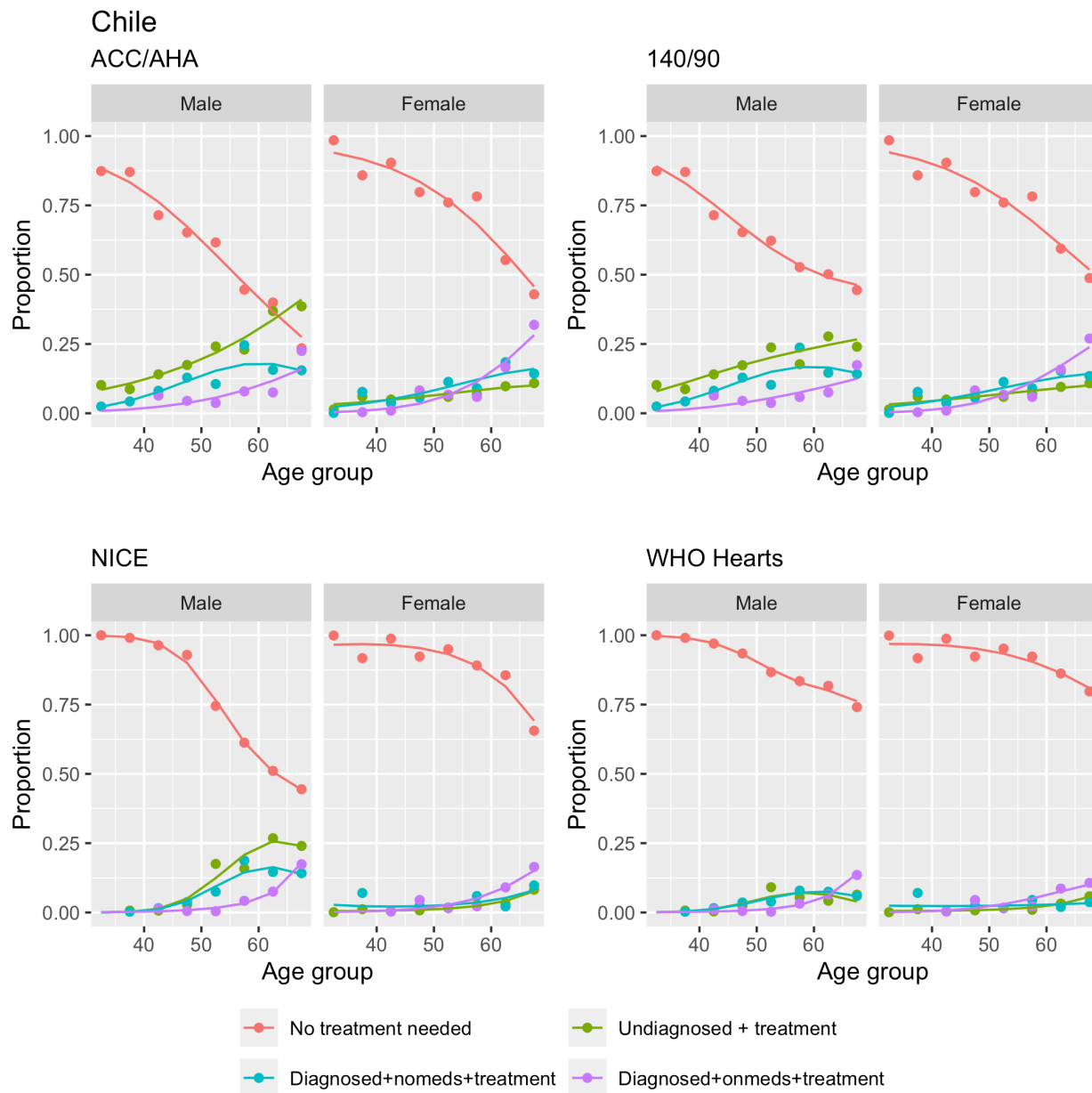
Supplemental Figure X: Regression model fit of treatment need by age for Botswana. Lines are the model predicted proportions and the dots are the raw proportions by 5-year age group.



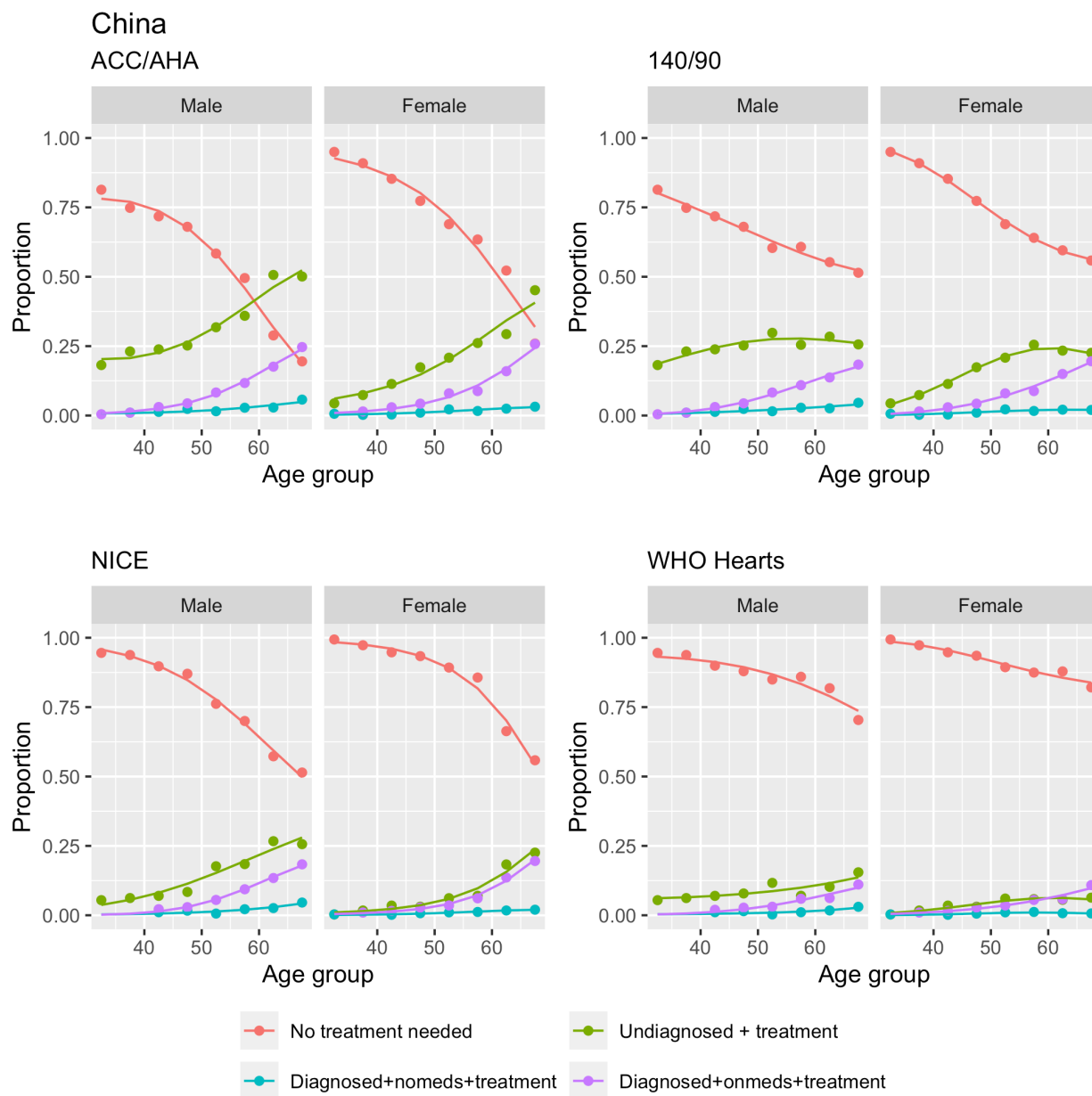
Supplemental Figure XI: Regression model fit of treatment need by age for Brazil. Lines are the model predicted proportions and the dots are the raw proportions by 5-year age group.



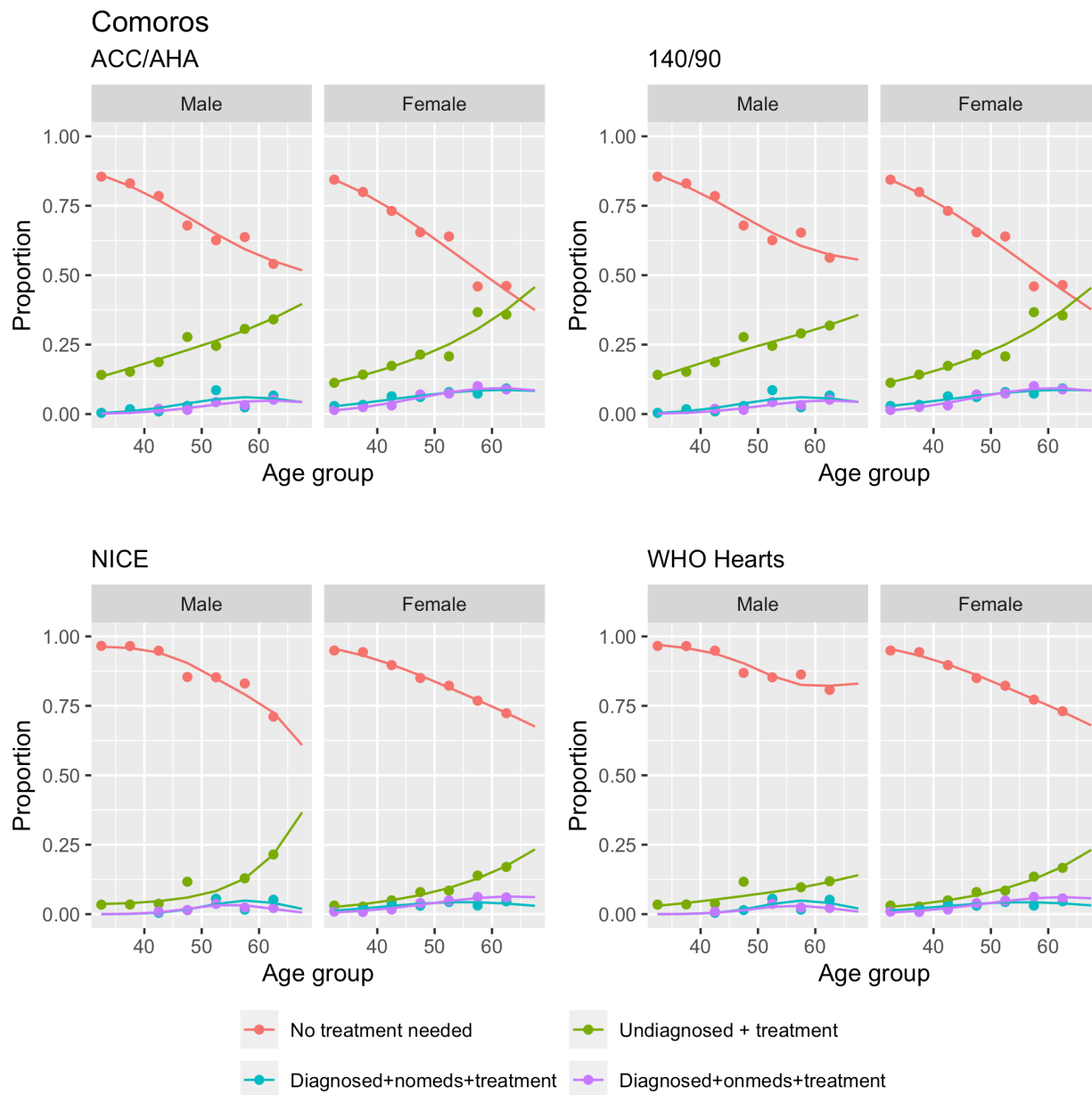
Supplemental Figure XIII: Regression model fit of treatment need by age for Cambodia. Lines are the model predicted proportions and the dots are the raw proportions by 5-year age group.



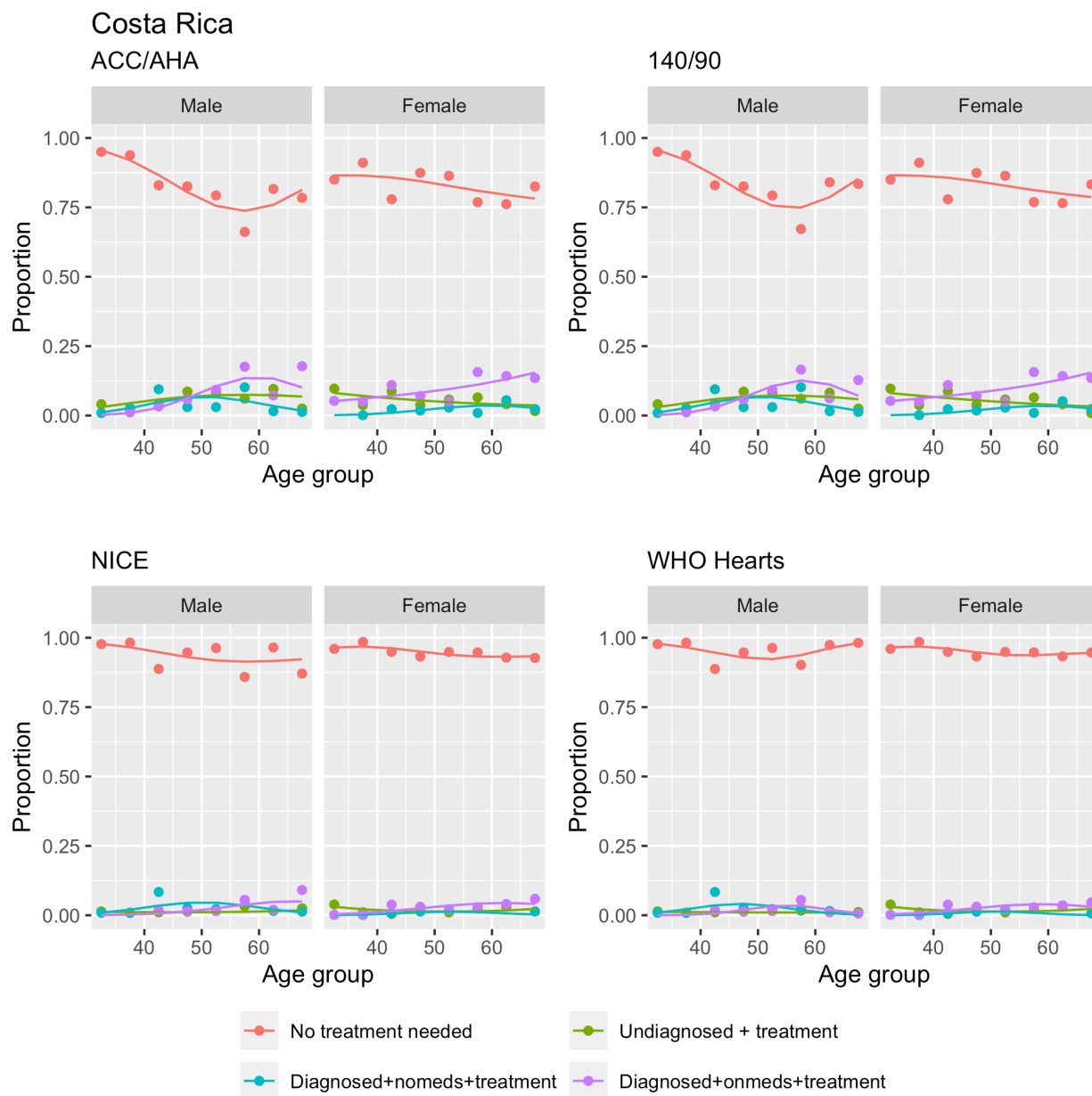
Supplemental Figure XIV: Regression model fit of treatment need by age for Chile. Lines are the model predicted proportions and the dots are the raw proportions by 5-year age group.



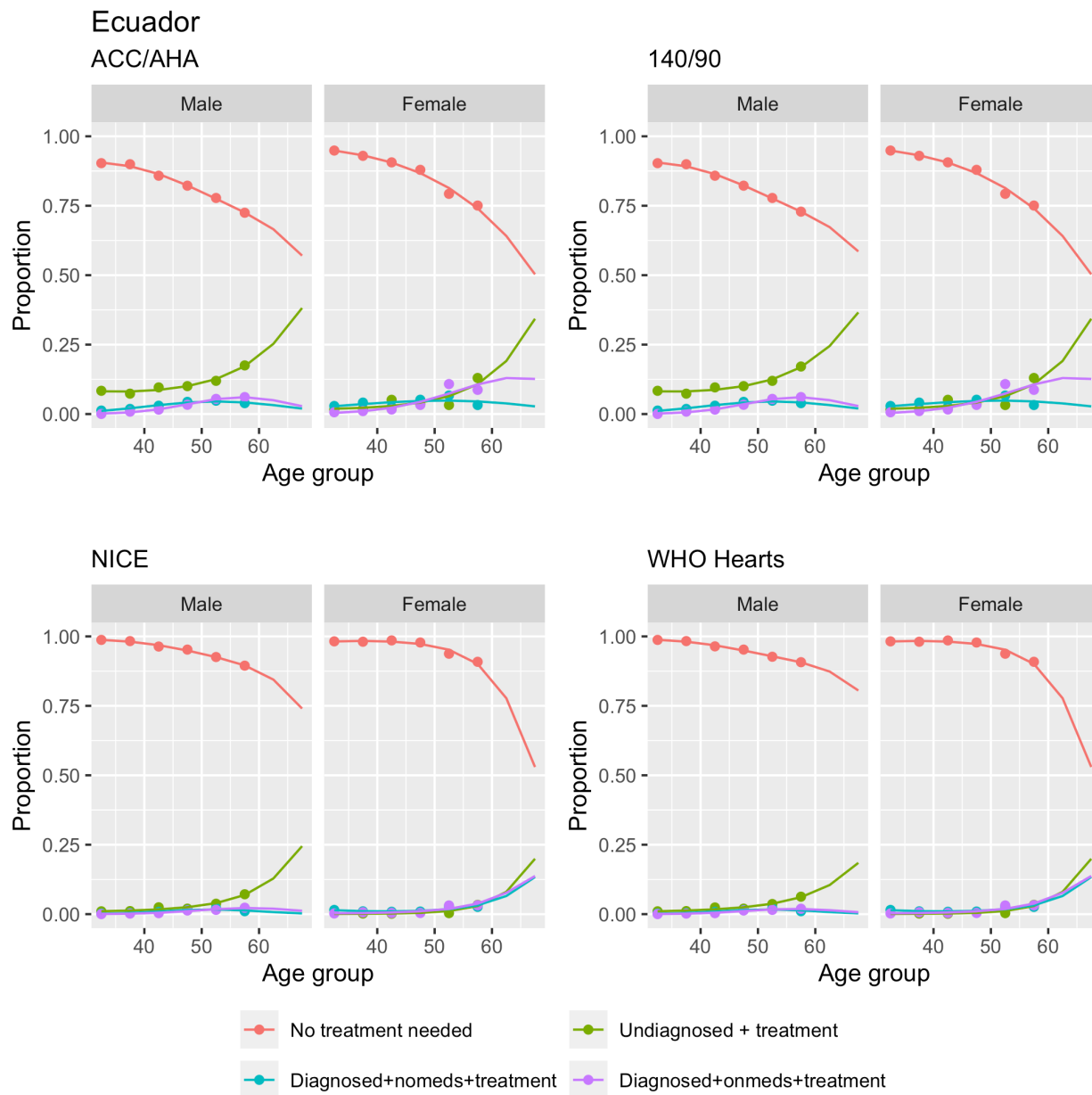
Supplemental Figure XV: Regression model fit of treatment need by age for China. Lines are the model predicted proportions and the dots are the raw proportions by 5-year age group.



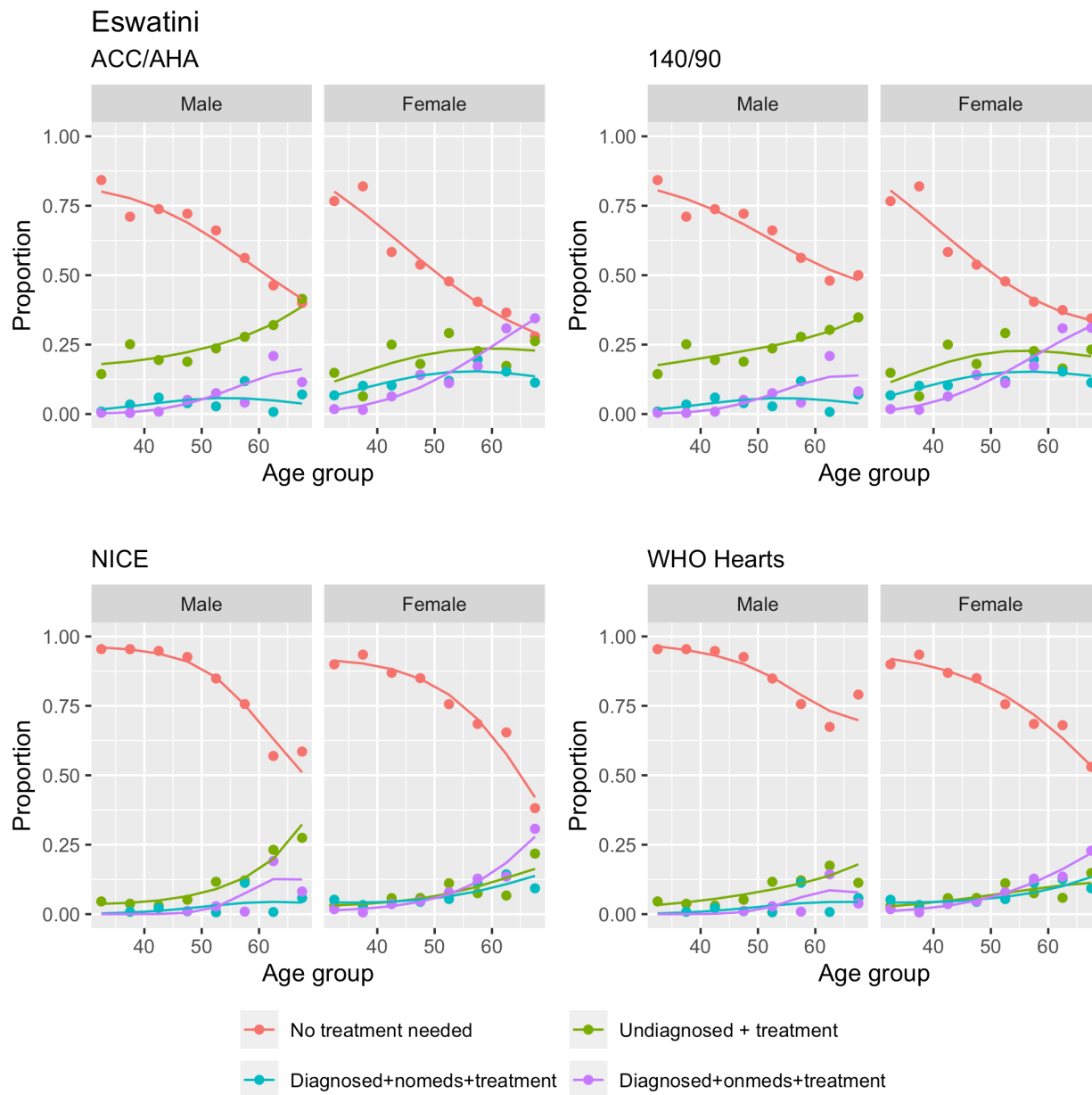
Supplemental Figure XVI: Regression model fit of treatment need by age for Comoros. Lines are the model predicted proportions and the dots are the raw proportions by 5-year age group.



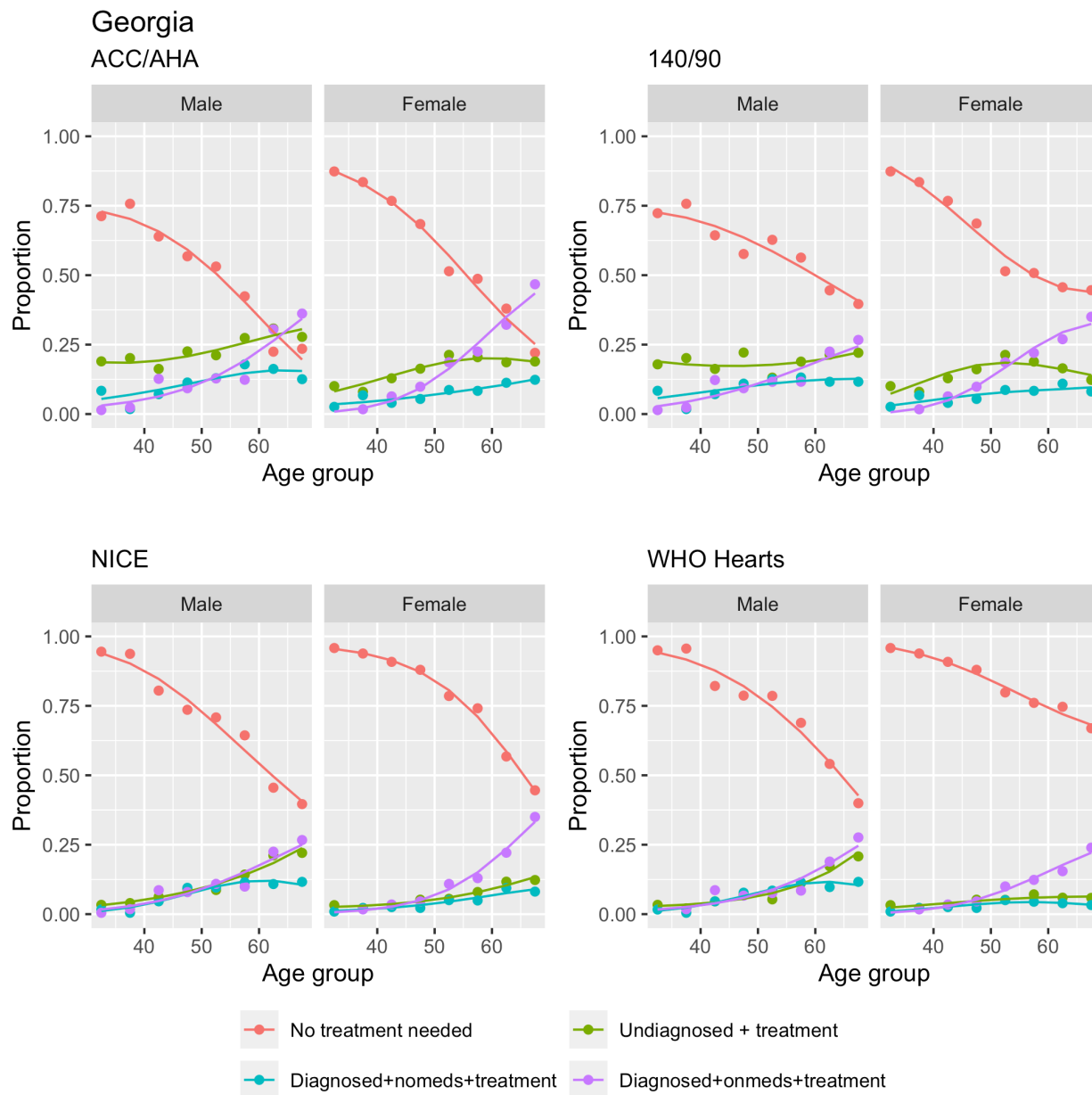
Supplemental Figure XVII: Regression model fit of treatment need by age for Costa Rica. Lines are the model predicted proportions and the dots are the raw proportions by 5-year age group.



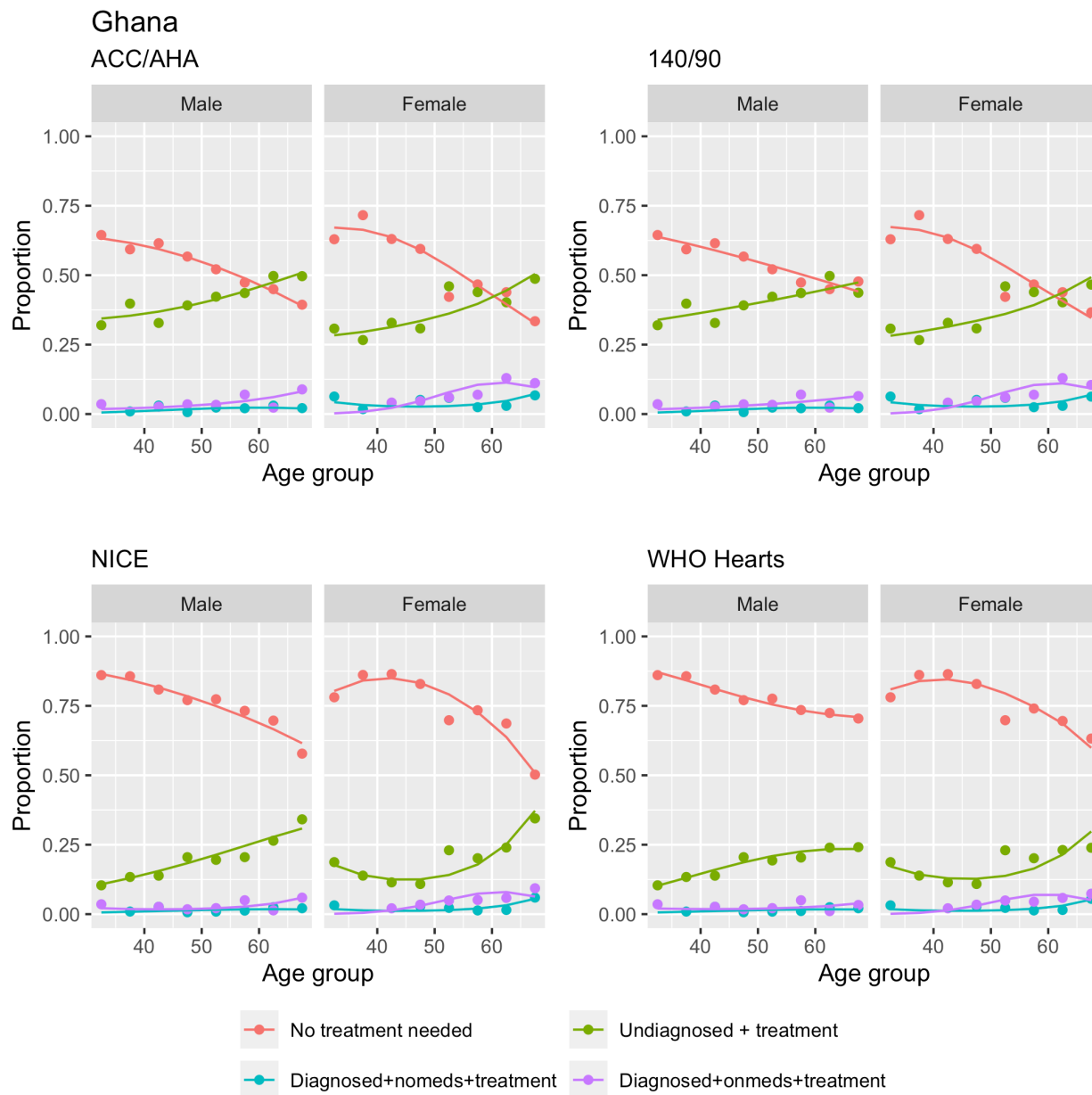
Supplemental Figure XVIII: Regression model fit of treatment need by age for Ecuador. Lines are the model predicted proportions and the dots are the raw proportions by 5-year age group.



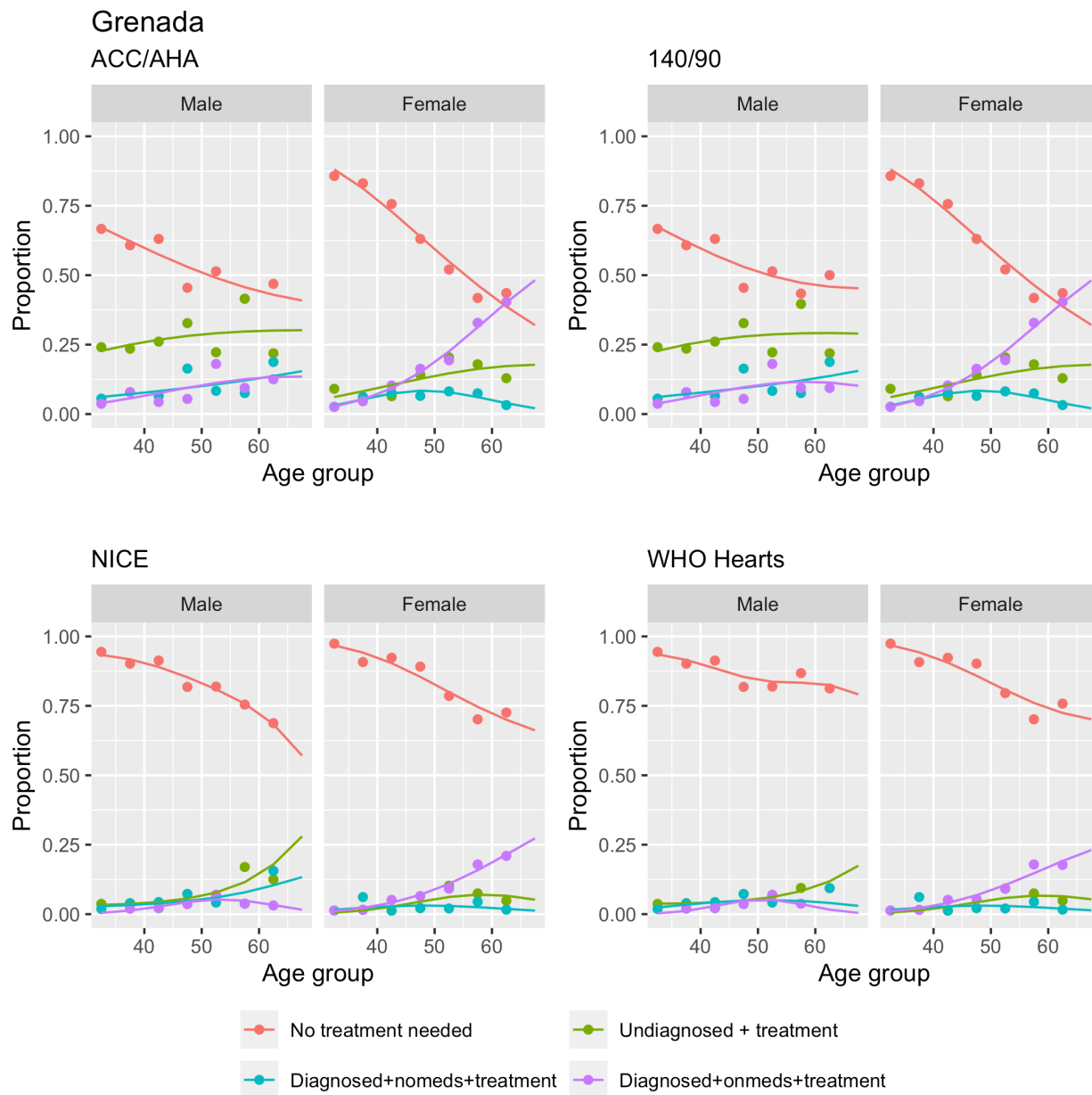
Supplemental Figure XIX: Regression model fit of treatment need by age for Eswatini. Lines are the model predicted proportions and the dots are the raw proportions by 5-year age group.



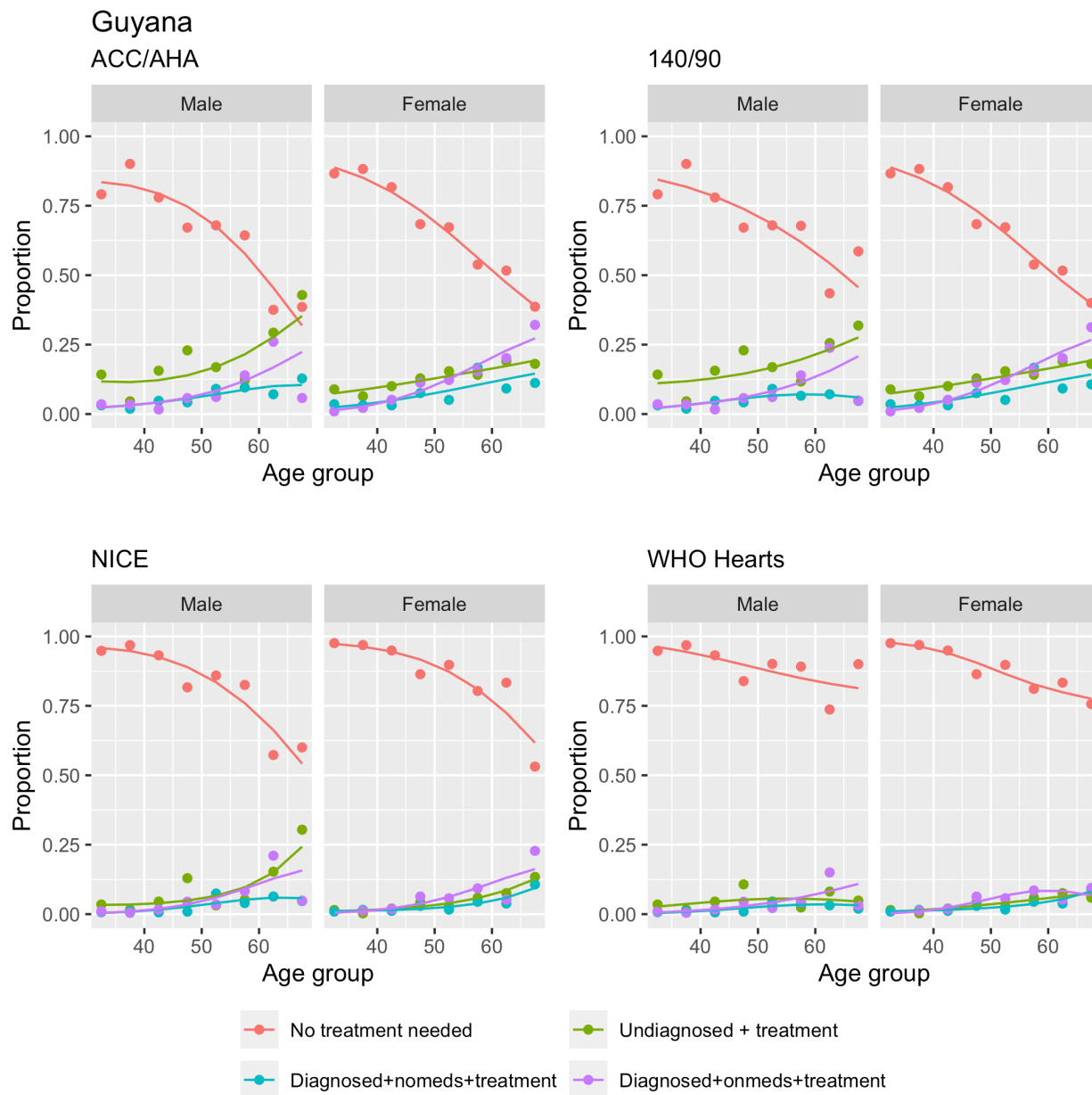
Supplemental Figure XX: Regression model fit of treatment need by age for Georgia. Lines are the model predicted proportions and the dots are the raw proportions by 5-year age group.



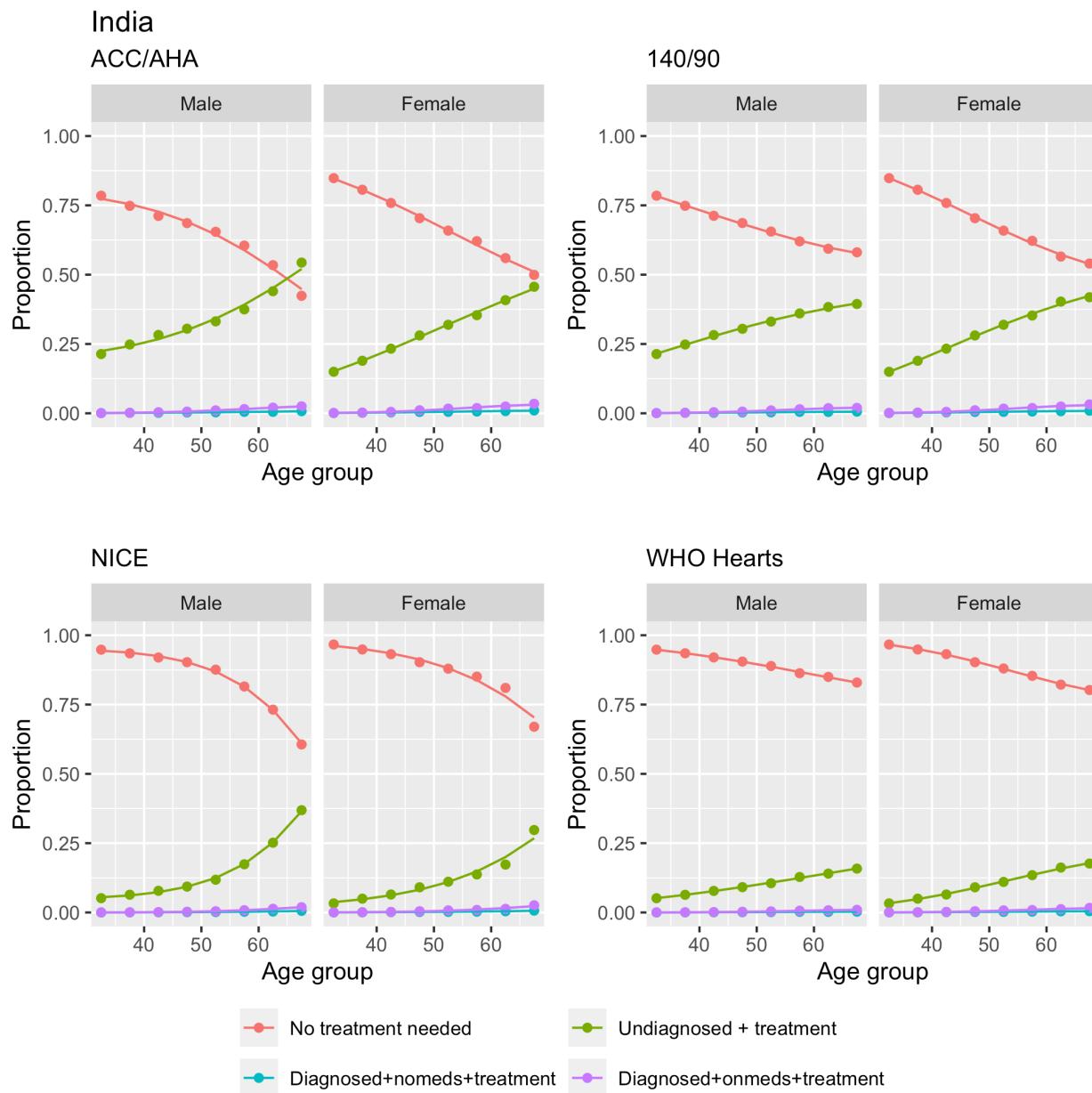
Supplemental Figure XXI: Regression model fit of treatment need by age for Ghana. Lines are the model predicted proportions and the dots are the raw proportions by 5-year age group.



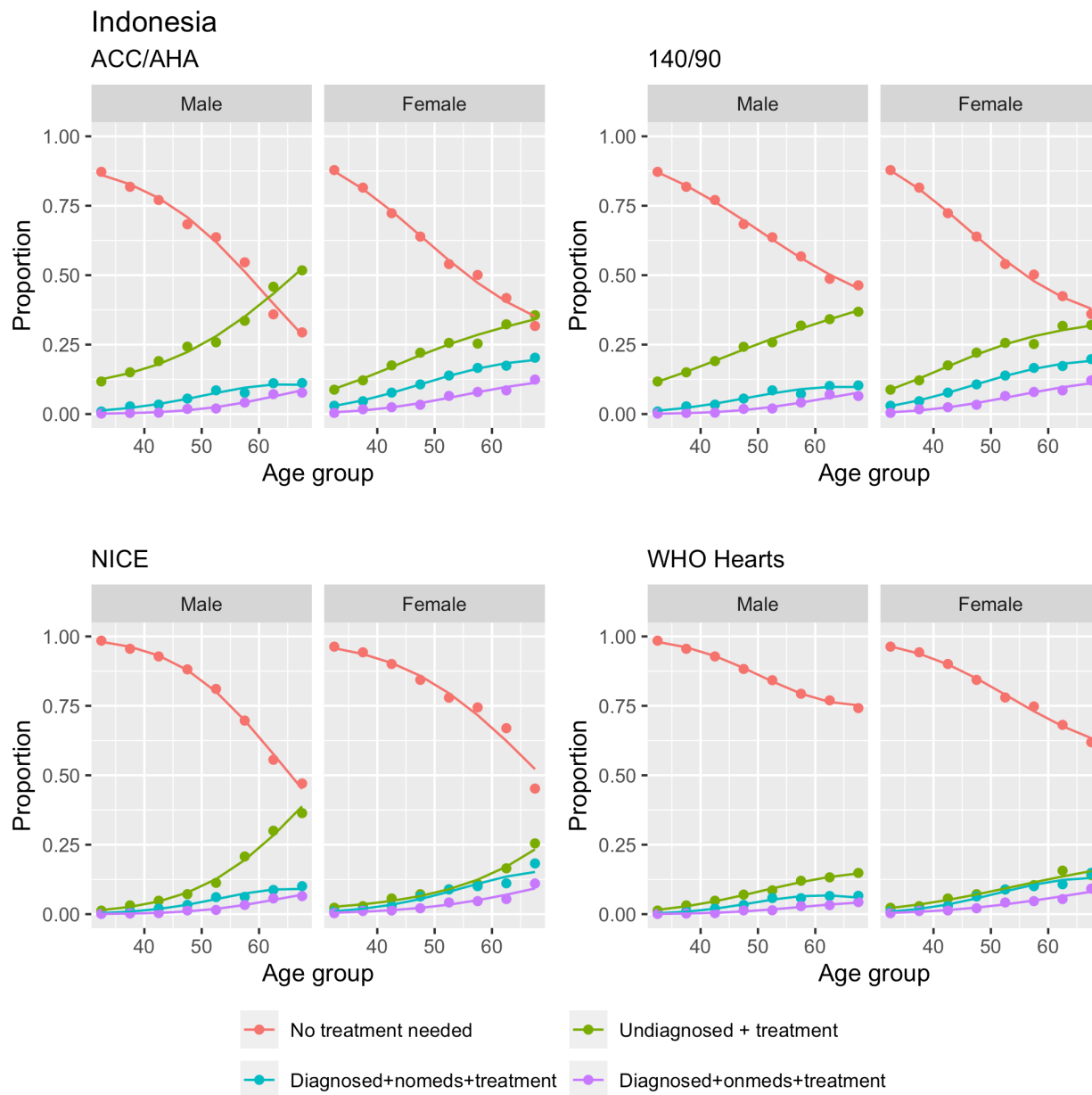
Supplemental Figure XXII: Regression model fit of treatment need by age for Grenada. Lines are the model predicted proportions and the dots are the raw proportions by 5-year age group.



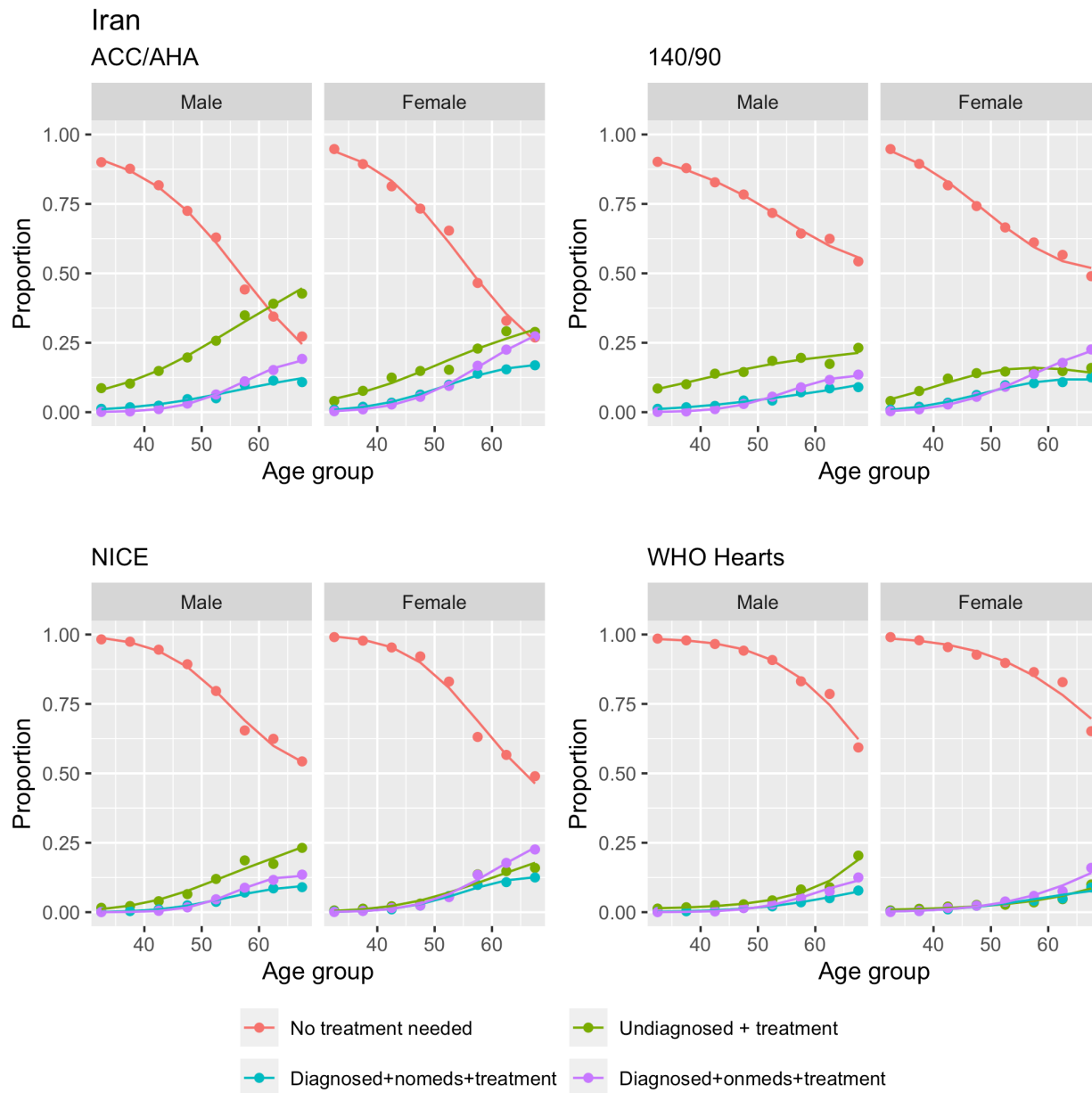
Supplemental Figure XXIII: Regression model fit of treatment need by age for Guyana. Lines are the model predicted proportions and the dots are the raw proportions by 5-year age group.



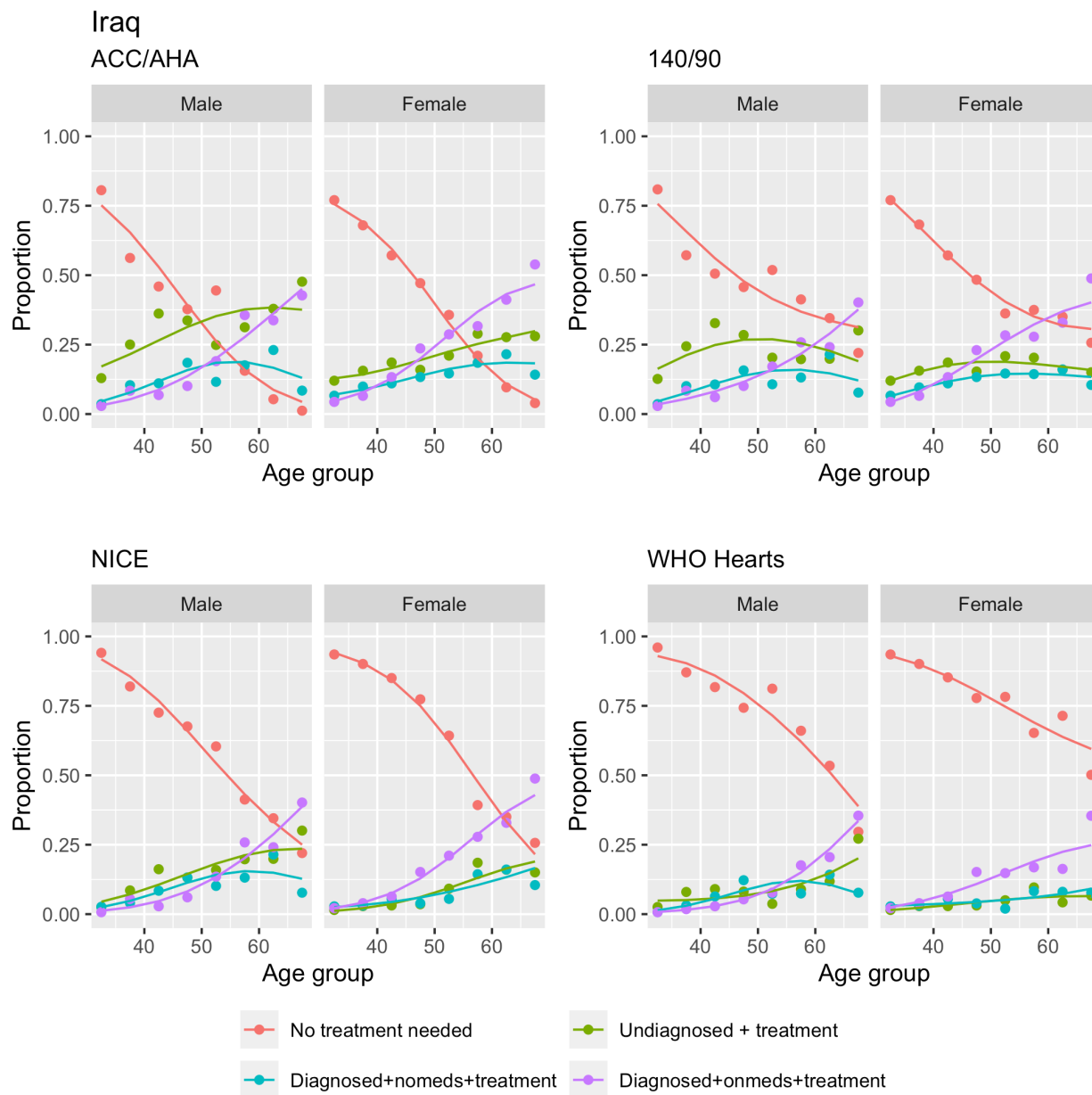
Supplemental Figure XXIV: Regression model fit of treatment need by age for India. Lines are the model predicted proportions and the dots are the raw proportions by 5-year age group.



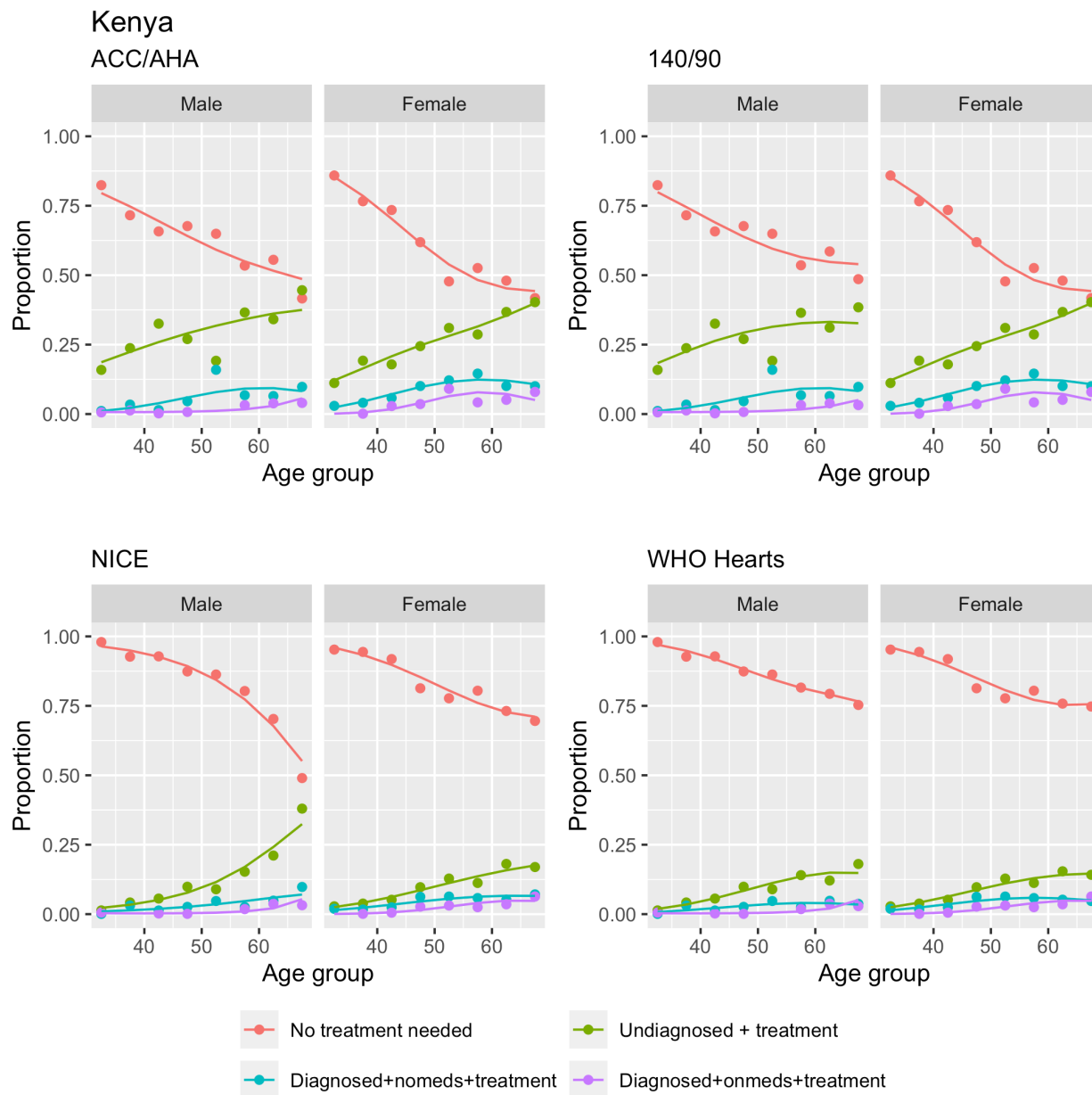
Supplemental Figure XXV: Regression model fit of treatment need by age for Indonesia. Lines are the model predicted proportions and the dots are the raw proportions by 5-year age group.



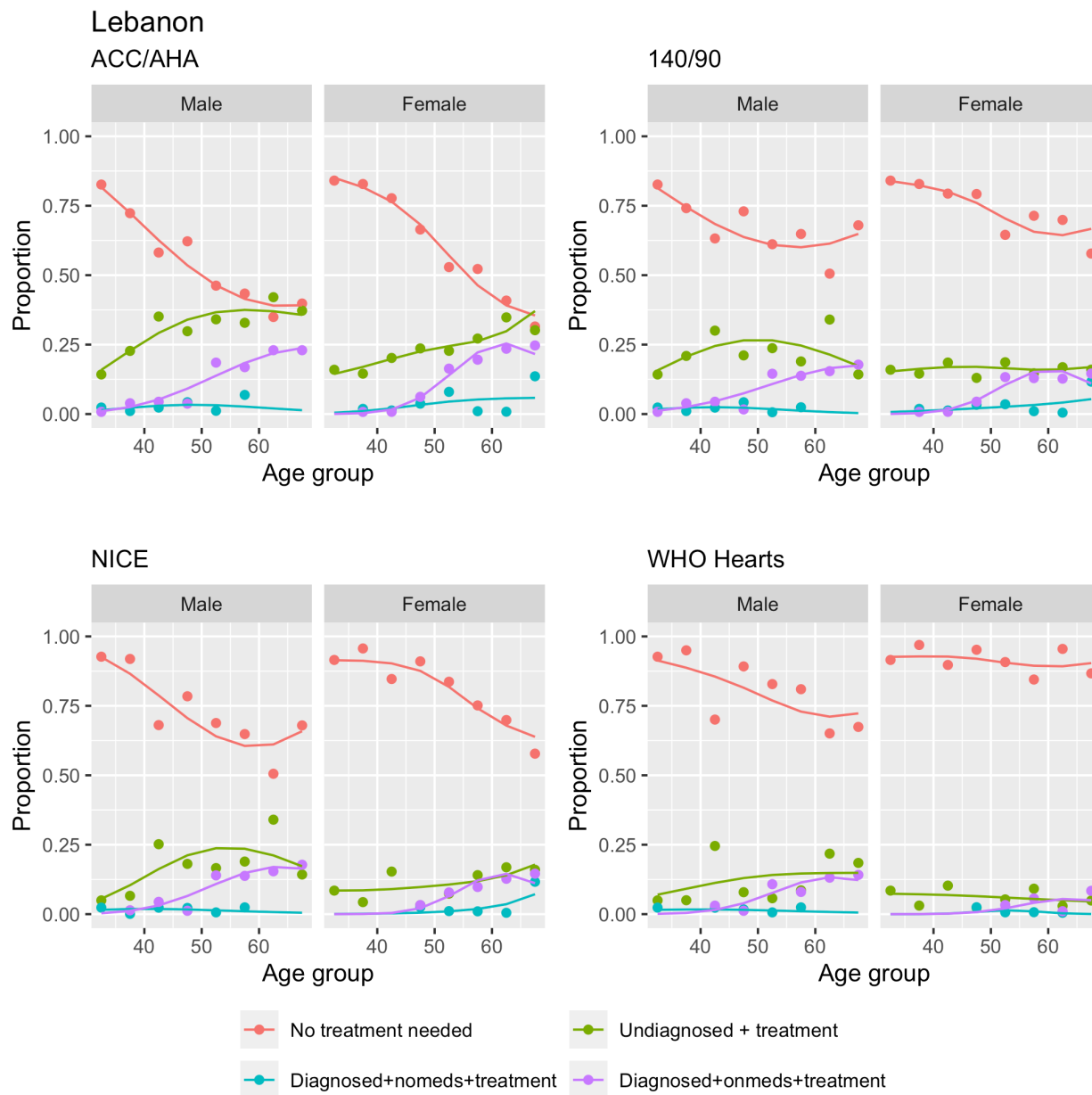
Supplemental Figure XXVI: Regression model fit of treatment need by age for Iran. Lines are the model predicted proportions and the dots are the raw proportions by 5-year age group.



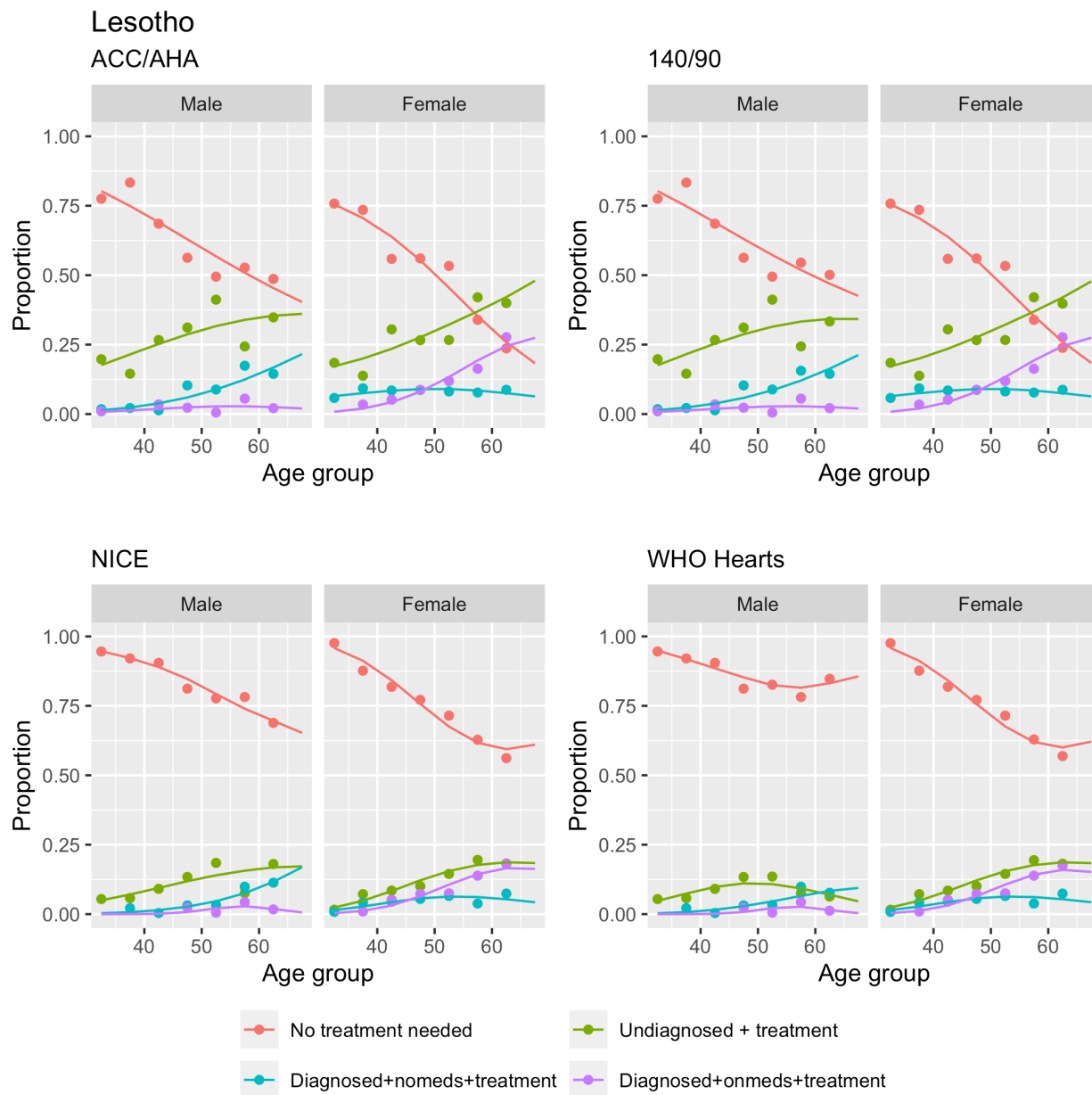
Supplemental Figure XXVII: Regression model fit of treatment need by age for Iraq. Lines are the model predicted proportions and the dots are the raw proportions by 5-year age group.



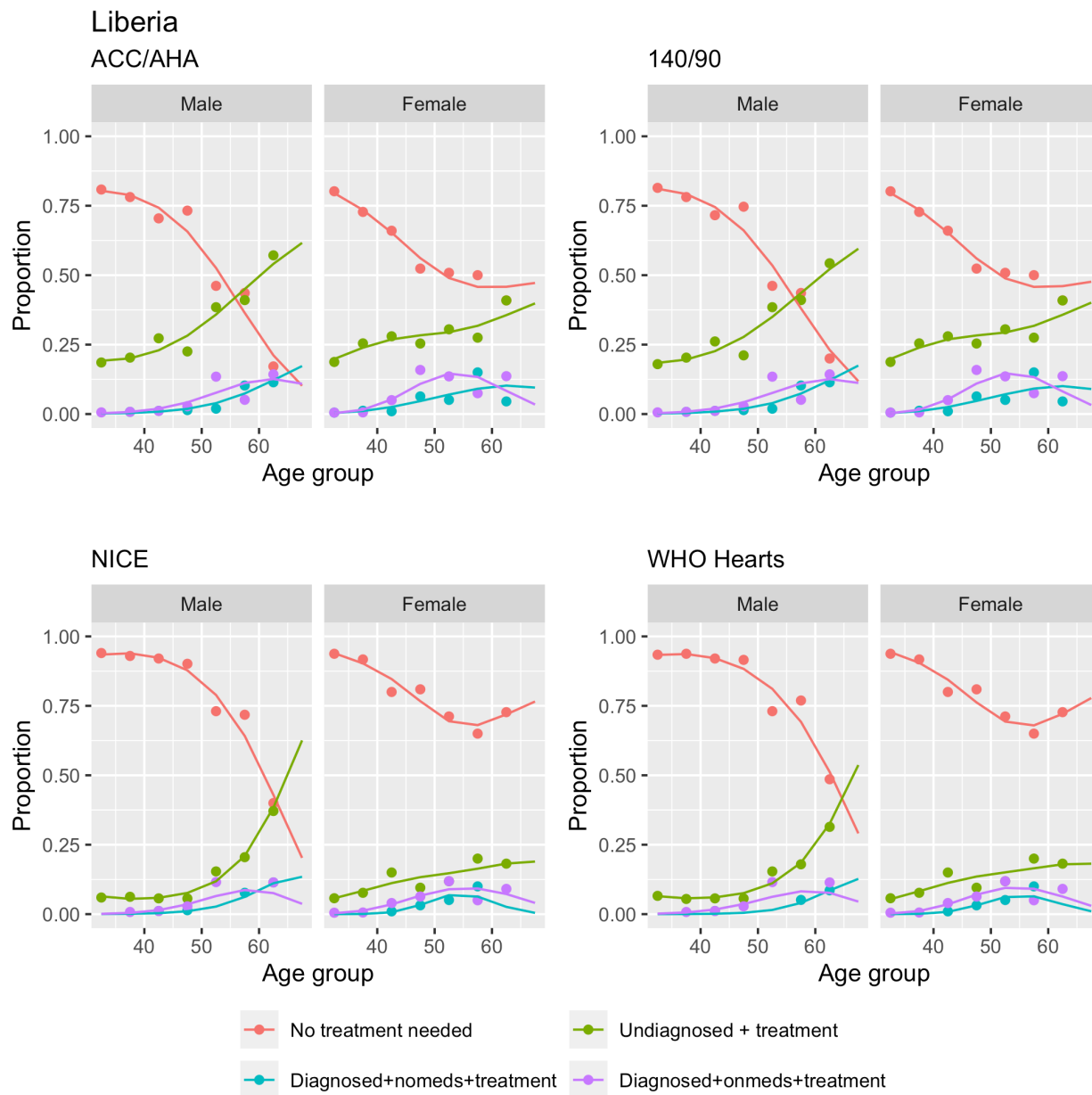
Supplemental Figure XXIX: Regression model fit of treatment need by age for Kenya. Lines are the model predicted proportions and the dots are the raw proportions by 5-year age group.



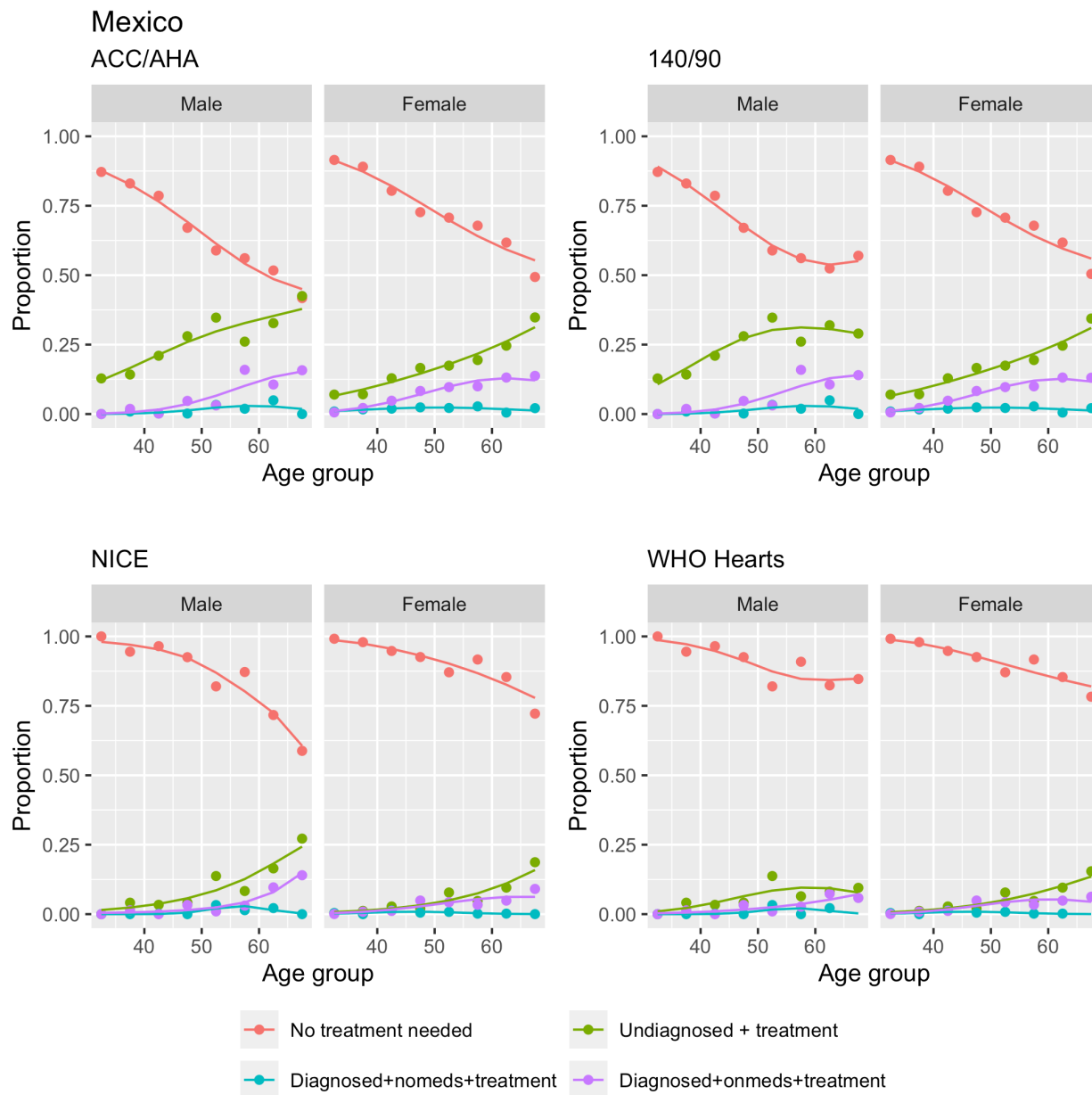
Supplemental Figure XXXI: Regression model fit of treatment need by age for Lebanon. Lines are the model predicted proportions and the dots are the raw proportions by 5-year age group.



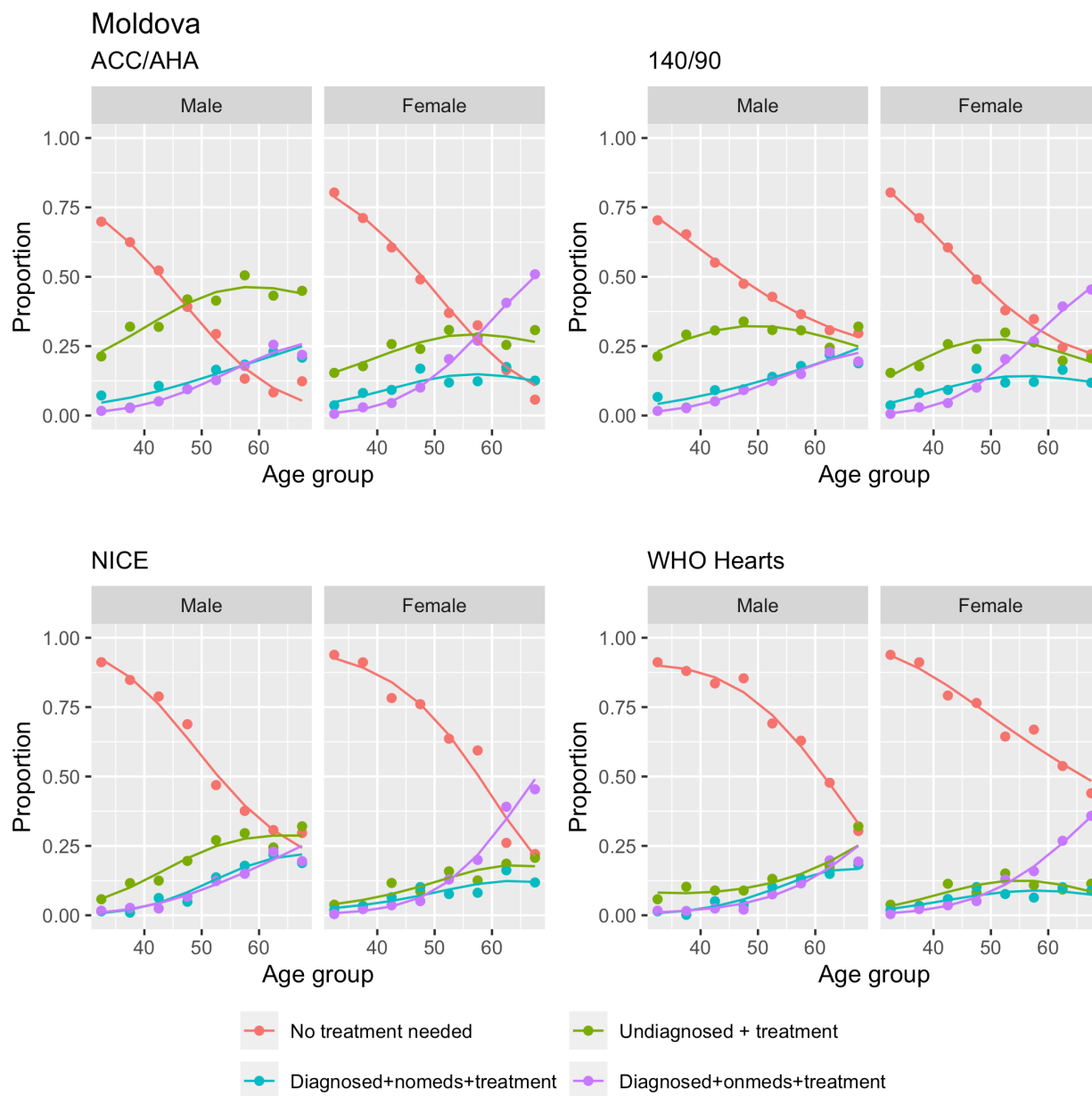
Supplemental Figure XXXII: Regression model fit of treatment need by age for Lesotho. Lines are the model predicted proportions and the dots are the raw proportions by 5-year age group.



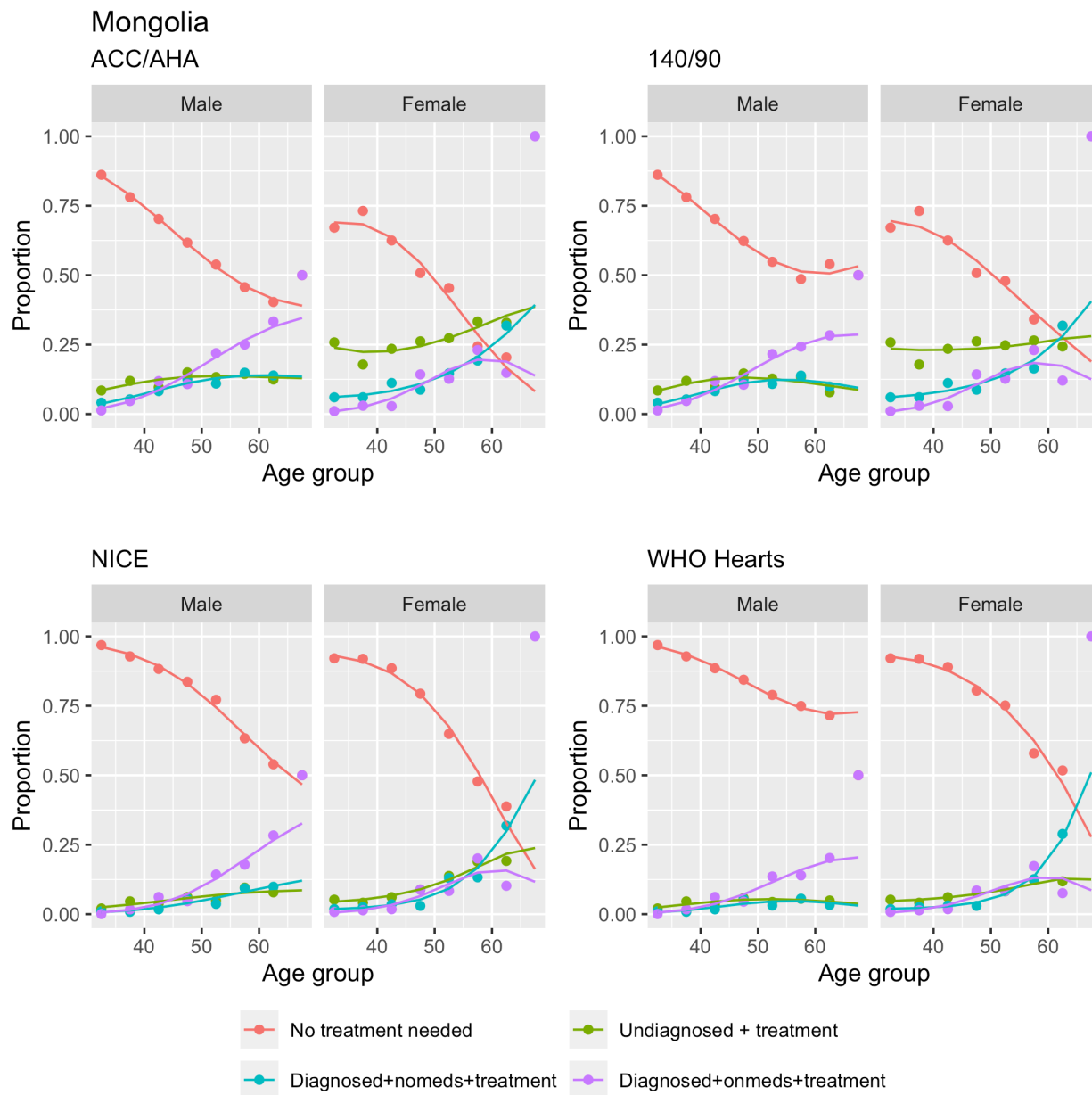
Supplemental Figure XXXIII: Regression model fit of treatment need by age for Liberia. Lines are the model predicted proportions and the dots are the raw proportions by 5-year age group.



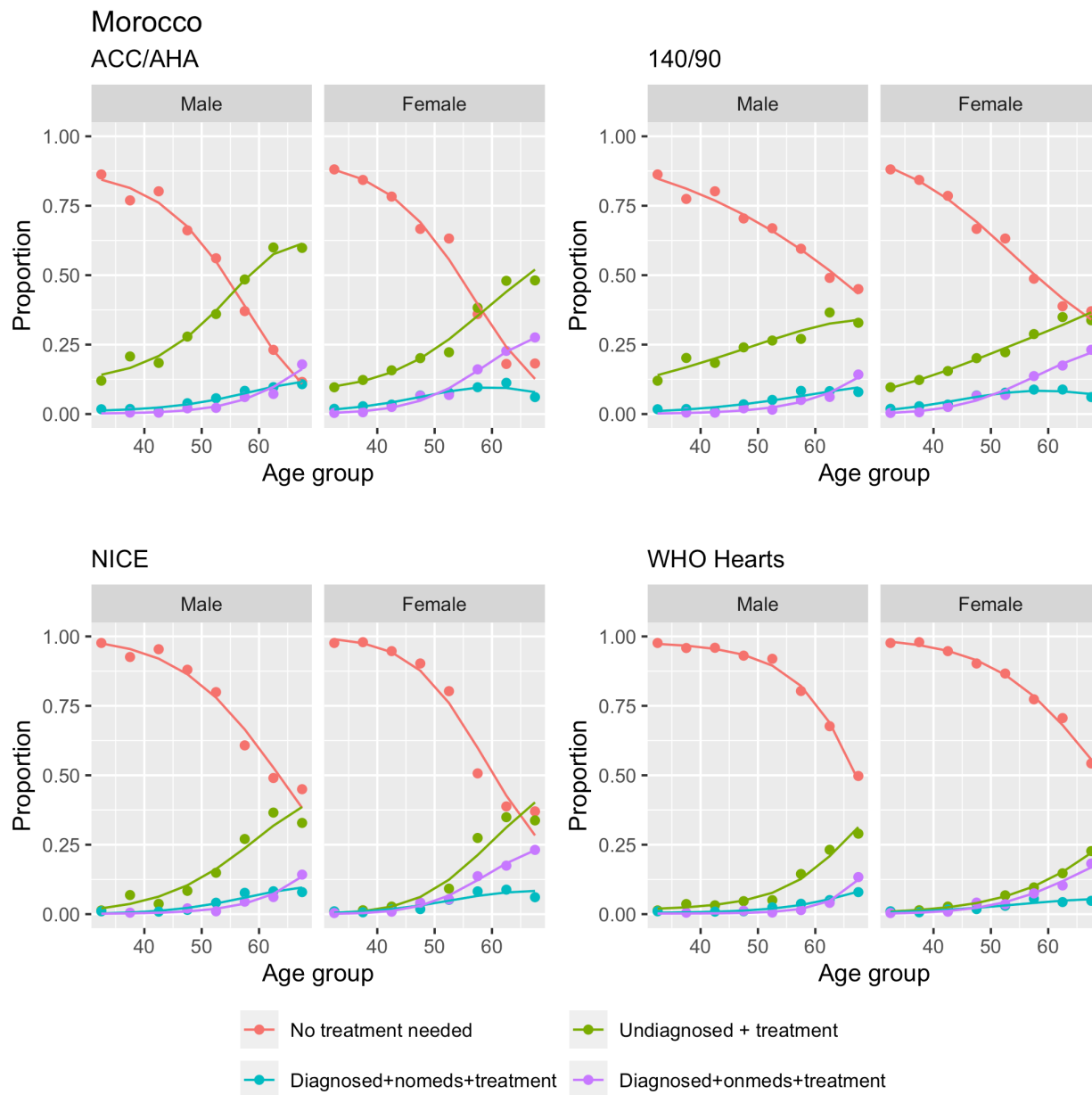
Supplemental Figure XXXIV: Regression model fit of treatment need by age for Mexico. Lines are the model predicted proportions and the dots are the raw proportions by 5-year age group.



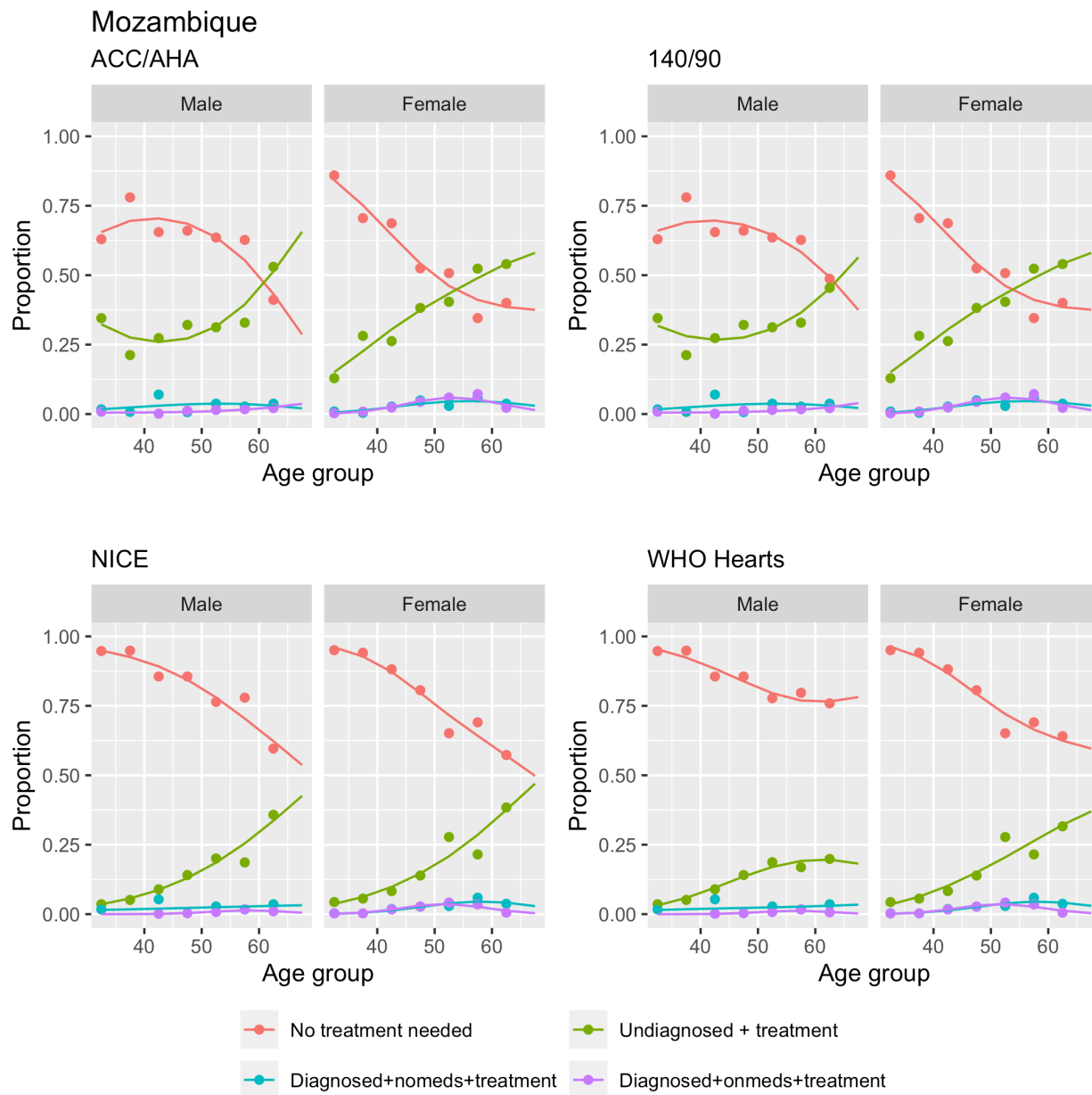
Supplemental Figure XXXV: Regression model fit of treatment need by age for Moldova. Lines are the model predicted proportions and the dots are the raw proportions by 5-year age group.



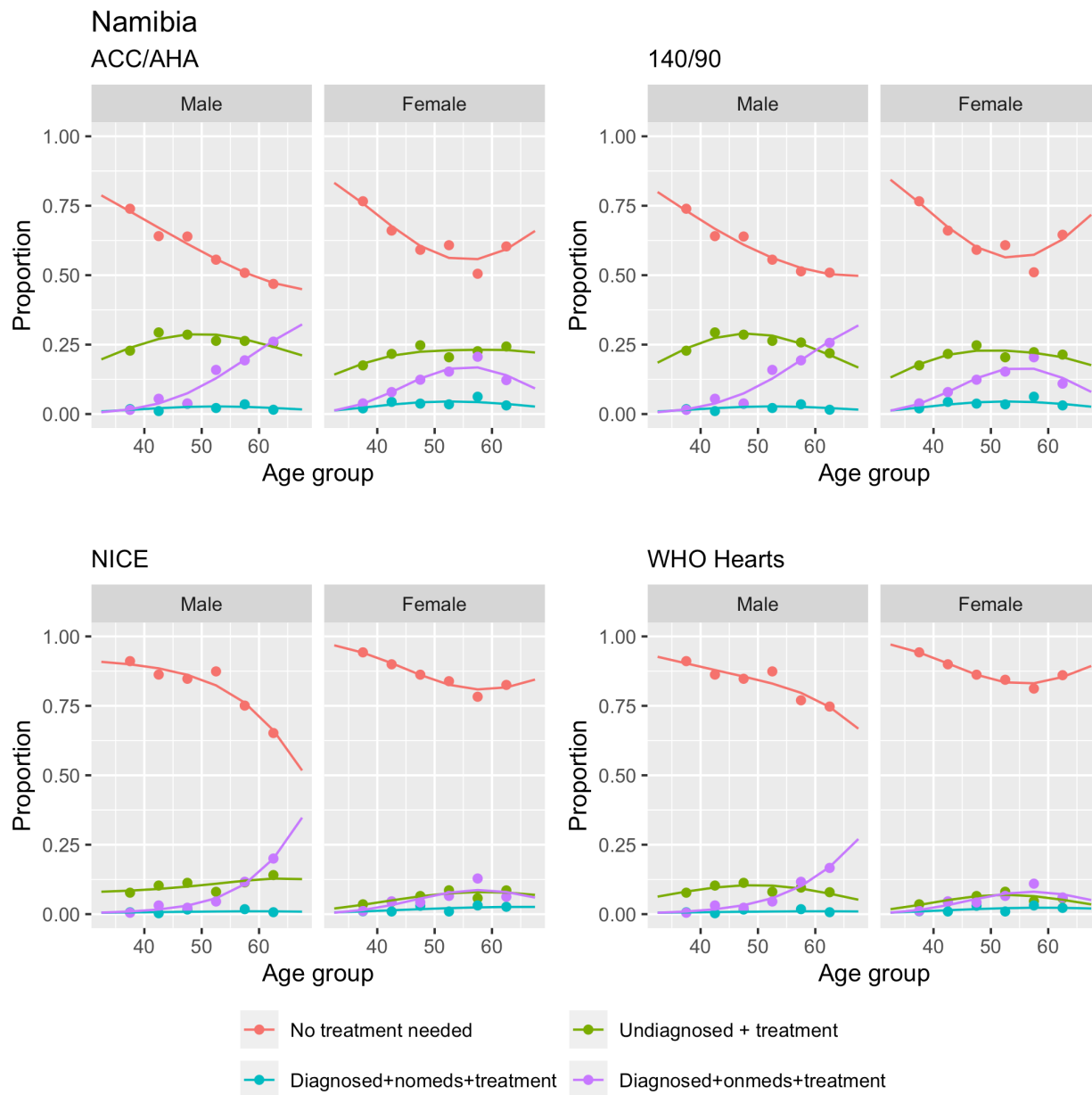
Supplemental Figure XXXVI: Regression model fit of treatment need by age for Mongolia. Lines are the model predicted proportions and the dots are the raw proportions by 5-year age group.



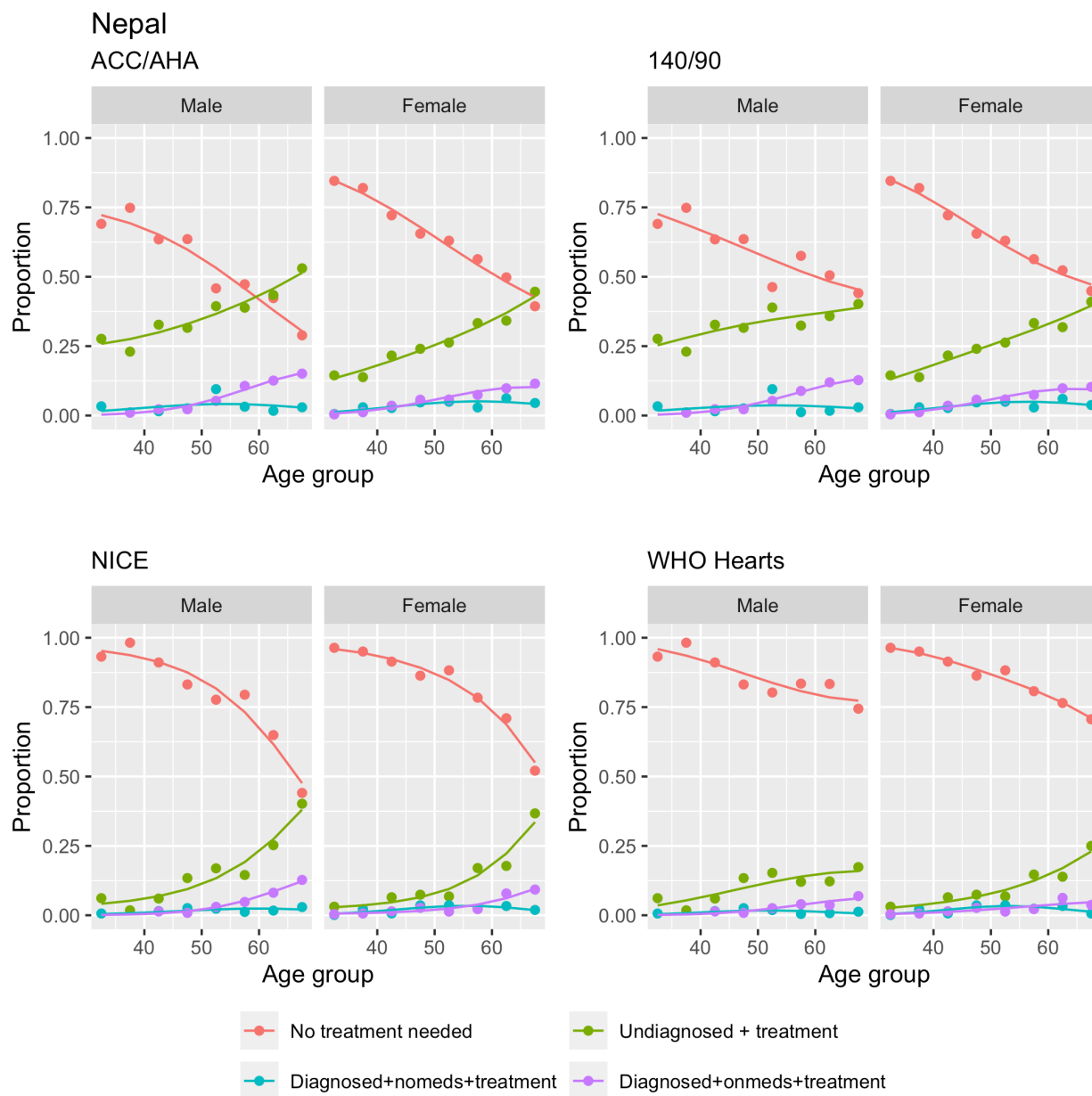
Supplemental Figure XXXVII: Regression model fit of treatment need by age for Morocco. Lines are the model predicted proportions and the dots are the raw proportions by 5-year age group.



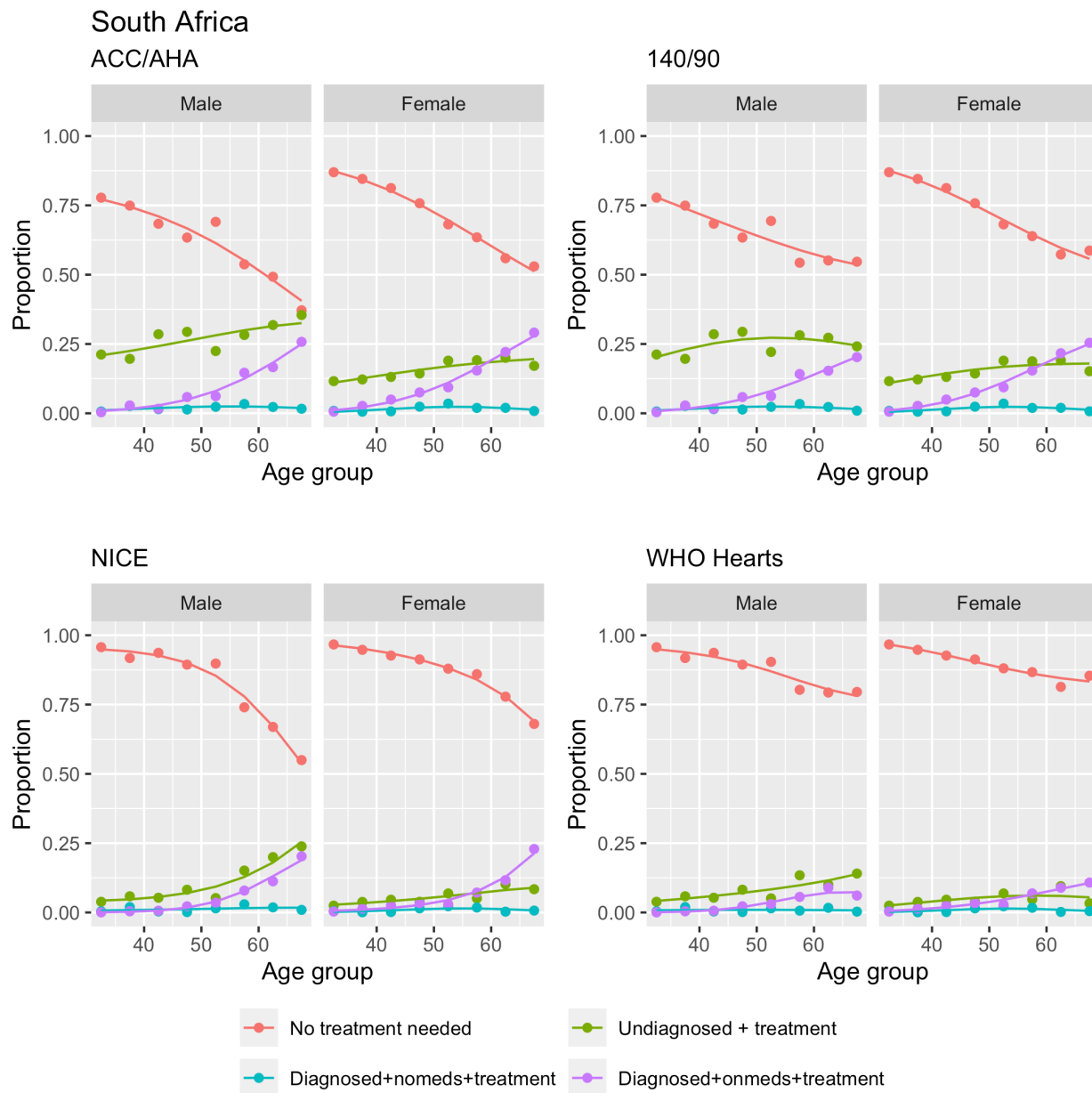
Supplemental Figure XXXVIII: Regression model fit of treatment need by age for Mozambique. Lines are the model predicted proportions and the dots are the raw proportions by 5-year age group.



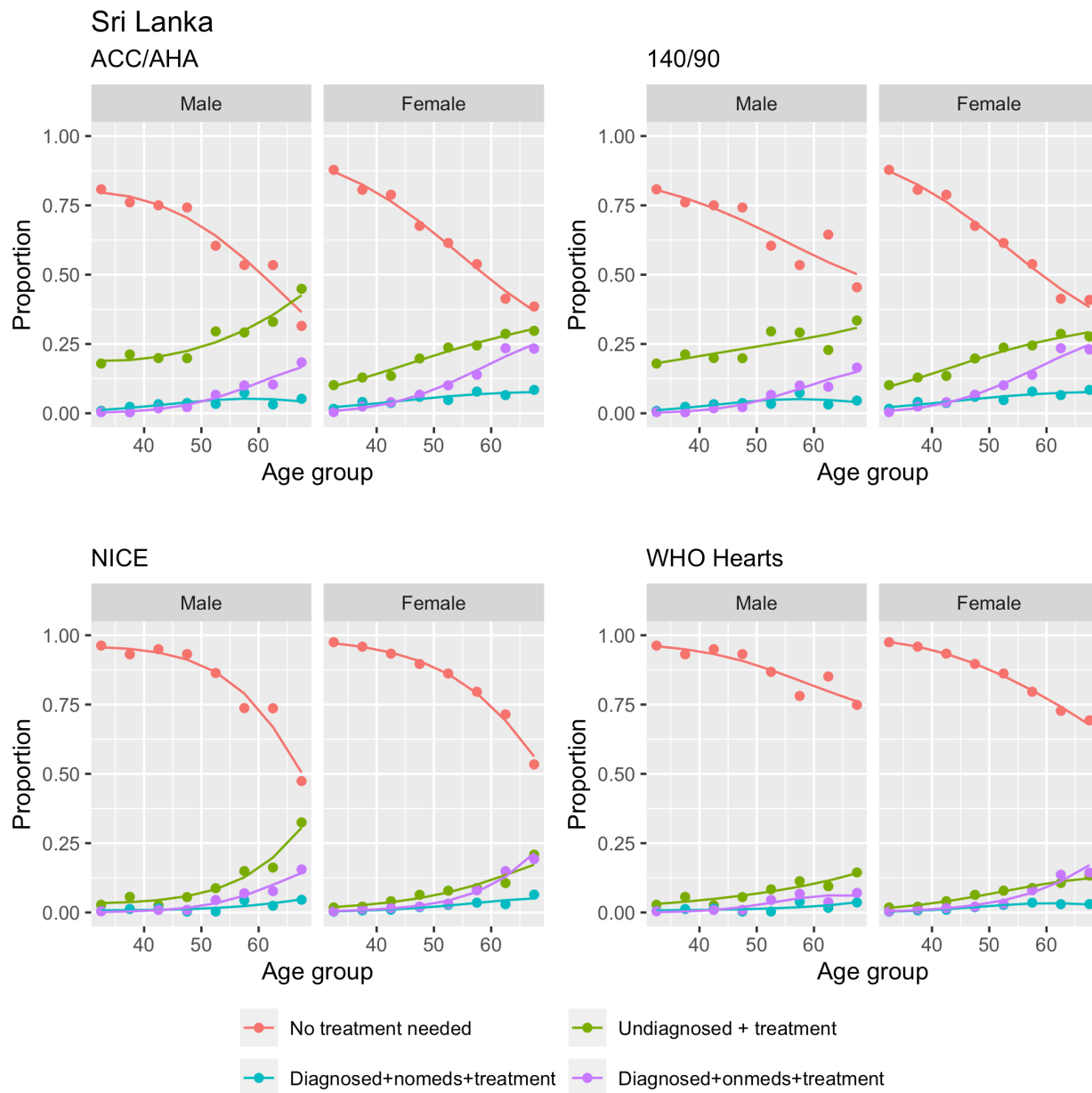
Supplemental Figure XL: Regression model fit of treatment need by age for Namibia. Lines are the model predicted proportions and the dots are the raw proportions by 5-year age group.



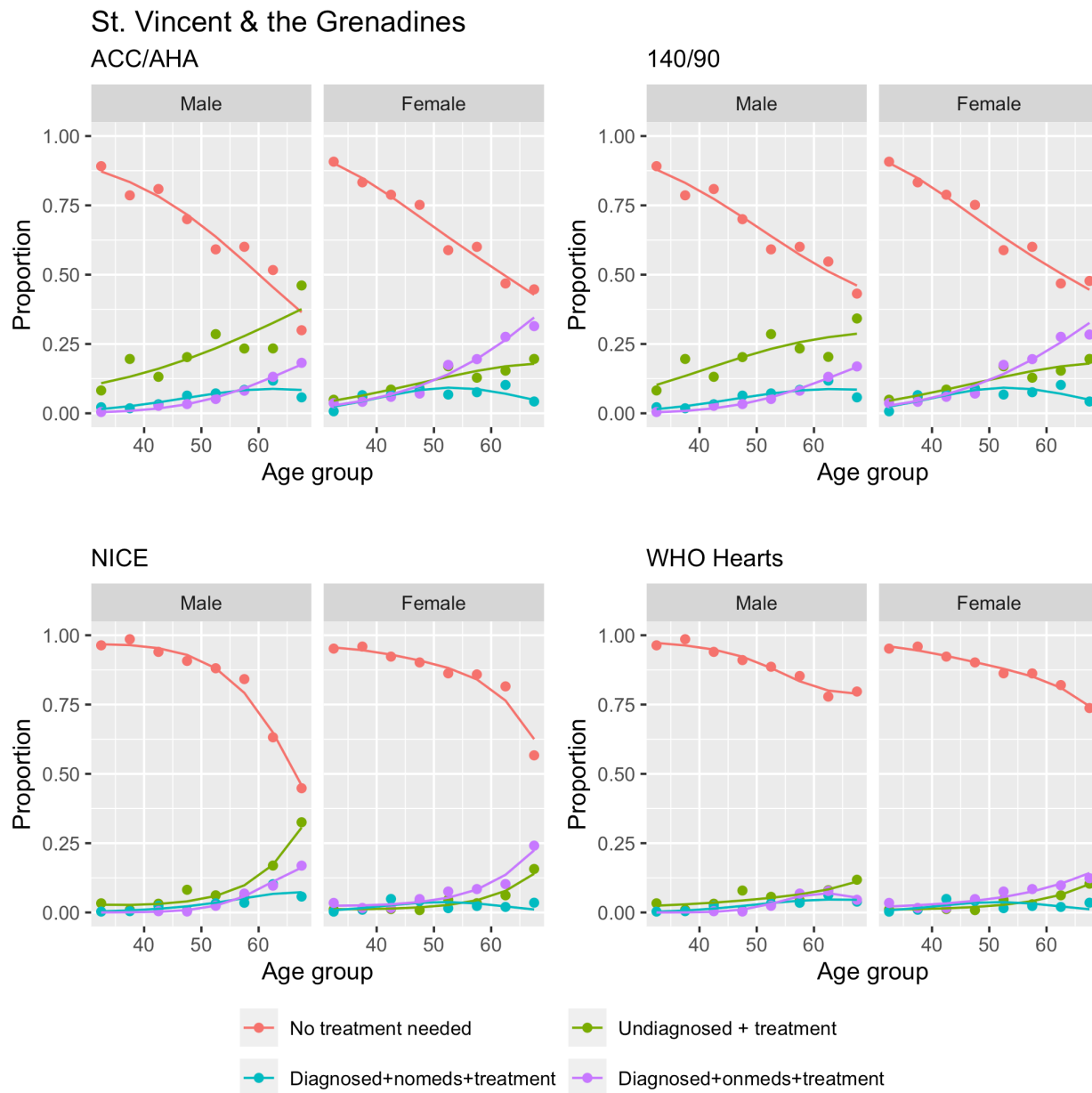
Supplemental Figure XLI: Regression model fit of treatment need by age for Nepal. Lines are the model predicted proportions and the dots are the raw proportions by 5-year age group.



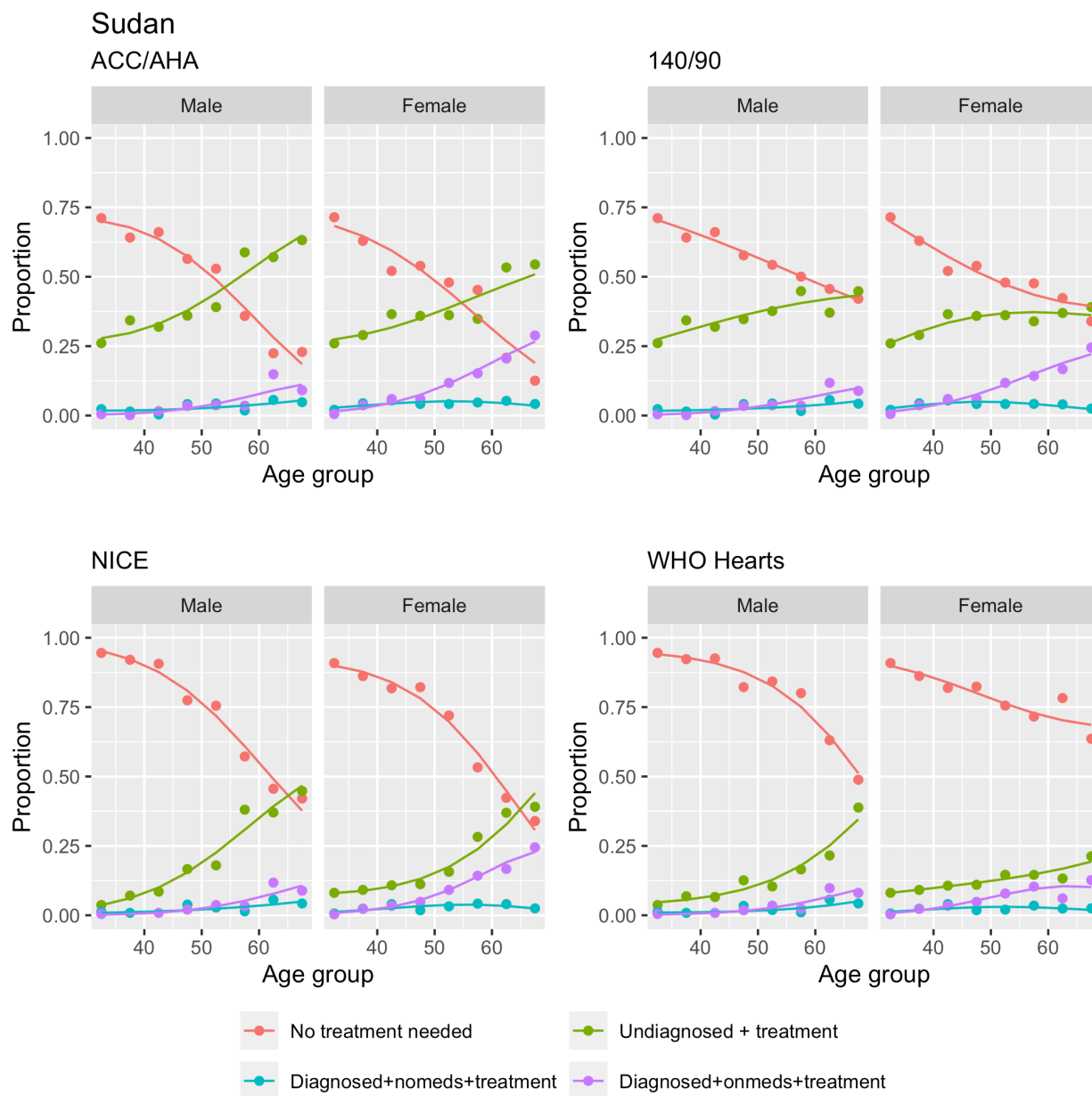
Supplemental Figure XLIII: Regression model fit of treatment need by age for South Africa. Lines are the model predicted proportions and the dots are the raw proportions by 5-year age group.



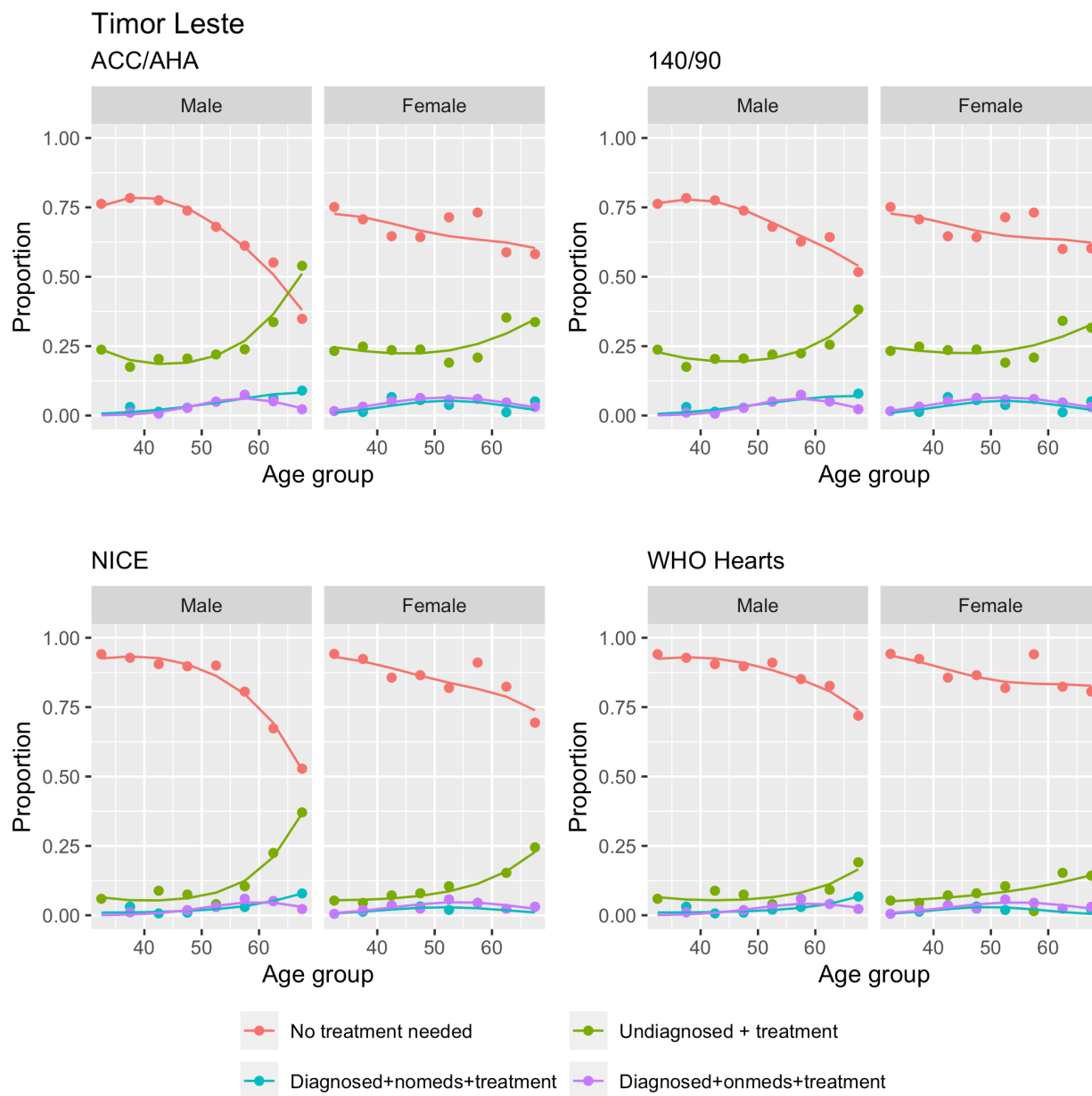
Supplemental Figure XLIV: Regression model fit of treatment need by age for Sri Lanka. Lines are the model predicted proportions and the dots are the raw proportions by 5-year age group.



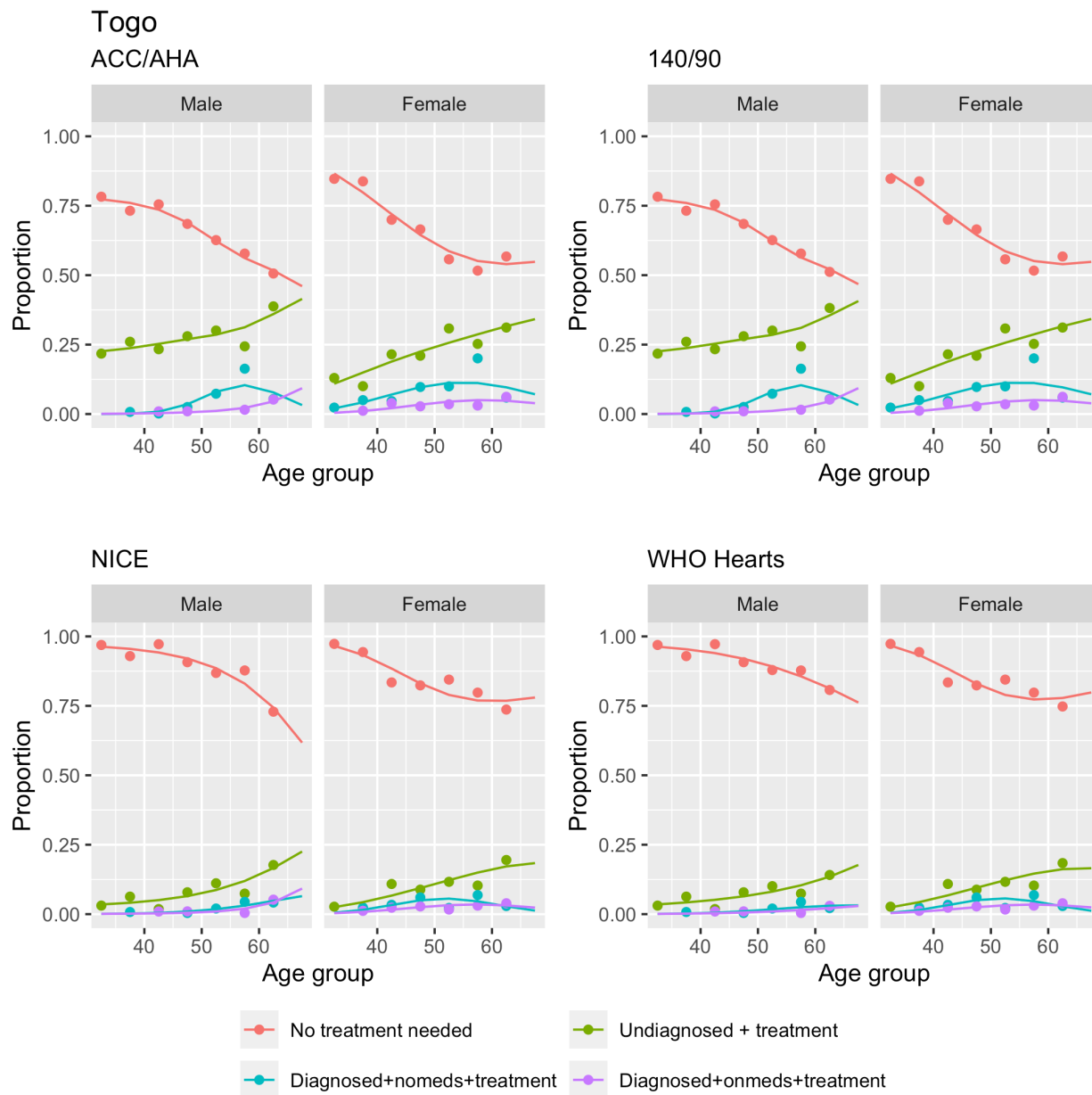
Supplemental Figure XLV: Regression model fit of treatment need by age for St. Vincent and the Grenadines. Lines are the model predicted proportions and the dots are the raw proportions by 5-year age group.



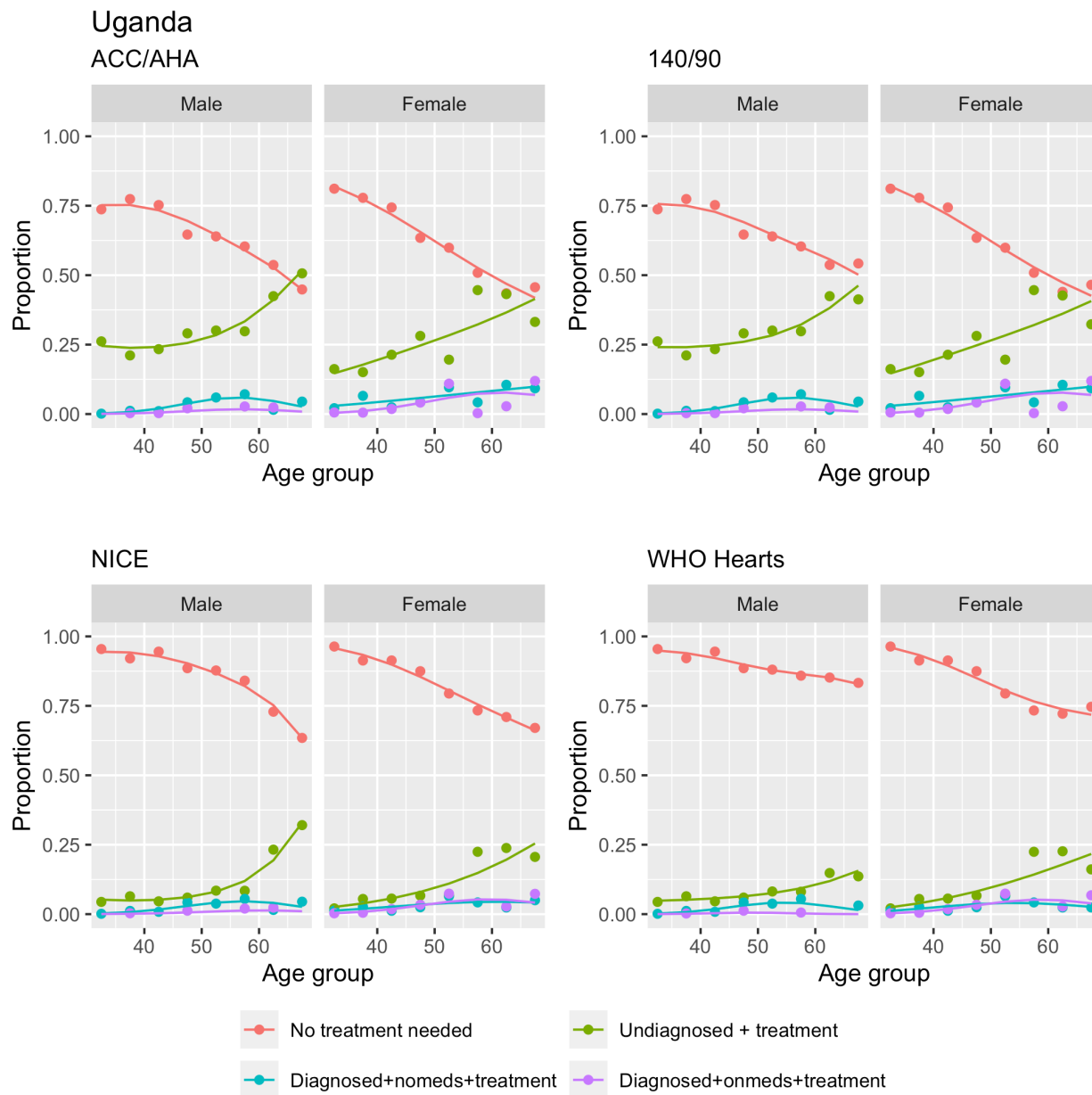
Supplemental Figure XLVI: Regression model fit of treatment need by age for Sudan. Lines are the model predicted proportions and the dots are the raw proportions by 5-year age group.



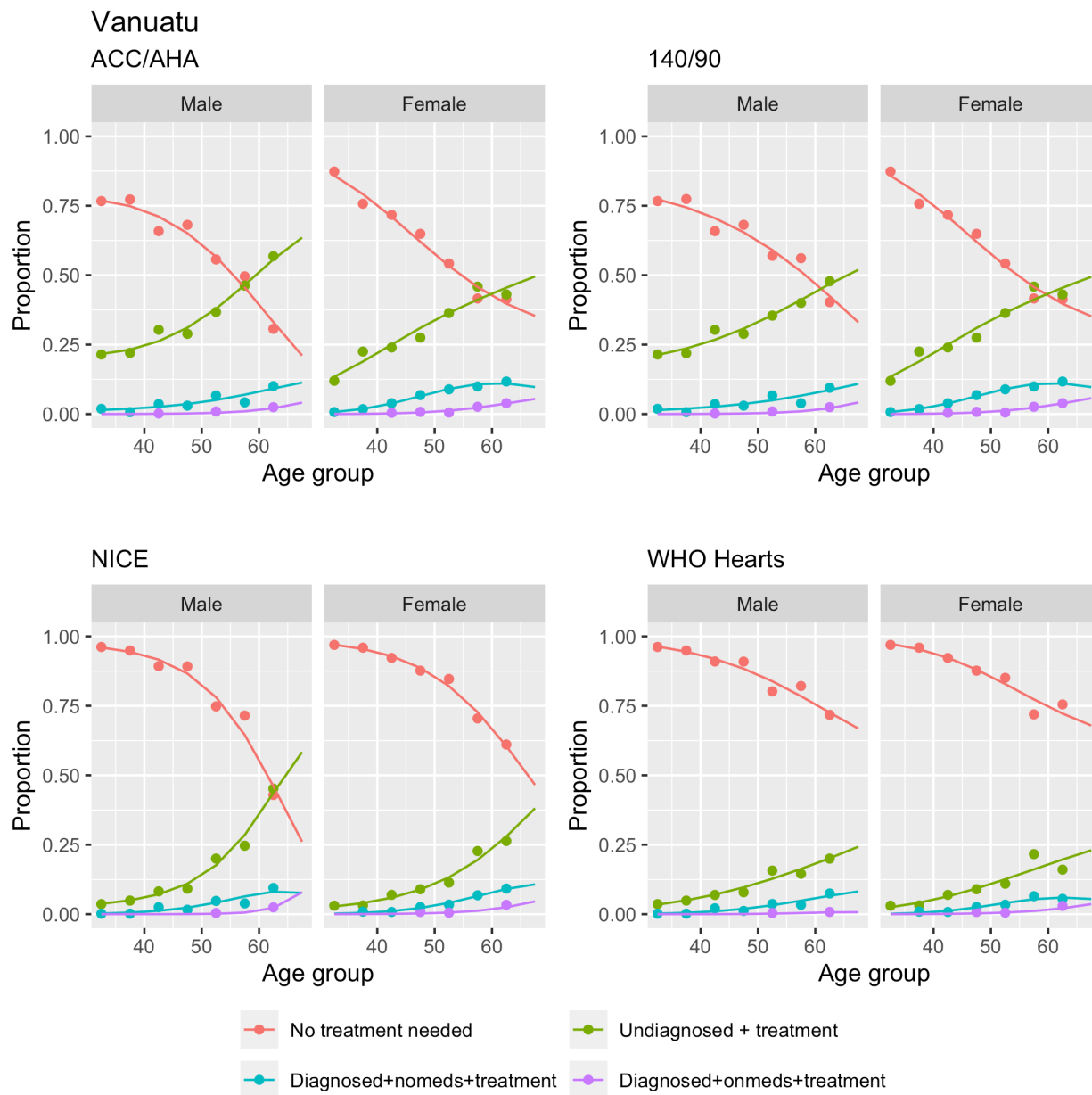
Supplemental Figure XLIX: Regression model fit of treatment need by age for Algeria. Lines are the model predicted proportions and the dots are the raw proportions by 5-year age group.



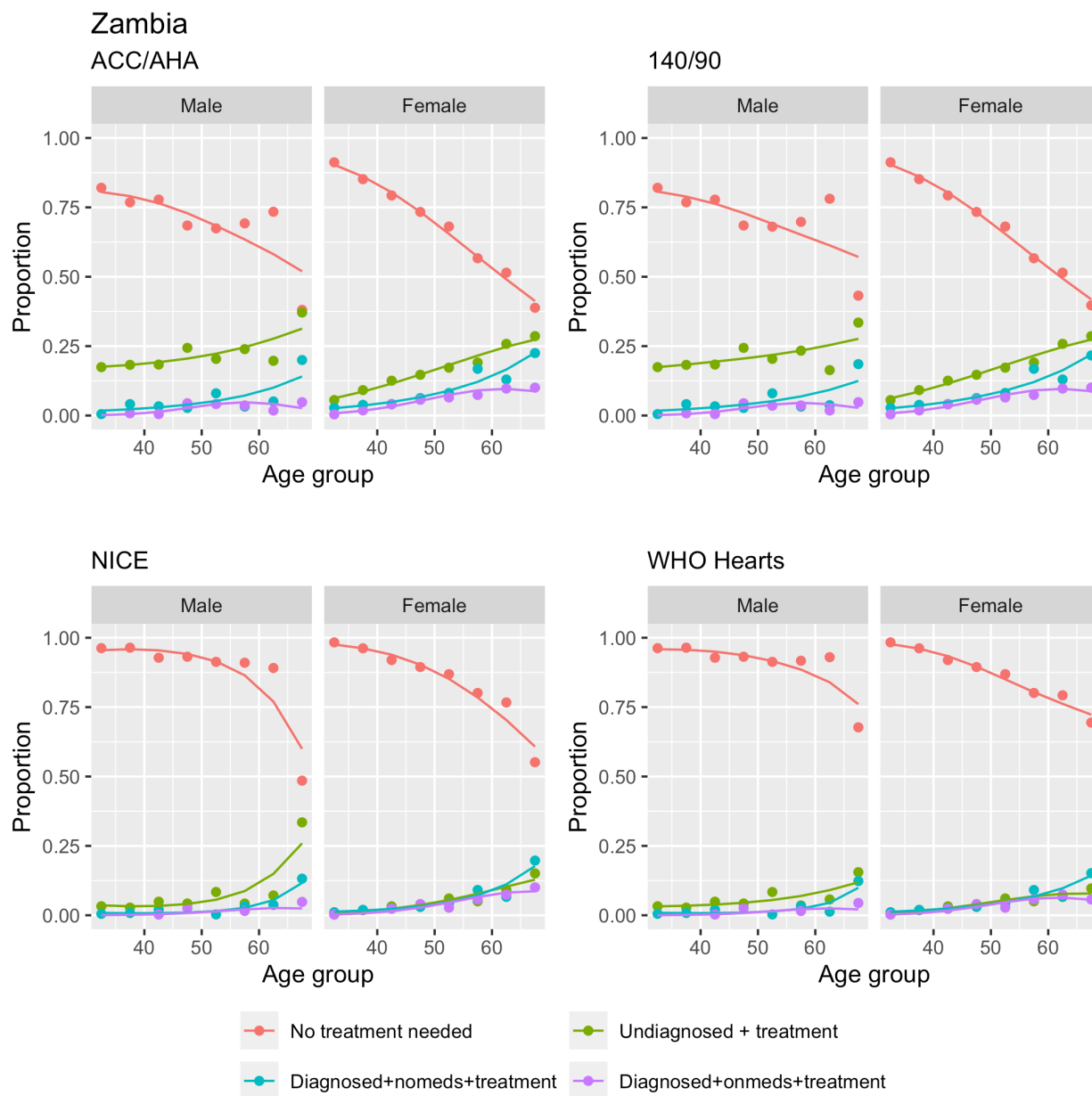
Supplemental Figure L: Regression model fit of treatment need by age for Togo. Lines are the model predicted proportions and the dots are the raw proportions by 5-year age group.



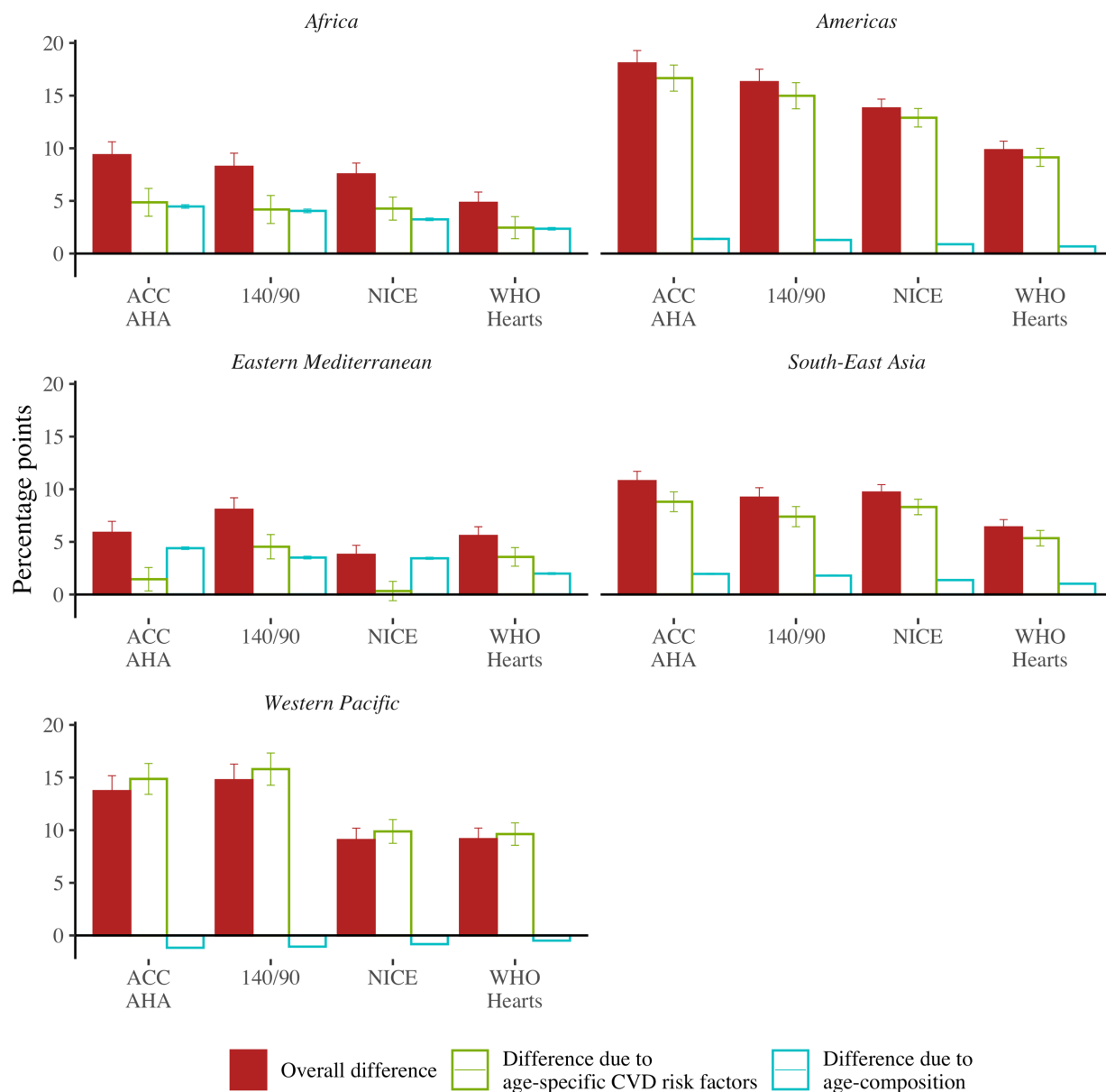
Supplemental Figure LI: Regression model fit of treatment need by age for Uganda. Lines are the model predicted proportions and the dots are the raw proportions by 5-year age group.



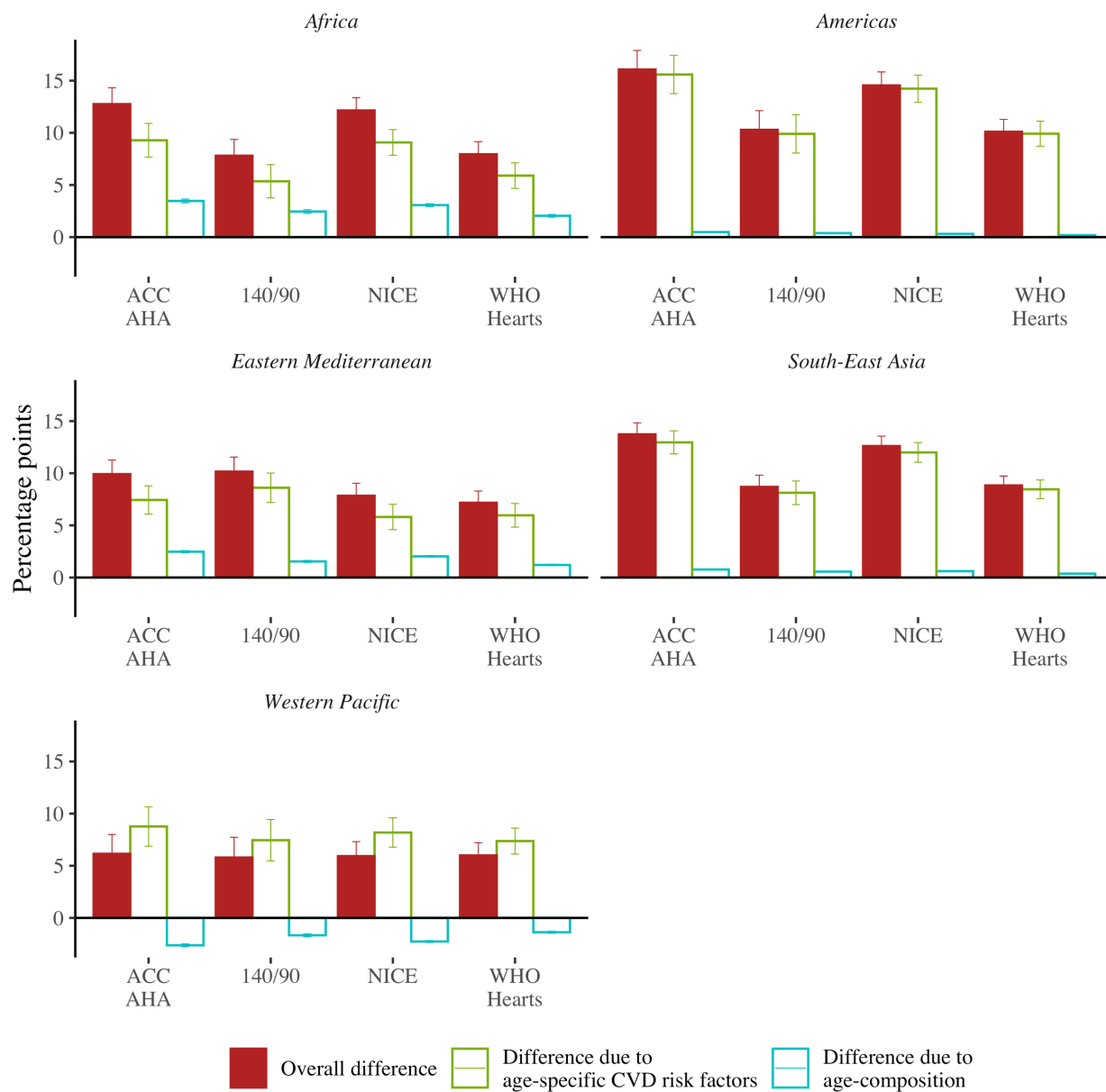
Supplemental Figure LII: Regression model fit of treatment need by age for Vanuatu. Lines are the model predicted proportions and the dots are the raw proportions by 5-year age group.



Supplemental Figure LIII: Regression model fit of treatment need by age for Zambia. Lines are the model predicted proportions and the dots are the raw proportions by 5-year age group.



Supplemental Figure LIV: Kitagawa decomposition of the difference in the proportion of women in need of BP-lowering medicines between each World Health Organization world region and the European region. Error bars represent 95% confidence intervals.



Supplemental Figure LV: Kitagawa decomposition of the difference in the proportion of men in need of BP-lowering medicines between each World Health Organization world region and the European region. Error bars represent 95% confidence intervals.