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CHIS Working Paper Series

# **CHIS 2019-2020 Redesign: Rationale, Empirical Evaluation, and Trends**

## **Appendix: Adult Subgroup Trend Analysis**

October 2020

This appendix corresponds with *CHIS 2019-2020 Redesign: Rationale, Empirical Evaluation, and Trends* and includes all of the Adult subgroup analyses by age, race/ethnicity, and poverty status for the key estimates examined in that report. Statistically unstable estimates, as defined by a coefficient of variation greater than 30%, are denoted with an asterisk. No formal statistical tests are reported at this time. Estimates denoted with a ‘–’ are suppressed due to small samples sizes. Estimates are organized by survey topic area and alphabetically (see variable list below). Subgroups by age, race/ethnicity, and poverty status are detailed as follows:

- Age group (5 groups): 18-24, 25-39, 40-64, 65-79, 80+
- Office and Management and Budget (OMB) race/ethnicity (5 groups): Latino, non-Latino white, non-Latino Asian, non-Latino African American, non-Latino other
- Poverty (4 groups): 0-138% FPL, 139-250% FPL, 251-400% FPL, 400% FPL and over

<b><u>Topic/Variable</u></b>	<b><u>Page</u></b>
Demographics .....	3
Citizenship .....	3
Country of birth.....	11
English proficiency .....	19
Family type.....	28
Marital status .....	36
Sexual orientation.....	44
Health conditions.....	52
Asthma .....	52
Body mass index .....	58
Diabetes .....	64
Hypertension.....	70
Self-rated health .....	76
Serious distress in the past month.....	82
Suicide ideation.....	88
Health behavior.....	94
Birth control (Male) .....	94
Current smoker .....	100
E-cigarette use ever .....	106
Tried marijuana or hashish ever .....	112
Health insurance .....	118
Health care.....	127
Delay getting care .....	127

Delay getting prescriptions .....	133
Last dental visit .....	139
Needed help for mental health.....	148
Routine check-up in the past 12 months.....	154
Usual source of care.....	160
Visit counselor mental health or drug abuse.....	166
Visit physician mental health or drug abuse.....	172
Socioeconomic .....	178
Employment status .....	178
Food security.....	187
Housing tenure.....	193
People in neighborhood willing to help.....	199
Poverty status .....	207

UPDATED NOVEMBER 2020

**Version note:** This updated appendix corrects errors in reported estimates for a select number of adult variables including health insurance type, poverty status, and food security.

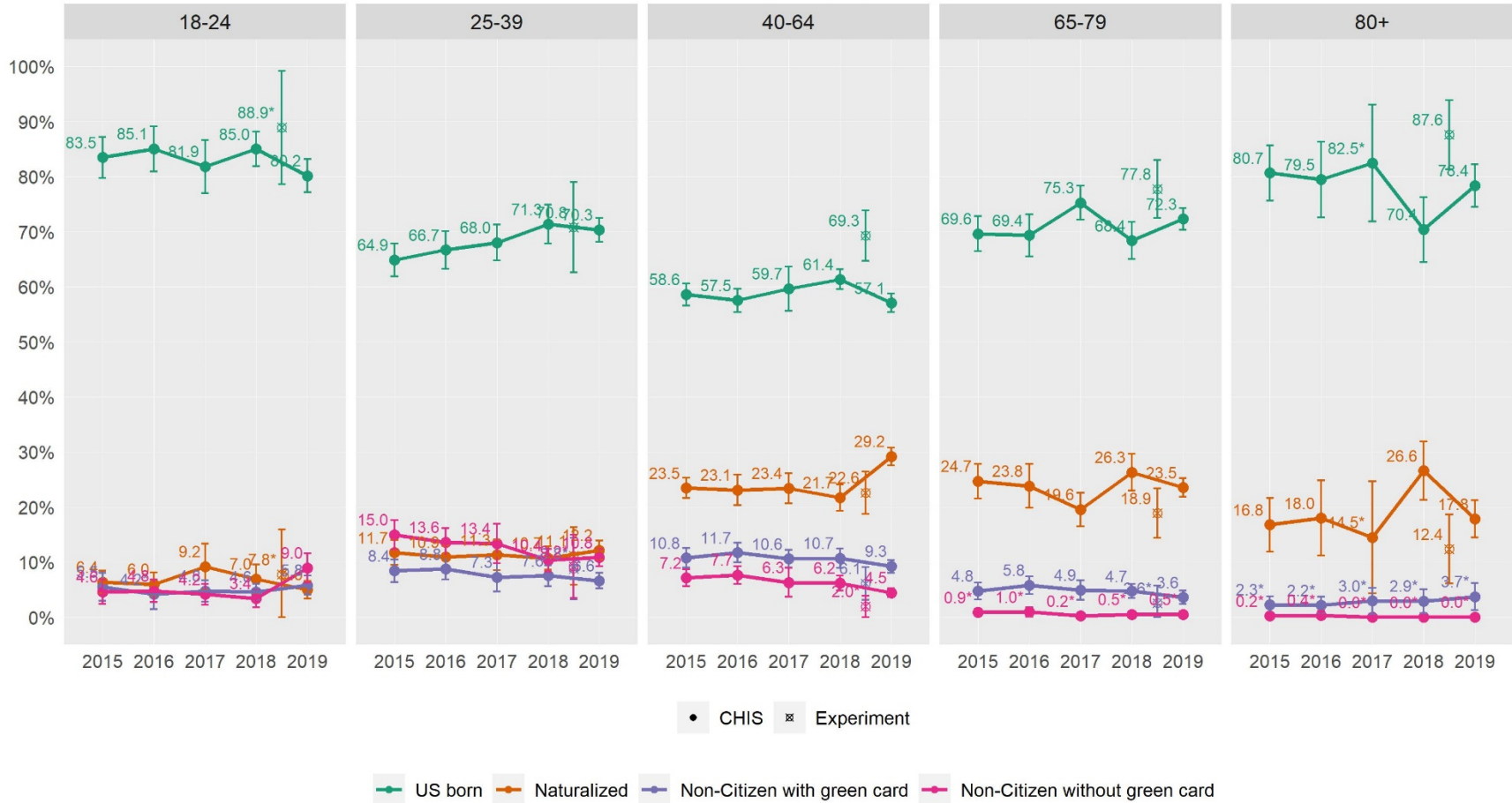
UPDATED FEBRUARY 2021

**Version note:** This updated appendix corrects an error where the figure for usual source of care by age was replaced by the figure for usual source of care by FPL.

# Demographics

## Citizenship

Citizenship by age



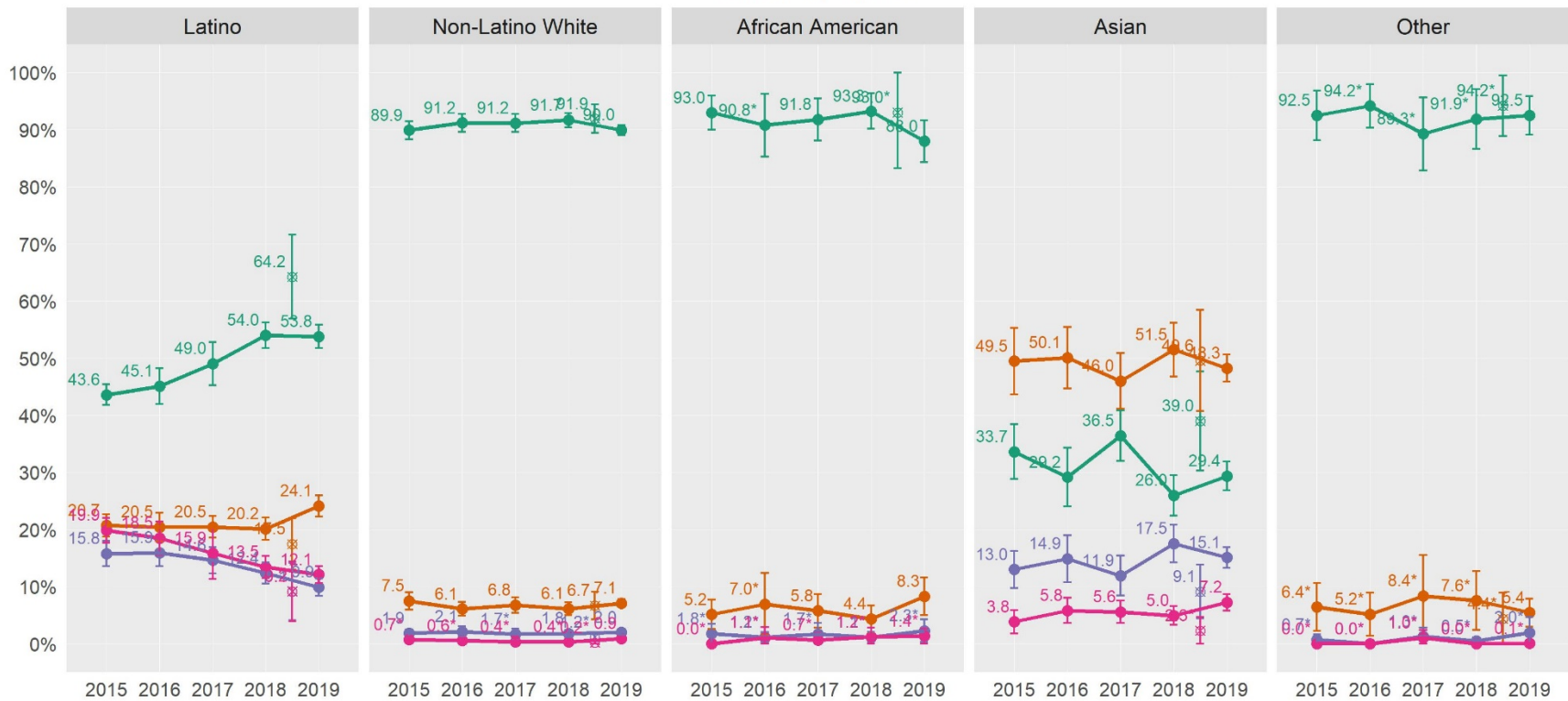
Age	Citizenship	CHIS 2015	CHIS 2016	CHIS 2017	CHIS 2018	CHIS 2019	Web Experiment
18-24	US born	83.5 (79.8, 87.2)	85.1 (80.9, 89.2)	81.9 (77.0, 86.7)	85.0 (81.9, 88.2)	80.2 (77.2, 83.2)	88.9* (78.6, 99.2)
	Naturalized	6.4 (4.4, 8.4)	6.0 (3.9, 8.1)	9.2 (5.0, 13.4)	7.0 (4.3, 9.6)	5.0 (3.4, 6.6)	7.8* (0.0, 15.9)
	Non-Citizen with green card	5.5 (3.0, 8.0)	4.2* (1.5, 6.9)	4.8 (2.8, 6.7)	4.6 (3.2, 6.1)	5.8 (4.1, 7.6)	- -
	Non-Citizen without green card	4.6 (2.4, 6.8)	4.8 (2.7, 6.8)	4.2 (2.3, 6.1)	3.4 (1.8, 5.0)	9.0 (6.3, 11.6)	- -
25-39	US born	64.9 (61.9, 67.8)	66.7 (63.3, 70.1)	68.0 (64.8, 71.3)	71.3 (67.8, 74.9)	70.3 (68.2, 72.5)	70.8 (62.6, 79.0)
	Naturalized	11.7 (9.5, 14.0)	10.9 (8.9, 13.0)	11.3 (8.5, 14.1)	10.7 (8.6, 12.9)	12.2 (10.5, 13.9)	11.1 (5.9, 16.3)
	Non-Citizen with green card	8.4 (6.4, 10.4)	8.8 (6.8, 10.7)	7.3 (4.7, 9.9)	7.6 (5.7, 9.4)	6.6 (5.2, 8.0)	8.8* (3.2, 14.4)
	Non-Citizen without green card	15.0 (12.3, 17.6)	13.6 (11.0, 16.2)	13.4 (9.8, 17.0)	10.4 (8.3, 12.4)	10.8 (9.3, 12.4)	9.2* (3.5, 15.0)
40-64	US born	58.6 (56.6, 60.6)	57.5 (55.4, 59.7)	59.7 (55.7, 63.7)	61.4 (59.5, 63.2)	57.4 (55.7, 59.1)	69.3 (64.7, 73.9)
	Naturalized	23.5 (21.6, 25.3)	23.1 (20.3, 25.9)	23.4 (20.7, 26.2)	21.7 (19.3, 24.1)	29.2 (27.6, 30.8)	22.6 (18.8, 26.4)
	Non-Citizen with green card	10.8 (9.0, 12.5)	11.7 (10.0, 13.5)	10.6 (9.0, 12.2)	10.7 (9.0, 12.5)	9.3 (8.1, 10.4)	6.1 (3.1, 9.1)
	Non-Citizen without green card	7.2 (5.7, 8.7)	7.7 (6.1, 9.3)	6.3 (3.7, 8.9)	6.2 (4.8, 7.6)	4.5 (3.7, 5.3)	2.0* (0.0, 3.9)
65-79	US born	69.6 (66.5, 72.8)	69.4 (65.5, 73.2)	75.3 (72.2, 78.3)	68.4 (65.1, 71.8)	72.3 (70.4, 74.3)	77.8 (72.5, 83.0)
	Naturalized	24.7 (21.6, 27.8)	23.8 (19.9, 27.8)	19.6 (16.5, 22.6)	26.3 (23.0, 29.7)	23.5 (21.9, 25.2)	18.9 (14.4, 23.4)
	Non-Citizen with green card	4.8 (3.3, 6.3)	5.8 (4.2, 7.5)	4.9 (3.2, 6.7)	4.7 (3.4, 6.0)	3.6 (2.4, 4.8)	2.6* (0.0, 5.8)
	Non-Citizen without green card	0.9* (0.2, 1.5)	1.0* (0.1, 1.8)	0.2* (0.0, 0.5)	0.5* (0.0, 1.1)	0.5* (0.0, 1.1)	- -

(continued)

80+	US born	80.7 (75.6, 85.7)	79.5 (72.6, 86.3)	82.5* (71.8, 93.1)	70.4 (64.5, 76.3)	78.4 (74.5, 82.2)	87.6 (81.3, 93.9)
	Naturalized	16.8 (11.9, 21.7)	18.0 (11.2, 24.9)	14.5* (4.4, 24.7)	26.6 (21.3, 31.9)	17.8 (14.5, 21.2)	12.4 (6.1, 18.7)
	Non-Citizen with green card	2.3* (0.8, 3.8)	2.2* (0.6, 3.7)	3.0* (0.6, 5.4)	2.9* (0.8, 5.1)	3.7* (1.3, 6.2)	- -
	Non-Citizen without green card	0.2* (0.0, 0.8)	0.4* (0.0, 1.2)	- -	- -	- -	- -

Note. \* = statistically unstable. – = suppressed due to small sample size.

### Citizenship by race



• CHIS    ✕ Experiment

— US born    — Naturalized    — Non-Citizen with green card    — Non-Citizen without green card

Race/ethnicity	Citizenship	CHIS 2015	CHIS 2016	CHIS 2017	CHIS 2018	CHIS 2019	Web Experiment
African American	US born	93.0 (90.0, 95.9)	90.8* (85.3, 96.3)	91.8 (88.1, 95.5)	93.3 (90.2, 96.4)	88.0 (84.3, 91.7)	93.0* (83.2, 100.0)
	Naturalized	5.2 (2.6, 7.7)	7.0* (1.5, 12.4)	5.8 (2.9, 8.7)	4.4 (2.0, 6.7)	8.3 (5.0, 11.6)	- -
	Non-Citizen with green card	1.8* (0.0, 3.5)	1.2* (0.3, 2.0)	1.7* (0.0, 3.7)	1.1* (0.1, 2.1)	2.3* (0.3, 4.3)	- -
	Non-Citizen without green card	- -	1.1* (0.0, 2.9)	0.7* (0.0, 1.9)	1.2* (0.0, 2.8)	1.4* (0.1, 2.7)	- -
Asian	US born	33.7 (28.9, 38.4)	29.2 (24.0, 34.3)	36.5 (32.0, 40.9)	26.0 (22.5, 29.5)	29.4 (26.9, 31.9)	39.0 (30.3, 47.7)
	Naturalized	49.5 (43.6, 55.3)	50.1 (44.7, 55.4)	46.0 (41.2, 50.9)	51.5 (46.8, 56.2)	48.3 (45.9, 50.6)	49.6 (40.8, 58.4)
	Non-Citizen with green card	13.0 (9.8, 16.3)	14.9 (10.8, 19.0)	11.9 (8.4, 15.4)	17.5 (14.3, 20.8)	15.1 (13.3, 16.9)	9.1 (4.4, 13.8)
	Non-Citizen without green card	3.8 (1.8, 5.9)	5.8 (3.6, 8.1)	5.6 (3.6, 7.6)	5.0 (3.3, 6.6)	7.2 (5.8, 8.7)	2.3* (0.0, 4.7)
Latino	US born	43.6 (41.8, 45.4)	45.1 (42.0, 48.2)	49.0 (45.3, 52.8)	54.0 (51.8, 56.3)	53.8 (51.8, 55.9)	64.2 (56.9, 71.6)
	Naturalized	20.7 (18.7, 22.7)	20.5 (18.0, 23.0)	20.5 (18.6, 22.3)	20.2 (18.2, 22.1)	24.1 (22.3, 26.0)	17.5 (13.0, 21.9)
	Non-Citizen with green card	15.8 (13.6, 18.0)	15.9 (13.6, 18.3)	14.6 (12.4, 16.9)	12.4 (10.5, 14.2)	9.9 (8.4, 11.4)	9.1 (4.1, 14.1)
	Non-Citizen without green card	19.9 (17.7, 22.1)	18.5 (15.6, 21.4)	15.9 (11.4, 20.4)	13.5 (11.5, 15.4)	12.1 (10.6, 13.6)	9.2 (4.0, 14.4)
Non-Latino White	US born	89.9 (88.3, 91.5)	91.2 (89.6, 92.8)	91.2 (89.6, 92.7)	91.7 (90.5, 92.9)	90.0 (89.1, 90.9)	91.9 (89.4, 94.4)
	Naturalized	7.5 (5.9, 9.1)	6.1 (4.9, 7.3)	6.8 (5.4, 8.2)	6.1 (5.0, 7.3)	7.1 (6.4, 7.8)	6.7 (4.3, 9.1)
	Non-Citizen with green card	1.9 (1.2, 2.5)	2.1 (1.2, 3.1)	1.7* (0.7, 2.7)	1.8 (1.2, 2.4)	2.0 (1.5, 2.4)	1.2* (0.4, 1.9)
	Non-Citizen without green card	0.7* (0.3, 1.2)	0.6* (0.2, 1.0)	0.4* (0.0, 1.3)	0.4* (0.1, 0.7)	0.9 (0.6, 1.2)	0.2* (0.0, 0.5)

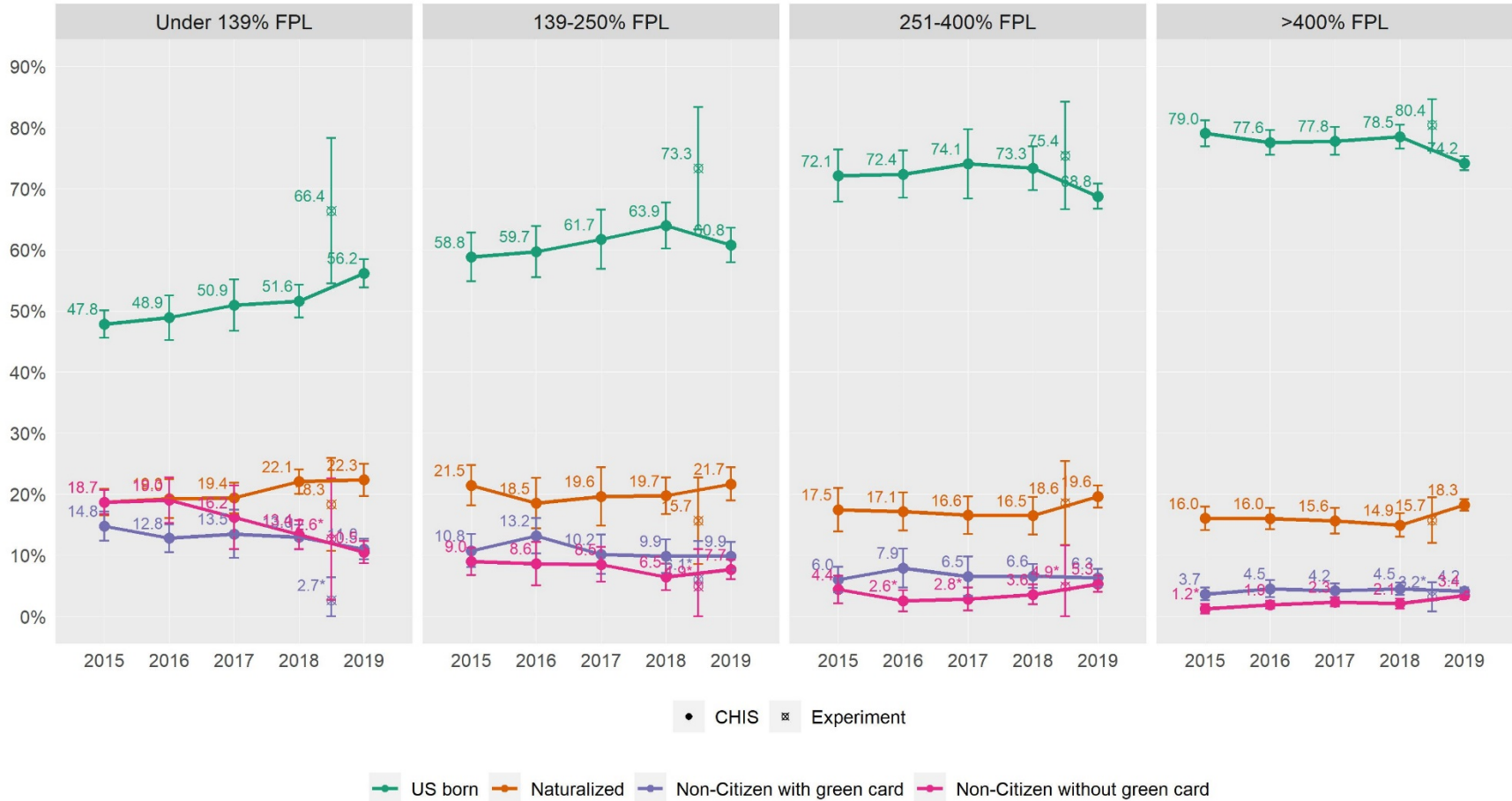
(continued)



Other	US born	92.5 (88.2, 96.9)	94.2* (90.4, 98.0)	89.3* (82.9, 95.7)	91.9* (86.7, 97.1)	92.5 (89.2, 95.9)	94.2* (88.9, 99.5)
	Naturalized	6.4* (2.3, 10.6)	5.2* (1.4, 8.9)	8.4* (1.3, 15.5)	7.6* (2.4, 12.7)	5.4 (3.0, 7.9)	4.4* (0.0, 8.9)
	Non-Citizen with green card	0.7* (0.0, 1.7)	- -	1.3* (0.0, 2.9)	0.5* (0.0, 1.2)	2.0* (0.0, 4.7)	- -
	Non-Citizen without green card	- -	- -	1.0* (0.0, 2.4)	- -	- -	- -

Note. \* = statistically unstable. – = suppressed due to small sample size.

### Citizenship by FPL

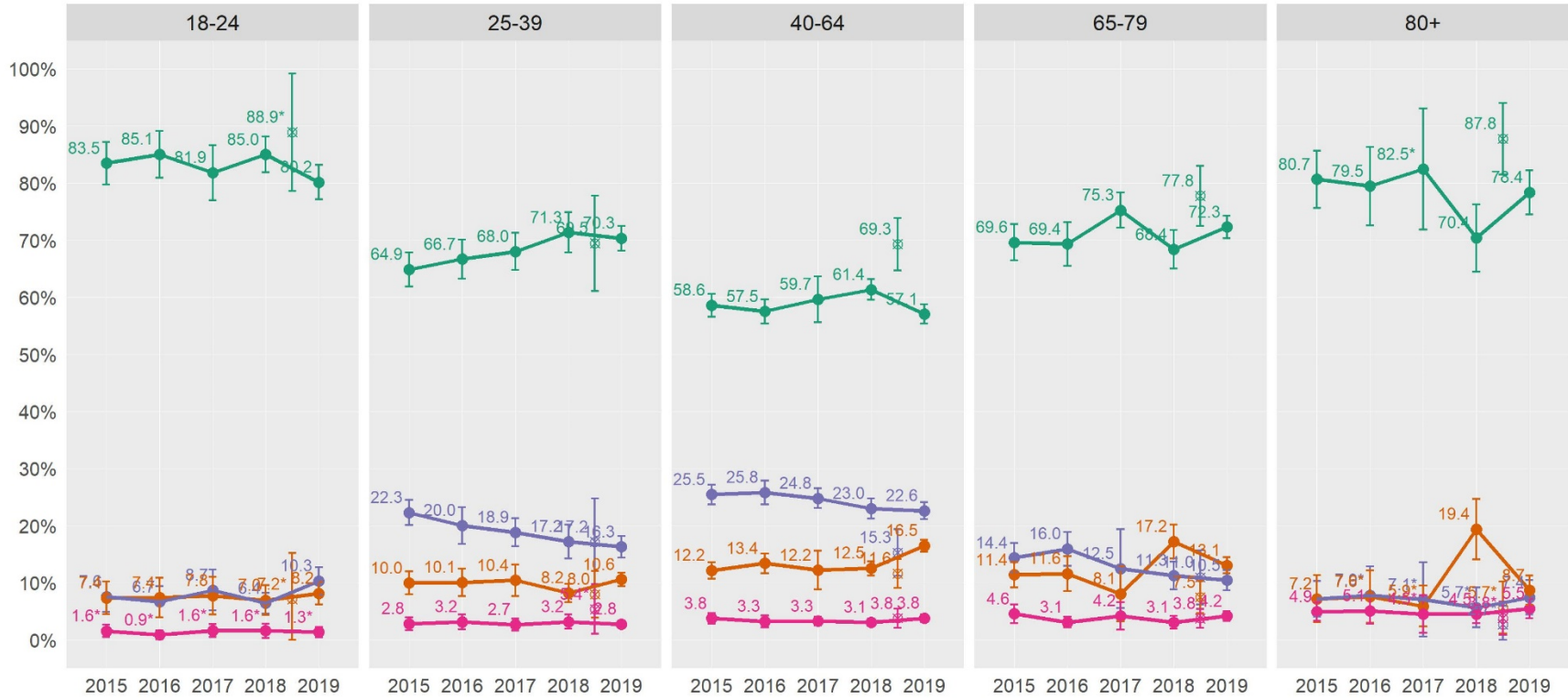


FPL	Citizenship	CHIS 2015	CHIS 2016	CHIS 2017	CHIS 2018	CHIS 2019	Web Experiment
Under 139% FPL	US born	47.8 (45.6, 50.1)	48.9 (45.3, 52.6)	50.9 (46.7, 55.1)	51.6 (48.9, 54.3)	56.2 (53.9, 58.5)	66.4 (54.5, 78.3)
	Naturalized	18.7 (16.5, 20.9)	19.3 (16.1, 22.4)	19.4 (16.9, 21.8)	22.1 (20.1, 24.0)	22.3 (19.7, 25.0)	18.3 (10.7, 25.9)
	Non-Citizen with green card	14.8 (12.4, 17.1)	12.8 (10.5, 15.1)	13.5 (9.6, 17.4)	13.0 (11.0, 15.0)	11.0 (9.3, 12.7)	2.7 (0.0, 6.4)
	Non-Citizen without green card	18.7 (16.7, 20.7)	19.0 (15.3, 22.8)	16.2 (11.0, 21.4)	13.4 (11.0, 15.7)	10.5 (8.7, 12.3)	12.6 (2.7, 22.6)
139-250% FPL	US born	58.8 (54.8, 62.8)	59.7 (55.5, 63.9)	61.7 (56.9, 66.5)	63.9 (60.2, 67.7)	60.8 (58.0, 63.6)	73.3 (63.3, 83.3)
	Naturalized	21.5 (18.2, 24.7)	18.5 (14.4, 22.6)	19.6 (14.9, 24.4)	19.7 (16.8, 22.7)	21.7 (18.9, 24.4)	15.7 (8.6, 22.7)
	Non-Citizen with green card	10.8 (8.0, 13.5)	13.2 (10.3, 16.1)	10.2 (7.0, 13.4)	9.9 (7.1, 12.6)	9.9 (7.6, 12.1)	6.1 (0.0, 12.3)
	Non-Citizen without green card	9.0 (6.8, 11.2)	8.6 (5.1, 12.2)	8.5 (5.6, 11.4)	6.5 (4.3, 8.7)	7.7 (6.1, 9.2)	4.9 (0.0, 11.0)
251-400% FPL	US born	72.1 (67.8, 76.4)	72.4 (68.5, 76.2)	74.1 (68.4, 79.7)	73.3 (69.8, 76.9)	68.8 (66.7, 70.8)	75.4 (66.6, 84.2)
	Naturalized	17.5 (13.9, 21.0)	17.1 (14.0, 20.2)	16.6 (13.5, 19.6)	16.5 (13.4, 19.6)	19.6 (17.8, 21.4)	18.6 (11.7, 25.4)
	Non-Citizen with green card	6.0 (3.9, 8.1)	7.9 (4.7, 11.1)	6.5 (3.3, 9.8)	6.6 (4.6, 8.6)	6.3 (4.8, 7.7)	- -
	Non-Citizen without green card	4.4 (2.1, 6.7)	2.6 (0.8, 4.3)	2.8 (0.9, 4.7)	3.6 (2.0, 5.2)	5.3 (4.0, 6.6)	4.9 (0.0, 11.6)
>400% FPL	US born	79.0 (76.9, 81.2)	77.6 (75.5, 79.6)	77.8 (75.5, 80.1)	78.5 (76.5, 80.4)	74.2 (73.0, 75.3)	80.4 (76.2, 84.6)
	Naturalized	16.0 (14.1, 18.0)	16.0 (14.3, 17.8)	15.6 (13.5, 17.7)	14.9 (13.0, 16.9)	18.3 (17.3, 19.2)	15.7 (12.0, 19.4)
	Non-Citizen with green card	3.7 (2.6, 4.7)	4.5 (3.1, 5.9)	4.2 (3.1, 5.4)	4.5 (3.5, 5.5)	4.2 (3.6, 4.7)	3.2 (0.8, 5.6)
	Non-Citizen without green card	1.2 (0.4, 2.1)	1.9 (1.3, 2.5)	2.3 (1.6, 3.1)	2.1 (1.3, 2.9)	3.4 (2.8, 4.0)	- -

Note. \* = statistically unstable. - = suppressed due to small sample size.

Country of birth

Country of birth by age



• CHIS    ✕ Experiment

— US    — Asia and Pacific Islands    — Mexico/Central America    — Other

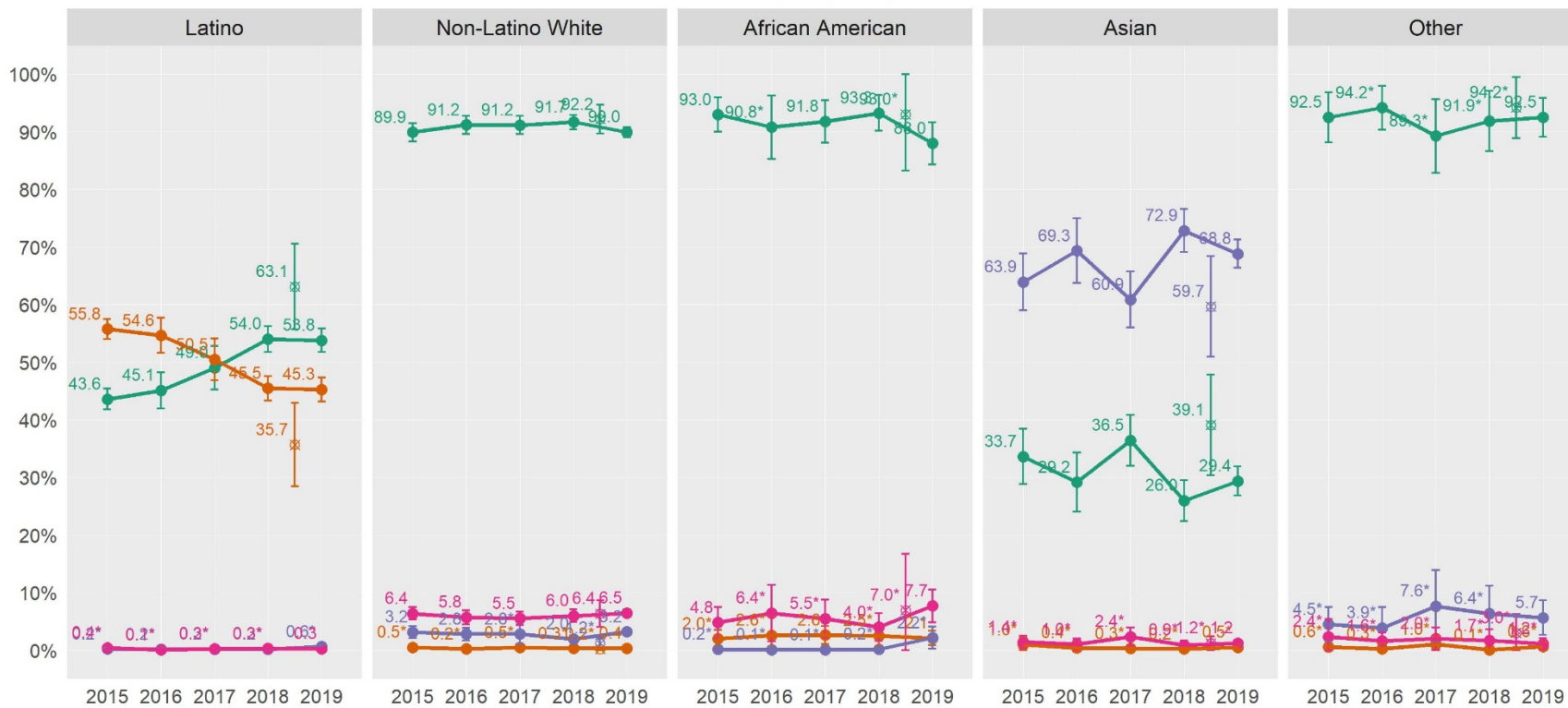
Age	Country of birth	CHIS 2015	CHIS 2016	CHIS 2017	CHIS 2018	CHIS 2019	Web Experiment
18-24	US	83.5 (79.8, 87.2)	85.1 (80.9, 89.2)	81.9 (77.0, 86.7)	85.0 (81.9, 88.2)	80.2 (77.2, 83.2)	88.9* (78.6, 99.2)
	Mexico/Central America	7.6 (4.9, 10.2)	6.7 (3.9, 9.4)	8.7 (5.2, 12.3)	6.4 (4.6, 8.2)	10.3 (7.9, 12.7)	- -
	Asia and Pacific Islands	7.4 (4.5, 10.2)	7.4 (3.9, 10.8)	7.8 (4.5, 11.1)	7.0 (4.3, 9.6)	8.2 (6.2, 10.1)	7.2* (0.0, 15.2)
	Other	1.6* (0.5, 2.6)	0.9* (0.1, 1.7)	1.6* (0.5, 2.8)	1.6* (0.4, 2.8)	1.3* (0.4, 2.3)	- -
25-39	US	64.9 (61.9, 67.8)	66.7 (63.3, 70.1)	68.0 (64.8, 71.3)	71.3 (67.8, 74.9)	70.3 (68.2, 72.5)	69.5 (61.1, 77.8)
	Mexico/Central America	22.3 (20.1, 24.6)	20.0 (16.9, 23.2)	18.9 (16.4, 21.3)	17.2 (14.3, 20.2)	16.3 (14.4, 18.2)	17.2 (9.6, 24.7)
	Asia and Pacific Islands	10.0 (8.0, 12.0)	10.1 (7.7, 12.4)	10.4 (7.7, 13.2)	8.2 (6.6, 9.8)	10.6 (9.5, 11.8)	8.0 (3.9, 12.1)
	Other	2.8 (1.7, 4.0)	3.2 (1.9, 4.5)	2.7 (1.7, 3.7)	3.2 (1.9, 4.4)	2.8 (2.1, 3.4)	5.4* (1.0, 9.7)
40-64	US	58.6 (56.6, 60.6)	57.5 (55.4, 59.7)	59.7 (55.7, 63.7)	61.4 (59.5, 63.2)	57.1 (55.4, 58.7)	69.3 (64.7, 73.9)
	Mexico/Central America	25.5 (23.8, 27.2)	25.8 (23.7, 27.9)	24.8 (23.1, 26.5)	23.0 (21.3, 24.8)	22.6 (21.2, 24.1)	15.3 (11.2, 19.4)
	Asia and Pacific Islands	12.2 (10.7, 13.6)	13.4 (11.7, 15.1)	12.2 (8.9, 15.6)	12.5 (11.3, 13.8)	16.5 (15.5, 17.5)	11.6 (9.1, 14.1)
	Other	3.8 (2.8, 4.7)	3.3 (2.2, 4.3)	3.3 (2.5, 4.1)	3.1 (2.4, 3.8)	3.8 (3.1, 4.4)	3.8 (2.1, 5.5)
65-79	US	69.6 (66.5, 72.8)	69.4 (65.5, 73.2)	75.3 (72.2, 78.3)	68.4 (65.1, 71.8)	72.3 (70.4, 74.3)	77.8 (72.5, 83.1)
	Mexico/Central America	14.4 (11.8, 16.9)	16.0 (13.0, 18.9)	12.5 (5.6, 19.4)	11.3 (8.8, 13.7)	10.5 (8.7, 12.2)	11.0 (6.2, 15.7)
	Asia and Pacific Islands	11.4 (9.2, 13.6)	11.6 (8.5, 14.7)	8.1 (3.3, 12.8)	17.2 (14.3, 20.2)	13.1 (11.7, 14.5)	7.5 (4.7, 10.3)
	Other	4.6 (2.9, 6.2)	3.1 (2.2, 4.0)	4.2 (1.8, 6.6)	3.1 (2.0, 4.2)	4.2 (3.3, 5.0)	3.8 (2.1, 5.4)

(continued)

80+	US	80.7 (75.6, 85.7)	79.5 (72.6, 86.3)	82.5* (71.8, 93.1)	70.4 (64.5, 76.3)	78.4 (74.5, 82.2)	87.8 (81.5, 94.1)
	Mexico/Central America	7.2 (4.0, 10.3)	7.9* (2.8, 12.9)	7.1* (0.5, 13.6)	5.7* (2.2, 9.2)	7.4 (4.4, 10.4)	2.7* (0.0, 6.0)
	Asia and Pacific Islands	7.2 (3.1, 11.4)	7.6* (3.0, 12.2)	5.9* (2.4, 9.5)	19.4 (14.1, 24.7)	8.7 (6.1, 11.2)	5.7* (1.1, 10.3)
	Other	4.9 (3.3, 6.6)	5.1 (2.8, 7.4)	4.5* (1.3, 7.8)	4.5 (2.9, 6.0)	5.5 (3.8, 7.2)	3.8* (0.9, 6.7)

Note. \* = statistically unstable. – = suppressed due to small sample size.

### Country of birth by race



• CHIS    ✕ Experiment

US    Mexico/Central America    Asia and Pacific Islands    Other

Race/ethnicity	Country of birth	CHIS 2015	CHIS 2016	CHIS 2017	CHIS 2018	CHIS 2019	Web Experiment
African American	US	93.0 (90.0, 95.9)	90.8* (85.3, 96.3)	91.8 (88.1, 95.5)	93.3 (90.2, 96.4)	88.0 (84.3, 91.7)	93.0* (83.2, 100.0)
	Mexico/Central America	2.0* (0.4, 3.6)	2.6* (0.0, 6.0)	2.6 (1.1, 4.2)	2.5* (0.8, 4.3)	2.1 (0.9, 3.4)	- -
	Asia and Pacific Islands	0.2* (0.0, 0.6)	- -	- -	0.2* (0.0, 0.6)	2.2* (0.2, 4.1)	- -
	Other	4.8 (2.1, 7.5)	6.4* (1.6, 11.3)	5.5* (2.2, 8.8)	4.0* (1.6, 6.4)	7.7 (4.9, 10.5)	7.0* (0.0, 16.8)
Asian	US	33.7 (28.9, 38.4)	29.2 (24.0, 34.3)	36.5 (32.0, 40.9)	26.0 (22.5, 29.5)	29.4 (26.9, 31.9)	39.1 (30.4, 47.8)
	Mexico/Central America	1.0* (0.0, 2.2)	0.4* (0.0, 1.4)	0.3* (0.0, 0.8)	0.2* (0.0, 0.6)	0.5* (0.2, 0.9)	- -
	Asia and Pacific Islands	63.9 (59.0, 68.9)	69.3 (63.7, 75.0)	60.9 (56.0, 65.7)	72.9 (69.1, 76.6)	68.8 (66.4, 71.3)	59.7 (51.0, 68.4)
	Other	1.4* (0.4, 2.5)	1.0* (0.1, 2.0)	2.4* (0.7, 4.0)	0.9* (0.1, 1.7)	1.2 (0.7, 1.8)	1.2* (0.0, 2.4)
Latino	US	43.6 (41.8, 45.4)	45.1 (42.0, 48.2)	49.0 (45.3, 52.8)	54.0 (51.8, 56.3)	53.8 (51.8, 55.9)	63.1 (55.7, 70.6)
	Mexico/Central America	55.8 (54.0, 57.5)	54.6 (51.6, 57.7)	50.5 (46.9, 54.1)	45.5 (43.3, 47.6)	45.3 (43.2, 47.4)	35.7 (28.4, 42.9)
	Asia and Pacific Islands	0.2* (0.0, 0.5)	0.2* (0.0, 0.4)	0.2* (0.0, 0.5)	0.2* (0.0, 0.4)	0.6* (0.3, 1.0)	- -
	Other	0.4* (0.0, 0.9)	0.1* (0.0, 0.1)	0.3* (0.0, 0.6)	0.3* (0.0, 0.6)	0.3 (0.1, 0.4)	- -
Non-Latino White	US	89.9 (88.3, 91.5)	91.2 (89.6, 92.8)	91.2 (89.6, 92.7)	91.7 (90.5, 92.9)	90.0 (89.1, 90.9)	92.2 (89.7, 94.7)
	Mexico/Central America	0.5* (0.2, 0.8)	0.2* (0.0, 0.4)	0.5* (0.2, 0.8)	0.3* (0.1, 0.6)	0.4 (0.2, 0.5)	0.2* (0.0, 0.4)
	Asia and Pacific Islands	3.2 (2.1, 4.2)	2.8 (1.7, 3.9)	2.8* (1.1, 4.5)	2.0 (1.4, 2.6)	3.2 (2.6, 3.8)	1.2* (0.4, 2.1)
	Other	6.4 (5.3, 7.5)	5.8 (4.6, 7.0)	5.5 (4.4, 6.7)	6.0 (4.9, 7.1)	6.5 (5.8, 7.1)	6.4 (4.0, 8.7)

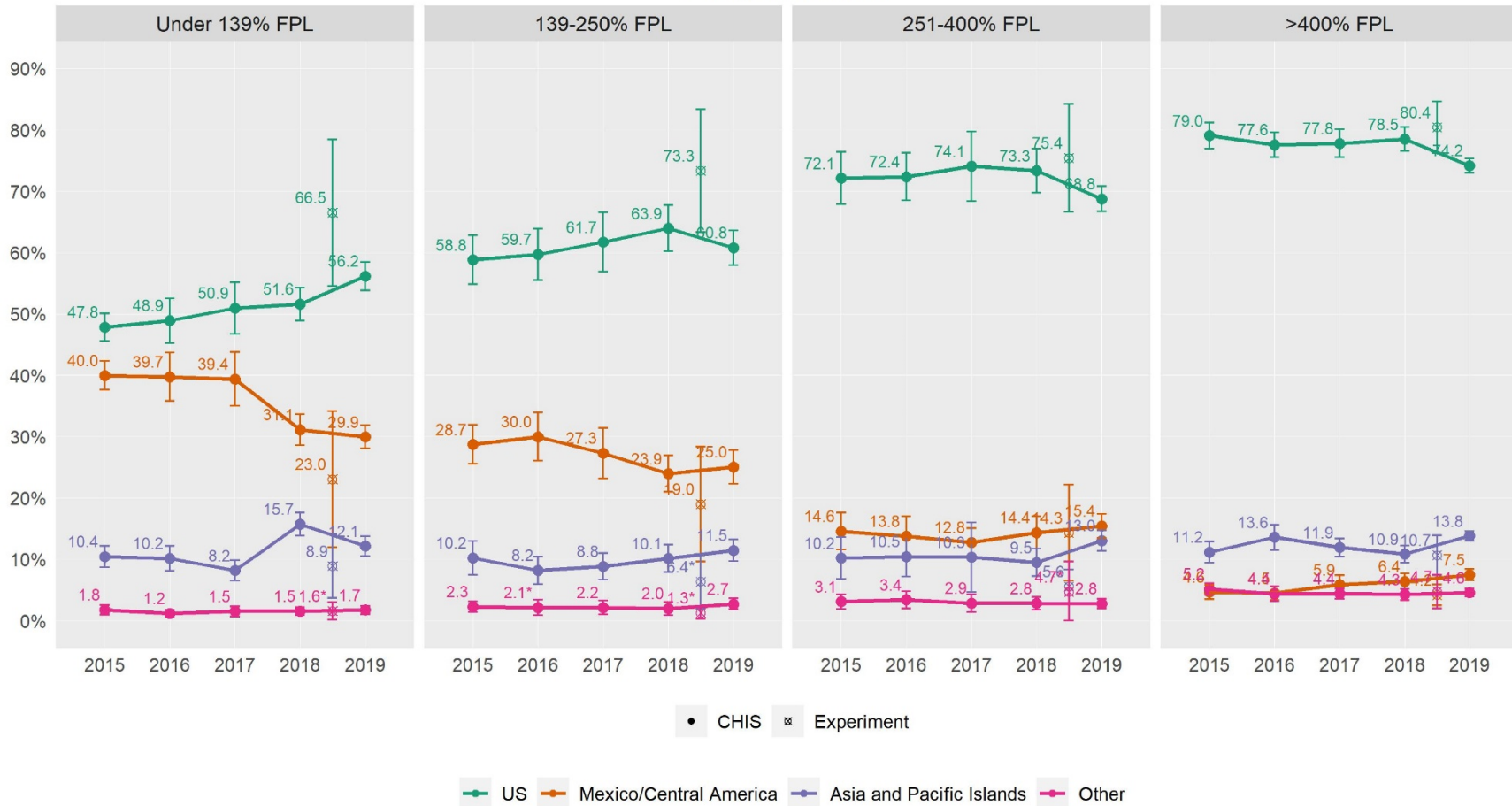
(continued)



Other	US	92.5 (88.2, 96.9)	94.2* (90.4, 98.0)	89.3* (82.9, 95.7)	91.9* (86.7, 97.1)	92.5 (89.2, 95.9)	94.2* (88.9, 99.5)
	Mexico/Central America	0.6* (0.1, 1.2)	-	1.0* (0.0, 2.4)	-	0.6* (0.0, 1.5)	-
	Asia and Pacific Islands	4.5* (1.5, 7.5)	3.9* (0.2, 7.5)	7.6* (1.4, 13.9)	6.4* (1.5, 11.2)	5.7 (2.6, 8.7)	-
	Other	2.4* (0.0, 5.4)	1.6* (0.2, 3.1)	2.0* (0.1, 4.0)	1.7* (0.0, 3.7)	1.2* (0.2, 2.1)	3.0* (0.0, 6.3)

Note. \* = statistically unstable. – = suppressed due to small sample size.

### Country of birth by FPL

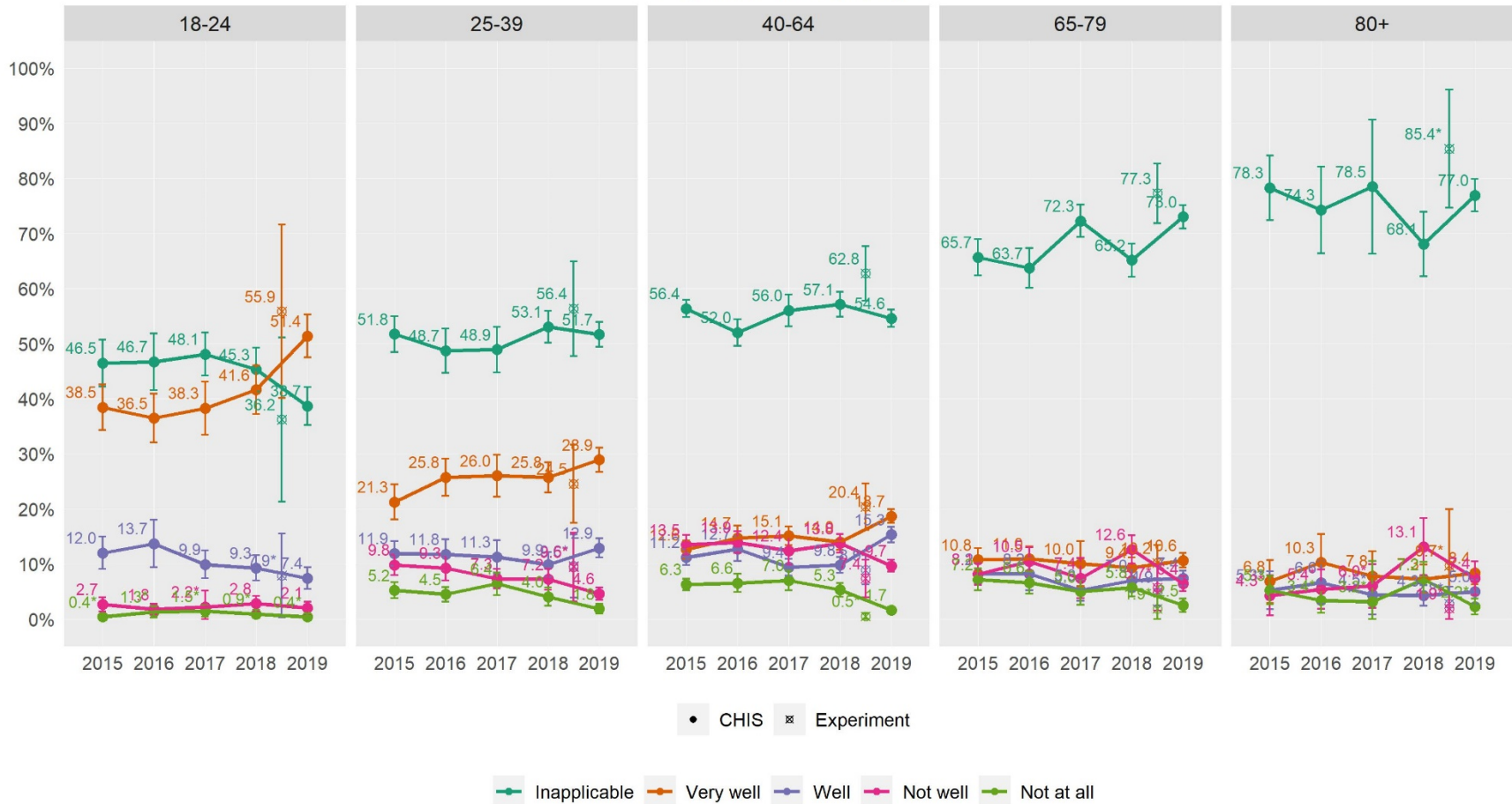


FPL	Country of birth	CHIS 2015	CHIS 2016	CHIS 2017	CHIS 2018	CHIS 2019	Web Experiment
Under 139% FPL	US	47.8 (45.6, 50.1)	48.9 (45.3, 52.6)	50.9 (46.7, 55.1)	51.6 (48.9, 54.3)	56.2 (53.9, 58.5)	66.5 (54.6, 78.4)
	Mexico/Central America	40 (37.6, 42.3)	39.7 (35.8, 43.7)	39.4 (35.0, 43.8)	31.1 (28.6, 33.6)	29.9 (28.1, 31.8)	23.0 (11.9, 34.2)
	Asia and Pacific Islands	10.4 (8.7, 12.2)	10.2 (8.1, 12.2)	8.2 (6.5, 9.8)	15.7 (13.8, 17.6)	12.1 (10.5, 13.8)	8.9 (3.7, 14.1)
	Other	1.8 (0.9, 2.6)	1.2 (0.6, 1.8)	1.5 (0.7, 2.3)	1.5 (0.9, 2.2)	1.7 (1.0, 2.4)	1.6* (0.1, 3.0)
139-250% FPL	US	58.8 (54.8, 62.8)	59.7 (55.5, 63.9)	61.7 (56.9, 66.5)	63.9 (60.2, 67.7)	60.8 (58.0, 63.6)	73.3 (63.3, 83.3)
	Mexico/Central America	28.7 (25.5, 31.9)	30.0 (26.0, 34.0)	27.3 (23.2, 31.4)	23.9 (21.0, 26.9)	25.0 (22.3, 27.8)	19.0 (9.6, 28.4)
	Asia and Pacific Islands	10.2 (7.5, 12.9)	8.2 (5.9, 10.4)	8.8 (6.7, 11.0)	10.1 (7.9, 12.4)	11.5 (9.7, 13.2)	6.4* (1.9, 10.8)
	Other	2.3 (1.4, 3.2)	2.1* (0.9, 3.4)	2.2 (1.1, 3.2)	2.0 (0.9, 3.1)	2.7 (1.8, 3.6)	1.3* (0.3, 2.3)
251-400% FPL	US	72.1 (67.8, 76.4)	72.4 (68.5, 76.2)	74.1 (68.4, 79.7)	73.3 (69.8, 76.9)	68.8 (66.7, 70.8)	75.4 (66.6, 84.2)
	Mexico/Central America	14.6 (11.6, 17.6)	13.8 (10.5, 17.0)	12.8 (10.4, 15.1)	14.4 (11.7, 17.0)	15.4 (13.5, 17.4)	14.3 (6.5, 22.1)
	Asia and Pacific Islands	10.2 (6.8, 13.6)	10.5 (7.2, 13.8)	10.3 (4.6, 16.0)	9.5 (7.2, 11.7)	13.0 (11.4, 14.7)	5.6 (2.8, 8.3)
	Other	3.1 (1.9, 4.3)	3.4 (2.0, 4.8)	2.9 (1.4, 4.3)	2.8 (1.7, 3.9)	2.8 (2.0, 3.6)	4.7* (0.0, 9.6)
>400% FPL	US	79.0 (76.9, 81.2)	77.6 (75.5, 79.6)	77.8 (75.5, 80.1)	78.5 (76.5, 80.4)	74.2 (73.0, 75.3)	80.4 (76.2, 84.6)
	Mexico/Central America	4.6 (3.5, 5.8)	4.5 (3.4, 5.6)	5.9 (4.3, 7.4)	6.4 (5.1, 7.7)	7.5 (6.6, 8.4)	4.2 (2.5, 5.9)
	Asia and Pacific Islands	11.2 (9.4, 12.9)	13.6 (11.5, 15.7)	11.9 (10.5, 13.4)	10.9 (9.4, 12.3)	13.8 (13.0, 14.6)	10.7 (7.4, 13.9)
	Other	5.2 (4.2, 6.1)	4.4 (3.2, 5.6)	4.4 (3.5, 5.3)	4.3 (3.4, 5.2)	4.6 (3.9, 5.2)	4.7 (2.0, 7.5)

Note. \* = statistically unstable.

English proficiency

English proficiency by age



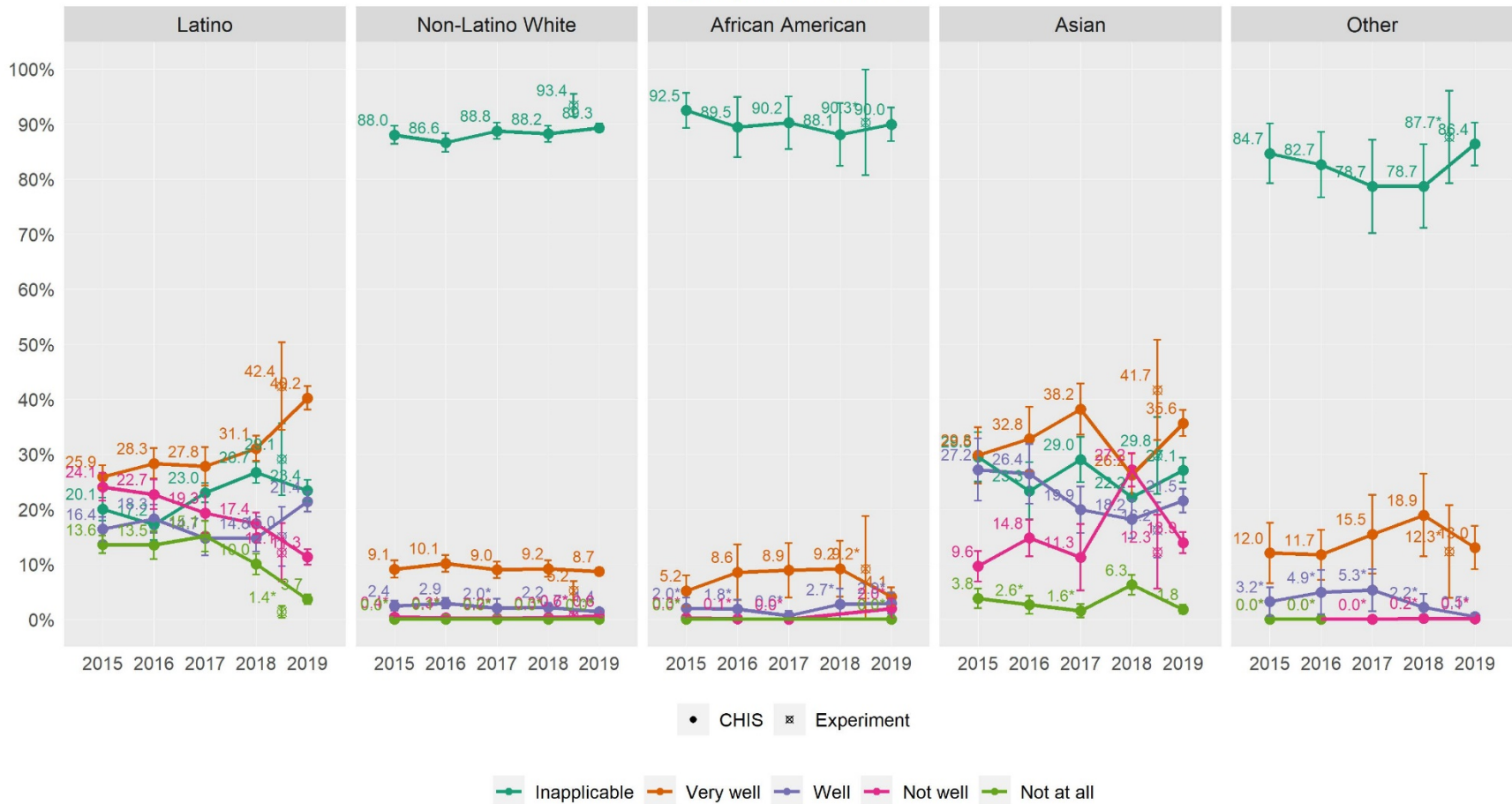
Age	English Proficiency	CHIS 2015	CHIS 2016	CHIS 2017	CHIS 2018	CHIS 2019	Web Experiment
18-24	Inapplicable	46.5 (42.2, 50.8)	46.7 (41.6, 51.9)	48.1 (44.2, 52.0)	45.3 (41.3, 49.3)	38.7 (35.3, 42.1)	36.2 (21.3, 51.1)
	Very well	38.5 (34.3, 42.6)	36.5 (32.1, 40.9)	38.3 (33.4, 43.1)	41.6 (37.2, 46.0)	51.4 (47.5, 55.3)	55.9 (40.1, 71.6)
	Well	12.0 (9.1, 14.9)	13.7 (9.4, 18.0)	9.9 (7.4, 12.5)	9.3 (7.0, 11.6)	7.4 (5.5, 9.4)	7.9* (0.3, 15.5)
	Not well	2.7 (1.4, 4.0)	1.8 (0.8, 2.7)	2.2* (0.0, 5.2)	2.8 (1.4, 4.2)	2.1 (0.9, 3.2)	- -
	Not at all	0.4* (0.0, 0.7)	1.3* (0.3, 2.3)	1.5* (0.4, 2.5)	0.9* (0.2, 1.7)	- -	- -
	25-39	Inapplicable	51.8 (48.5, 55.0)	48.7 (44.7, 52.8)	48.9 (44.8, 53.1)	53.1 (50.2, 56.0)	51.7 (49.4, 54.0)
Very well		21.3 (18.1, 24.4)	25.8 (22.4, 29.1)	26.0 (22.2, 29.8)	25.8 (23.0, 28.5)	28.9 (26.7, 31.2)	24.5 (17.4, 31.7)
Well		11.9 (9.7, 14.2)	11.8 (9.1, 14.5)	11.3 (8.3, 14.3)	9.9 (7.6, 12.1)	12.9 (11.2, 14.7)	9.6* (3.9, 15.4)
Not well		9.8 (8.0, 11.7)	9.3 (7.0, 11.5)	7.3 (5.5, 9.1)	7.2 (5.4, 9.1)	4.6 (3.5, 5.8)	9.5* (3.2, 15.7)
Not at all		5.2 (3.8, 6.7)	4.5 (3.2, 5.8)	6.4 (4.4, 8.5)	4.0 (2.4, 5.7)	1.8 (1.0, 2.7)	- -
40-64		Inapplicable	56.4 (54.8, 58.0)	52.0 (49.6, 54.4)	56.0 (53.2, 58.9)	57.1 (54.9, 59.4)	54.6 (53.0, 56.2)
	Very well	12.6 (11.0, 14.3)	14.7 (12.5, 17.0)	15.1 (13.4, 16.8)	14.0 (12.6, 15.4)	18.7 (17.4, 20.0)	20.4 (16.2, 24.6)
	Well	11.2 (9.8, 12.6)	12.7 (10.5, 15.0)	9.4 (7.9, 11.0)	9.8 (8.4, 11.2)	15.3 (14.0, 16.7)	8.9 (6.3, 11.6)
	Not well	13.5 (11.7, 15.3)	13.9 (12.0, 15.9)	12.4 (9.9, 14.9)	13.8 (12.1, 15.4)	9.7 (8.6, 10.7)	7.4 (4.0, 10.8)
	Not at all	6.3 (5.3, 7.4)	6.6 (4.9, 8.2)	7.0 (5.3, 8.8)	5.3 (4.1, 6.5)	1.7 (1.1, 2.2)	0.5* (0.0, 1.0)
	65-79	Inapplicable	65.7 (62.4, 69.0)	63.7 (60.1, 67.3)	72.3 (69.3, 75.2)	65.2 (62.2, 68.2)	73.0 (70.9, 75.1)

(continued)

	Very well	10.8 (8.7, 12.8)	11.0 (8.8, 13.2)	10.0 (6.0, 14.1)	9.4 (7.6, 11.2)	10.6 (9.3, 12.0)	10.2 (7.0, 13.4)
	Well	8.2 (6.3, 10.1)	8.2 (5.3, 11.1)	5.3 (3.3, 7.2)	7.0 (5.0, 9.1)	7.4 (6.0, 8.8)	4.9 (2.4, 7.5)
	Not well	8.1 (6.2, 10.0)	10.5 (7.9, 13.0)	7.4 (3.8, 11.1)	12.6 (10.1, 15.2)	6.4 (5.1, 7.8)	5.7* (1.6, 9.8)
	Not at all	7.2 (5.2, 9.2)	6.6 (4.6, 8.6)	5.0 (2.6, 7.4)	5.8 (4.1, 7.4)	2.5 (1.3, 3.7)	1.9* (0.0, 4.0)
80+	Inapplicable	78.3 (72.5, 84.2)	74.3 (66.4, 82.2)	78.5 (66.3, 90.7)	68.1 (62.2, 74.0)	77.0 (74.0, 79.9)	85.4* (74.7, 96.1)
	Very well	6.8 (2.9, 10.7)	10.3 (5.1, 15.5)	7.8 (3.4, 12.3)	7.3 (4.6, 9.9)	8.4 (6.3, 10.5)	9.7* (0.0, 19.9)
	Well	5.3* (1.8, 8.7)	6.6 (2.8, 10.5)	4.5* (0.8, 8.1)	4.3 (2.4, 6.1)	5.0 (2.9, 7.1)	2.8* (0.0, 5.9)
	Not well	4.3* (0.7, 7.9)	5.4* (1.8, 9.0)	6.0* (2.0, 10.0)	13.1 (7.9, 18.3)	7.4 (4.4, 10.5)	1.9* (0.0, 4.8)
	Not at all	5.3 (2.7, 7.9)	3.4* (1.2, 5.6)	3.2* (0.0, 10.5)	7.2 (4.1, 10.4)	2.2* (0.8, 3.7)	- -

Note. \* = statistically unstable. – = suppressed due to small sample size.

### English proficiency by race



Race/ethnicity	English proficiency						Web
		CHIS 2015	CHIS 2016	CHIS 2017	CHIS 2018	CHIS 2019	Experiment
African American	Inapplicable	92.5 (89.3, 95.7)	89.5 (84.0, 95.0)	90.2 (85.4, 95.0)	88.1 (82.4, 93.8)	90.0 (86.9, 93.0)	90.3* (80.7, 99.9)
	Very well	5.2 (2.4, 8.0)	8.6 (3.5, 13.6)	8.9 (4.0, 13.9)	9.2 (4.1, 14.3)	4.1 (2.4, 5.8)	9.2* (0.0, 18.7)
	Well	2.0* (0.1, 4.0)	1.8* (0.1, 3.6)	0.6* (0.0, 1.6)	2.7* (0.0, 5.6)	2.9* (1.0, 4.9)	- -
	Not well	0.3* (0.0, 0.8)	0.1* (0.0, 0.3)	- -	- -	2.0* (0.2, 3.8)	- -
	Not at all	- -	- -	- -	- -	- -	- -
	Asian	Inapplicable	29.5 (25.0, 34.0)	23.3 (18.2, 28.5)	29.0 (24.9, 33.2)	22.2 (18.3, 26.1)	27.1 (24.8, 29.4)
	Very well	29.8 (24.7, 34.9)	32.8 (27.0, 38.6)	38.2 (33.5, 42.9)	26.2 (22.4, 30.1)	35.6 (33.3, 38.0)	41.7 (32.5, 50.8)
	Well	27.2 (21.5, 32.9)	26.4 (21.0, 31.9)	19.9 (15.7, 24.1)	18.2 (14.7, 21.6)	21.5 (19.4, 23.7)	16.2 (11.2, 21.2)
	Not well	9.6 (6.9, 12.4)	14.8 (11.4, 18.1)	11.3 (5.3, 17.3)	27.2 (24.1, 30.2)	13.9 (12.0, 15.8)	12.3 (5.6, 19.0)
	Not at all	3.8 (2.0, 5.6)	2.6* (1.0, 4.3)	1.6* (0.4, 2.8)	6.3 (4.4, 8.1)	1.8 (1.0, 2.7)	- -
Latino	Inapplicable	20.1 (18.0, 22.2)	17.2 (14.4, 20.0)	23.0 (21.2, 24.8)	26.7 (24.8, 28.7)	23.4 (21.5, 25.3)	29.1 (22.6, 35.7)
	Very well	25.9 (23.8, 28.0)	28.3 (25.5, 31.1)	27.8 (24.3, 31.3)	31.1 (28.8, 33.4)	40.2 (38.1, 42.4)	42.4 (34.4, 50.4)
	Well	16.4 (14.1, 18.6)	18.3 (15.7, 20.8)	14.7 (11.6, 17.9)	14.8 (12.3, 17.2)	21.4 (19.5, 23.2)	15.0 (9.7, 20.4)
	Not well	24.1 (21.5, 26.6)	22.7 (20.0, 25.4)	19.3 (15.7, 23.0)	17.4 (15.4, 19.4)	11.3 (9.9, 12.8)	12.1 (6.8, 17.4)
	Not at all	13.6 (12.0, 15.2)	13.5 (11.0, 16.0)	15.1 (12.3, 17.9)	10.0 (8.2, 11.9)	3.7 (2.8, 4.5)	1.4* (0.3, 2.5)
	Non-Latino White	Inapplicable	88.0 (86.4, 89.7)	86.6 (85.0, 88.3)	88.8 (87.3, 90.3)	88.2 (86.7, 89.7)	89.3 (88.6, 90.1)

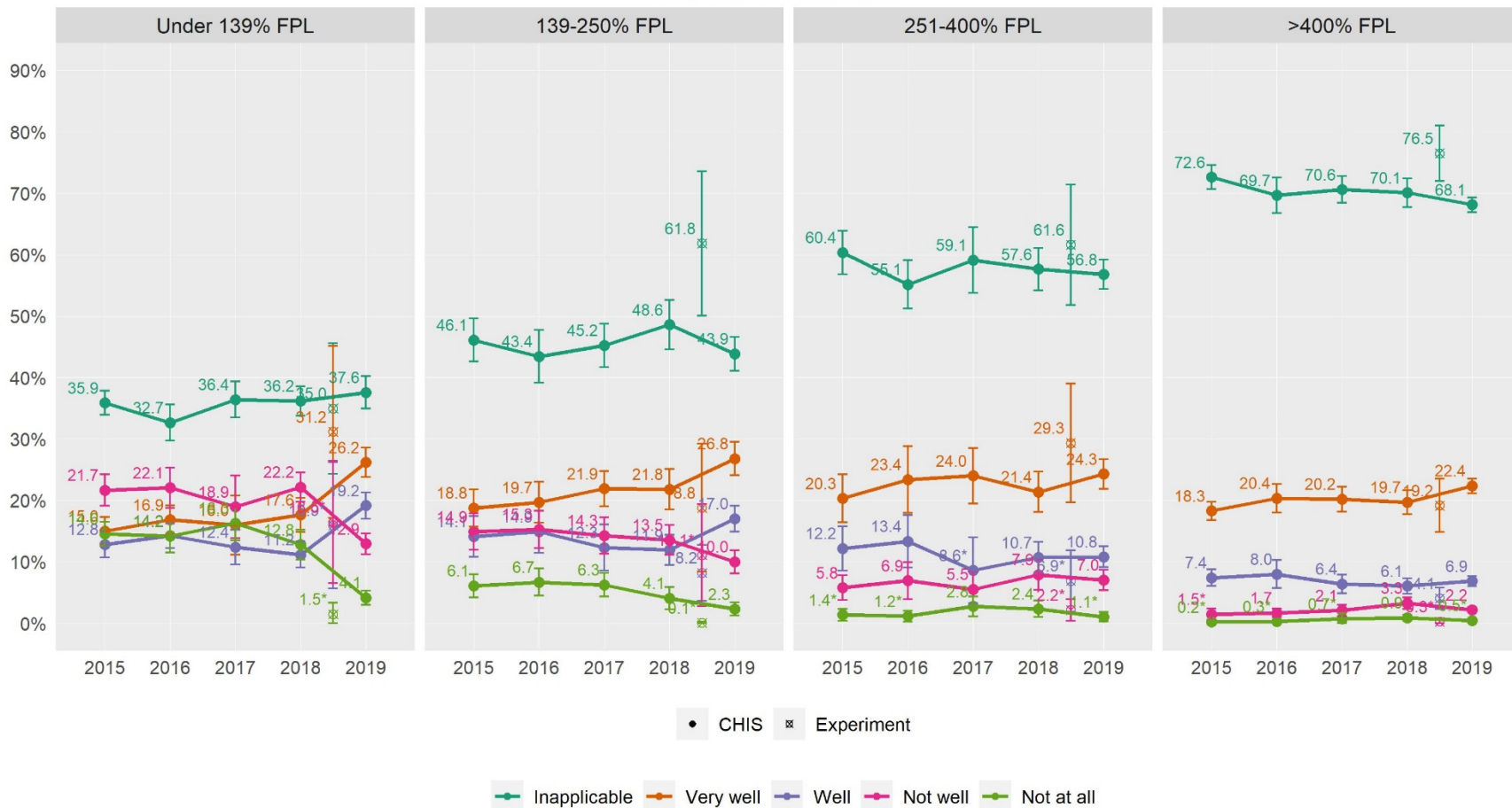
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	Very well	9.1 (7.5, 10.7)	10.1 (8.6, 11.7)	9.0 (7.5, 10.5)	9.2 (7.8, 10.7)	8.7 (8.0, 9.3)	5.2 (3.5, 6.9)
	Well	2.4 (1.5, 3.4)	2.9 (1.9, 3.8)	2.0* (0.3, 3.7)	2.2 (1.4, 3.0)	1.4 (1.1, 1.7)	0.7* (0.0, 1.6)
	Not well	0.4* (0.1, 0.7)	0.3* (0.0, 0.5)	0.2* (0.0, 0.4)	0.3* (0.1, 0.6)	0.6 (0.3, 0.8)	0.6* (0.0, 1.5)
	Not at all	- -	0.1* (0.0, 0.2)	- -	- -	- -	- -
Other	Inapplicable	84.7 (79.3, 90.1)	82.7 (76.7, 88.6)	78.7 (70.2, 87.2)	78.7 (71.1, 86.3)	86.4 (82.5, 90.2)	87.7* (79.3, 96.1)
	Very well	12.0 (6.5, 17.6)	11.7 (7.2, 16.3)	15.5 (8.3, 22.6)	18.9 (11.4, 26.4)	13.0 (9.1, 17.0)	12.3* (3.9, 20.7)
	Well	3.2* (0.6, 5.8)	4.9* (0.9, 8.9)	5.3* (1.5, 9.1)	2.2* (0.0, 4.6)	0.5* (0.0, 1.1)	- -
	Not well	- -	- -	- -	0.2* (0.0, 0.7)	- -	- -
	Not at all	- -	- -	- -	- -	- -	- -

Note. \* = statistically unstable. – = suppressed due to small sample size.

### English proficiency by FPL



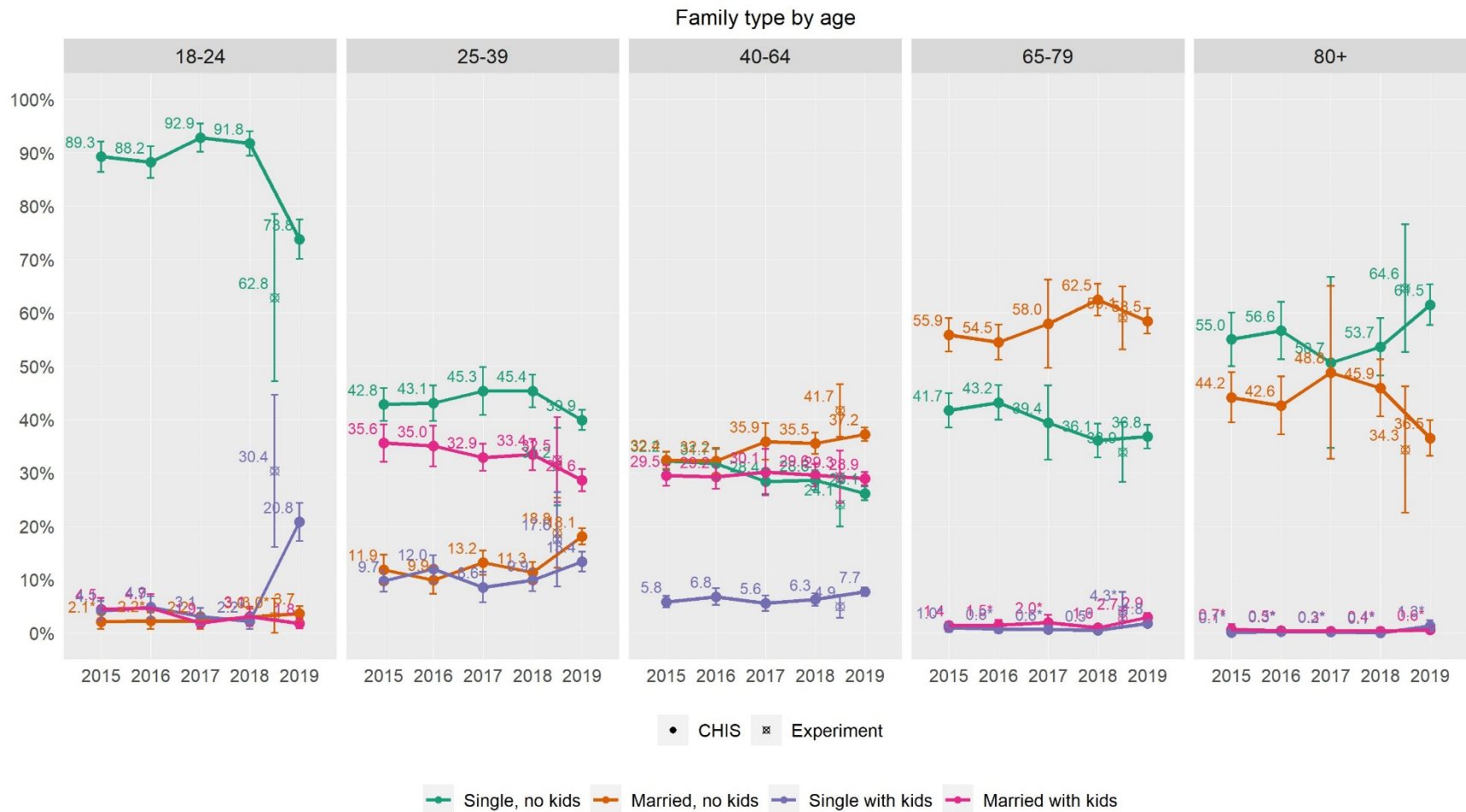
FPL	English proficiency	CHIS 2015	CHIS 2016	CHIS 2017	CHIS 2018	CHIS 2019	Web Experiment
Under 139% FPL	Inapplicable	35.9 (33.9, 37.8)	32.7 (29.8, 35.6)	36.4 (33.5, 39.3)	36.2 (33.8, 38.6)	37.6 (34.9, 40.2)	35.0 (24.3, 45.6)
	Very well	15.0 (12.7, 17.3)	16.9 (14.5, 19.2)	16.0 (11.2, 20.8)	17.6 (14.9, 20.4)	26.2 (23.8, 28.6)	31.2 (17.2, 45.2)
	Well	12.8 (10.7, 15.0)	14.2 (12.3, 16.2)	12.4 (9.6, 15.2)	11.2 (9.1, 13.3)	19.2 (17.0, 21.3)	15.9* (5.7, 26.2)
	Not well	21.7 (19.1, 24.2)	22.1 (18.8, 25.4)	18.9 (13.9, 24.0)	22.2 (19.8, 24.6)	12.9 (11.2, 14.6)	16.5* (6.5, 26.4)
	Not at all	14.6 (12.6, 16.5)	14.2 (11.5, 16.8)	16.3 (13.5, 19.1)	12.8 (10.3, 15.2)	4.1 (3.0, 5.3)	1.5* (0.0, 3.3)
139-250% FPL	Inapplicable	46.1 (42.6, 49.6)	43.4 (39.1, 47.7)	45.2 (41.7, 48.8)	48.6 (44.6, 52.6)	43.9 (41.1, 46.6)	61.8 (50.1, 73.6)
	Very well	18.8 (15.7, 21.8)	19.7 (16.3, 23.0)	21.9 (19.0, 24.8)	21.8 (18.5, 25.1)	26.8 (24.1, 29.5)	18.8 (8.4, 29.3)
	Well	14.1 (10.8, 17.5)	14.9 (11.5, 18.3)	12.3 (8.6, 16.1)	11.9 (9.5, 14.4)	17.0 (14.9, 19.1)	8.2 (3.7, 12.7)
	Not well	14.9 (11.9, 17.9)	15.3 (12.3, 18.3)	14.3 (11.3, 17.2)	13.5 (11.1, 16.0)	10.0 (8.1, 11.9)	11.1* (2.8, 19.4)
	Not at all	6.1 (4.2, 8.0)	6.7 (4.5, 8.9)	6.3 (4.3, 8.2)	4.1 (2.3, 5.9)	2.3 (1.2, 3.4)	- -
251-400% FPL	Inapplicable	60.4 (56.8, 63.9)	55.1 (51.2, 59.1)	59.1 (53.8, 64.5)	57.6 (54.2, 61.1)	56.8 (54.4, 59.2)	61.6 (51.8, 71.4)
	Very well	20.3 (16.4, 24.2)	23.4 (18.0, 28.8)	24.0 (19.5, 28.5)	21.4 (18.1, 24.7)	24.3 (21.9, 26.7)	29.3 (19.7, 39.0)
	Well	12.2 (8.5, 15.8)	13.4 (9.1, 17.6)	8.6* (3.3, 14.0)	10.7 (8.2, 13.2)	10.8 (9.1, 12.5)	6.9* (1.9, 11.9)
	Not well	5.8 (3.8, 7.8)	6.9 (4.0, 9.9)	5.5 (2.6, 8.4)	7.9 (5.4, 10.5)	7.0 (5.4, 8.7)	2.2* (0.4, 3.9)
	Not at all	1.4* (0.4, 2.4)	1.2* (0.3, 2.0)	2.8 (1.1, 4.4)	2.4 (1.0, 3.7)	1.1* (0.3, 1.8)	- -
>400% FPL	Inapplicable	72.6 (70.7, 74.6)	69.7 (66.8, 72.6)	70.6 (68.4, 72.8)	70.1 (67.7, 72.4)	68.1 (66.9, 69.3)	76.5 (72.0, 81.0)

(continued)

Very well	18.3 (16.8, 19.8)	20.4 (18.0, 22.7)	20.2 (18.2, 22.2)	19.7 (17.8, 21.6)	22.4 (21.2, 23.6)	19.2 (14.8, 23.5)
Well	7.4 (6.1, 8.8)	8.0 (5.7, 10.3)	6.4 (4.9, 7.9)	6.1 (4.8, 7.3)	6.9 (6.0, 7.7)	4.1 (2.3, 5.8)
Not well	1.5* (0.6, 2.4)	1.7 (1.0, 2.4)	2.1 (1.2, 3.0)	3.3 (2.4, 4.2)	2.2 (1.7, 2.6)	0.3* (0.0, 0.6)
Not at all	0.2* (0.0, 0.4)	0.3* (0.0, 0.5)	0.7* (0.0, 1.7)	0.9 (0.4, 1.4)	0.5* (0.2, 0.8)	- -

Note. \* = statistically unstable. – = suppressed due to small sample size.

## Family type



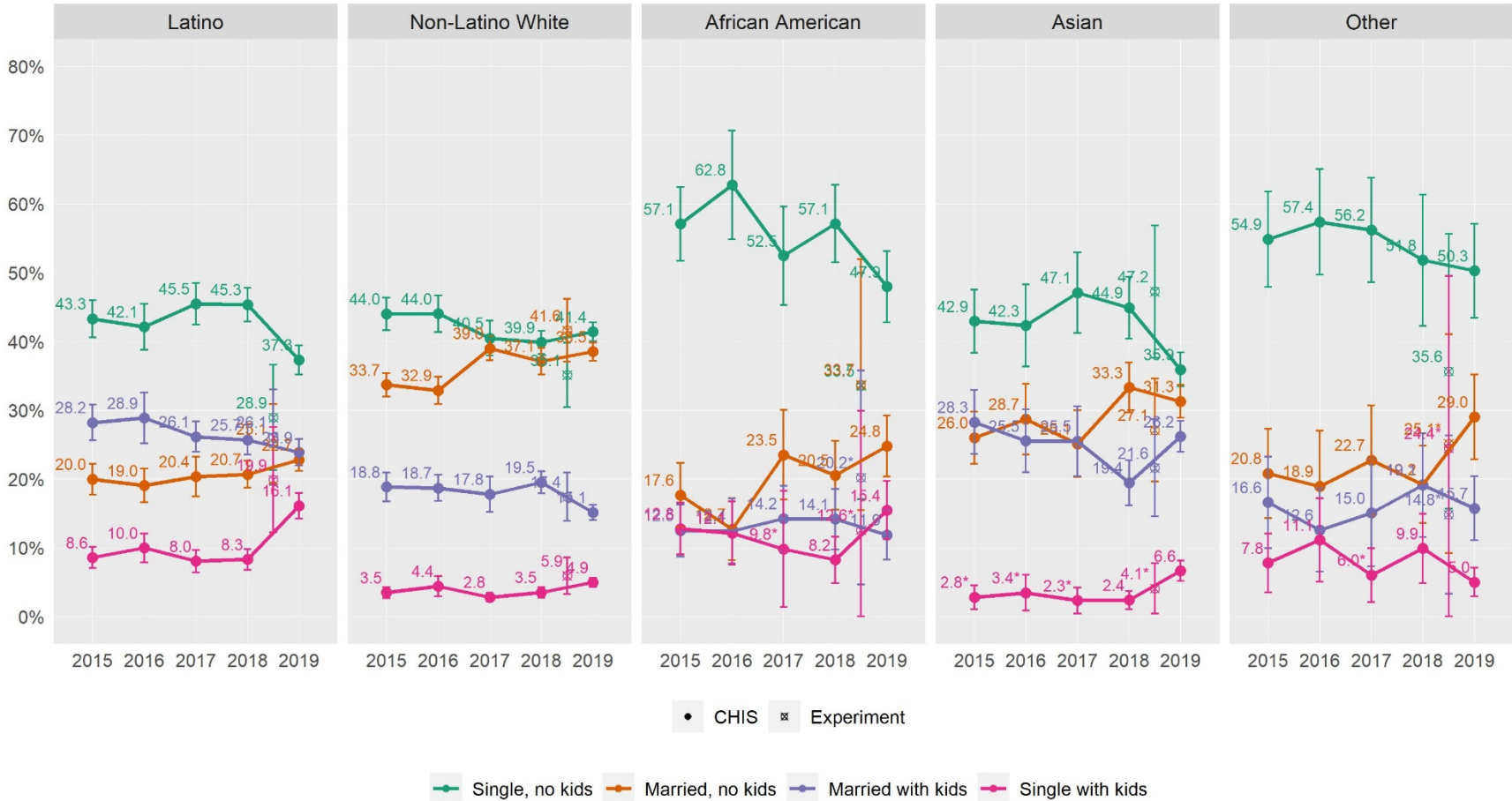
Age	Family type	CHIS 2015	CHIS 2016	CHIS 2017	CHIS 2018	CHIS 2019	Web Experiment
18-24	Married with kids	4.5 (2.4, 6.5)	4.7 (2.1, 7.3)	1.9 (0.9, 2.8)	3.1 (1.3, 4.9)	1.8 (0.8, 2.7)	- -
	Married, no kids	2.1* (0.7, 3.5)	2.2* (0.7, 3.8)	2.2* (0.7, 3.6)	3.0 (1.4, 4.5)	3.7 (2.3, 5.0)	3.0* (0.0, 6.5)
	Single with kids	4.1 (2.3, 6.0)	4.9 (2.8, 6.9)	3.1 (1.4, 4.7)	2.2* (0.8, 3.6)	20.8 (17.2, 24.4)	30.4 (16.1, 44.6)
	Single, no kids	89.3 (86.5, 92.1)	88.2 (85.3, 91.2)	92.9 (90.2, 95.5)	91.8 (89.5, 94.0)	73.8 (70.1, 77.5)	62.8 (47.2, 78.5)
25-39	Married with kids	35.6 (32.1, 39.1)	35.0 (31.2, 38.9)	32.9 (30.4, 35.5)	33.4 (30.5, 36.4)	28.6 (26.6, 30.7)	32.5 (24.5, 40.4)
	Married, no kids	11.9 (9.1, 14.6)	9.9 (7.4, 12.4)	13.2 (10.9, 15.5)	11.3 (9.3, 13.3)	18.1 (16.5, 19.6)	18.8 (12.2, 25.3)
	Single with kids	9.7 (7.7, 11.7)	12.0 (9.4, 14.6)	8.6 (5.7, 11.4)	9.9 (7.8, 11.9)	13.4 (11.5, 15.2)	17.6 (8.7, 26.4)
	Single, no kids	42.8 (39.7, 45.9)	43.1 (39.8, 46.4)	45.3 (40.9, 49.8)	45.4 (42.3, 48.4)	39.9 (38.0, 41.8)	31.2 (23.9, 38.5)
40-64	Married with kids	29.5 (27.6, 31.4)	29.2 (27.0, 31.4)	30.1 (25.8, 34.5)	29.6 (27.4, 31.7)	28.9 (27.7, 30.2)	29.3 (24.4, 34.2)
	Married, no kids	32.4 (30.8, 34.0)	32.2 (29.8, 34.6)	35.9 (32.5, 39.3)	35.5 (33.5, 37.5)	37.2 (35.9, 38.5)	41.7 (36.8, 46.7)
	Single with kids	5.8 (4.7, 6.9)	6.8 (5.2, 8.3)	5.6 (4.1, 7.0)	6.3 (5.1, 7.4)	7.7 (6.9, 8.5)	4.9 (2.8, 7.1)
	Single, no kids	32.2 (30.6, 33.9)	31.7 (29.0, 34.5)	28.4 (26.1, 30.7)	28.6 (26.8, 30.5)	26.1 (24.8, 27.4)	24.1 (19.9, 28.2)
65-79	Married with kids	1.4 (0.6, 2.1)	1.5* (0.6, 2.4)	2.0* (0.5, 3.4)	1.0 (0.5, 1.5)	2.9 (2.2, 3.7)	2.7 (1.2, 4.2)
	Married, no kids	55.9 (52.8, 59.0)	54.5 (51.2, 57.8)	58.0 (49.7, 66.2)	62.5 (59.5, 65.4)	58.5 (56.1, 60.8)	59.1 (53.2, 65.0)
	Single with kids	1.0* (0.2, 1.8)	0.8* (0.0, 1.5)	0.6* (0.0, 1.4)	0.5* (0.1, 0.8)	1.8 (1.2, 2.4)	4.3* (1.0, 7.7)
	Single, no kids	41.7 (38.5, 44.9)	43.2 (40.0, 46.4)	39.4 (32.5, 46.4)	36.1 (32.9, 39.2)	36.8 (34.6, 39.0)	33.9 (28.3, 39.5)

(continued)

80+	Married with kids	0.7* (0.0, 1.7)	0.5* (0.0, 1.0)	0.3* (0.0, 0.9)	0.4* (0.0, 1.0)	0.6* (0.1, 1.2)	- -
	Married, no kids	44.2 (39.5, 48.9)	42.6 (37.2, 48.1)	48.8 (32.6, 65.0)	45.9 (40.6, 51.3)	36.5 (33.2, 39.9)	34.3 (22.5, 46.2)
	Single with kids	0.1* (0.0, 0.4)	0.3* (0.0, 0.5)	0.2* (0.0, 0.5)	0.1* (0.0, 0.2)	1.3* (0.2, 2.4)	- -
	Single, no kids	55.0 (50.0, 60.0)	56.6 (51.3, 62.0)	50.7 (34.6, 66.7)	53.7 (48.3, 59.0)	61.5 (57.7, 65.3)	64.6 (52.7, 76.6)

Note. \* = statistically unstable. – = suppressed due to small sample size.

Family type by race





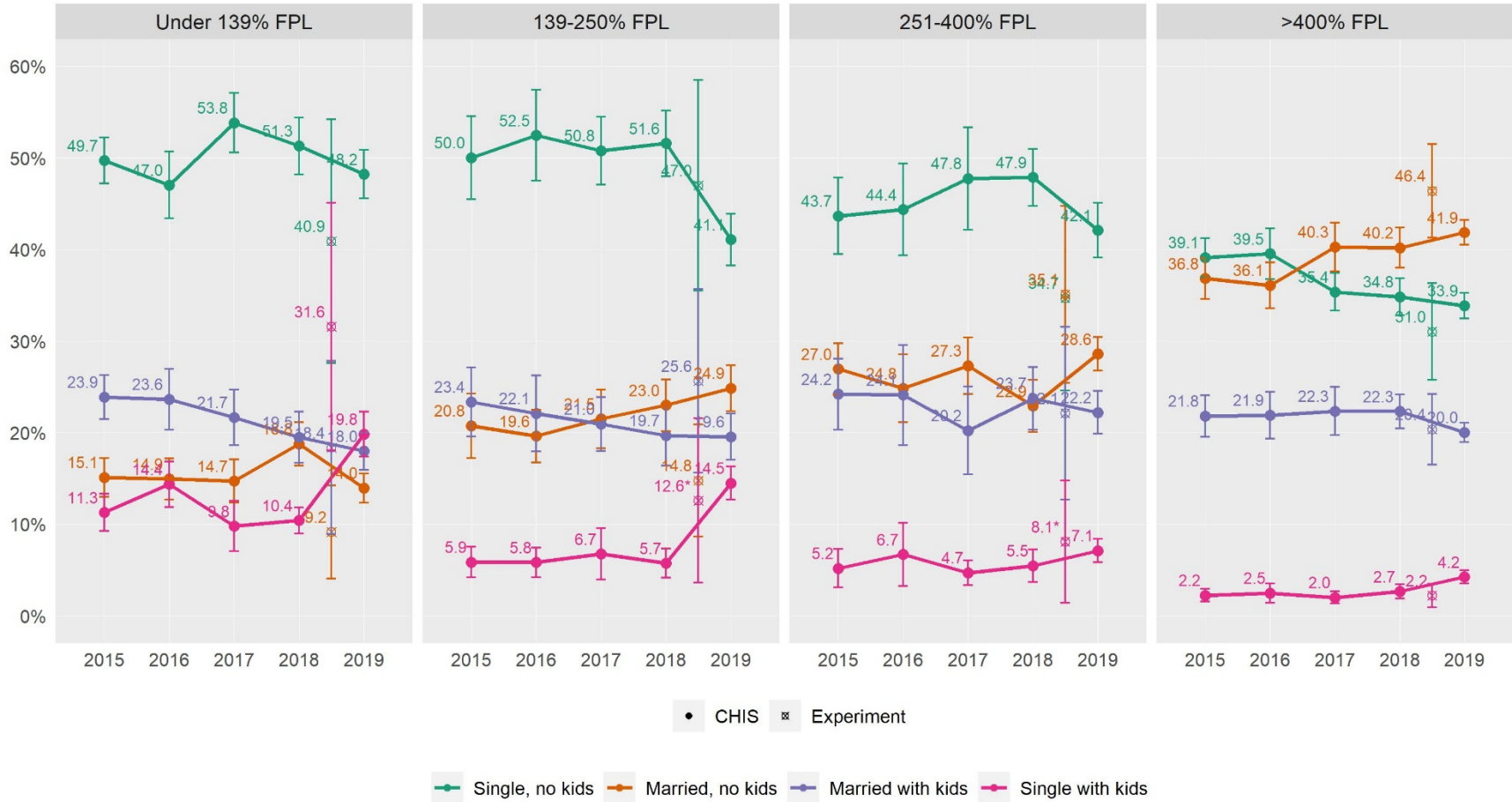
Race/ethnicity	Family type	CHIS 2015	CHIS 2016	CHIS 2017	CHIS 2018	CHIS 2019	Web Experiment
African American	Married with kids	12.5 (8.7, 16.3)	12.4 (7.7, 17.1)	14.2 (9.5, 19.0)	14.1 (9.8, 18.5)	11.9 (8.2, 15.5)	20.2* (4.7, 35.7)
	Married, no kids	17.6 (13.0, 22.3)	12.7 (8.2, 17.2)	23.5 (17.0, 30.0)	20.5 (15.5, 25.5)	24.8 (20.3, 29.2)	33.7 (15.4, 52.0)
	Single with kids	12.8 (9.0, 16.6)	12.1 (7.5, 16.7)	9.8* (1.3, 18.3)	8.2 (4.8, 11.6)	15.4 (11.2, 19.7)	12.6* (0.0, 29.9)
	Single, no kids	57.1 (51.7, 62.5)	62.8 (54.9, 70.7)	52.5 (45.3, 59.6)	57.1 (51.5, 62.7)	47.9 (42.7, 53.2)	33.5 (17.1, 50.0)
Asian	Married with kids	28.3 (23.6, 32.9)	25.5 (21.0, 30.1)	25.5 (20.4, 30.6)	19.4 (16.2, 22.7)	26.2 (23.9, 28.4)	21.6 (14.5, 28.7)
	Married, no kids	26.0 (22.2, 29.8)	28.7 (23.6, 33.9)	25.1 (20.2, 30.0)	33.3 (29.7, 36.9)	31.3 (28.9, 33.7)	27.1 (19.6, 34.6)
	Single with kids	2.8* (1.1, 4.5)	3.4* (0.8, 6.1)	2.3* (0.4, 4.2)	2.4 (1.1, 3.7)	6.6 (5.1, 8.1)	4.1* (0.4, 7.7)
	Single, no kids	42.9 (38.3, 47.5)	42.3 (36.3, 48.3)	47.1 (41.2, 52.9)	44.9 (40.4, 49.4)	35.9 (33.4, 38.4)	47.2 (37.6, 56.9)
Latino	Married with kids	28.2 (25.6, 30.8)	28.9 (25.2, 32.6)	26.1 (23.9, 28.4)	25.7 (23.5, 27.9)	23.9 (21.9, 25.8)	26.1 (19.1, 33.0)
	Married, no kids	20.0 (17.7, 22.2)	19.0 (16.6, 21.5)	20.4 (17.5, 23.2)	20.7 (18.7, 22.7)	22.7 (21.2, 24.3)	25.1 (19.4, 30.9)
	Single with kids	8.6 (7.0, 10.1)	10.0 (7.9, 12.1)	8.0 (6.4, 9.7)	8.3 (6.8, 9.8)	16.1 (14.2, 18.0)	19.9 (12.2, 27.5)
	Single, no kids	43.3 (40.6, 46.0)	42.1 (38.8, 45.5)	45.5 (42.5, 48.5)	45.3 (42.9, 47.8)	37.3 (35.2, 39.4)	28.9 (21.3, 36.6)
Non-Latino White	Married with kids	18.8 (16.8, 20.9)	18.7 (16.8, 20.6)	17.8 (15.2, 20.3)	19.5 (17.9, 21.1)	15.1 (14.1, 16.2)	17.4 (13.9, 20.9)
	Married, no kids	33.7 (32.0, 35.4)	32.9 (30.9, 34.9)	39.0 (37.2, 40.7)	37.1 (35.2, 39.0)	38.5 (37.2, 39.8)	41.6 (37.0, 46.2)
	Single with kids	3.5 (2.6, 4.3)	4.4 (2.9, 5.9)	2.8 (2.1, 3.4)	3.5 (2.7, 4.3)	4.9 (4.3, 5.6)	5.9 (3.2, 8.6)
	Single, no kids	44.0 (41.6, 46.4)	44.0 (41.4, 46.7)	40.5 (37.9, 43.0)	39.9 (38.2, 41.6)	41.4 (40.0, 42.8)	35.1 (30.4, 39.8)

(continued)

Other	Married with kids	16.6 (9.9, 23.2)	12.6 (6.5, 18.7)	15.0 (7.3, 22.8)	19.1 (11.6, 26.7)	15.7 (11.1, 20.4)	14.8* (3.3, 26.3)
	Married, no kids	20.8 (14.3, 27.3)	18.9 (10.8, 27.0)	22.7 (14.8, 30.7)	19.2 (13.6, 24.8)	29.0 (22.8, 35.2)	25.1* (9.2, 41.0)
	Single with kids	7.8 (3.5, 12.0)	11.1 (5.0, 17.2)	6.0* (2.1, 9.9)	9.9 (4.9, 14.9)	5.0 (2.9, 7.1)	24.4* (0.0, 49.5)
	Single, no kids	54.9 (47.9, 61.8)	57.4 (49.7, 65.1)	56.2 (48.6, 63.8)	51.8 (42.2, 61.4)	50.3 (43.4, 57.1)	35.6 (15.6, 55.6)

Note. \* = statistically unstable.

Family type by FPL

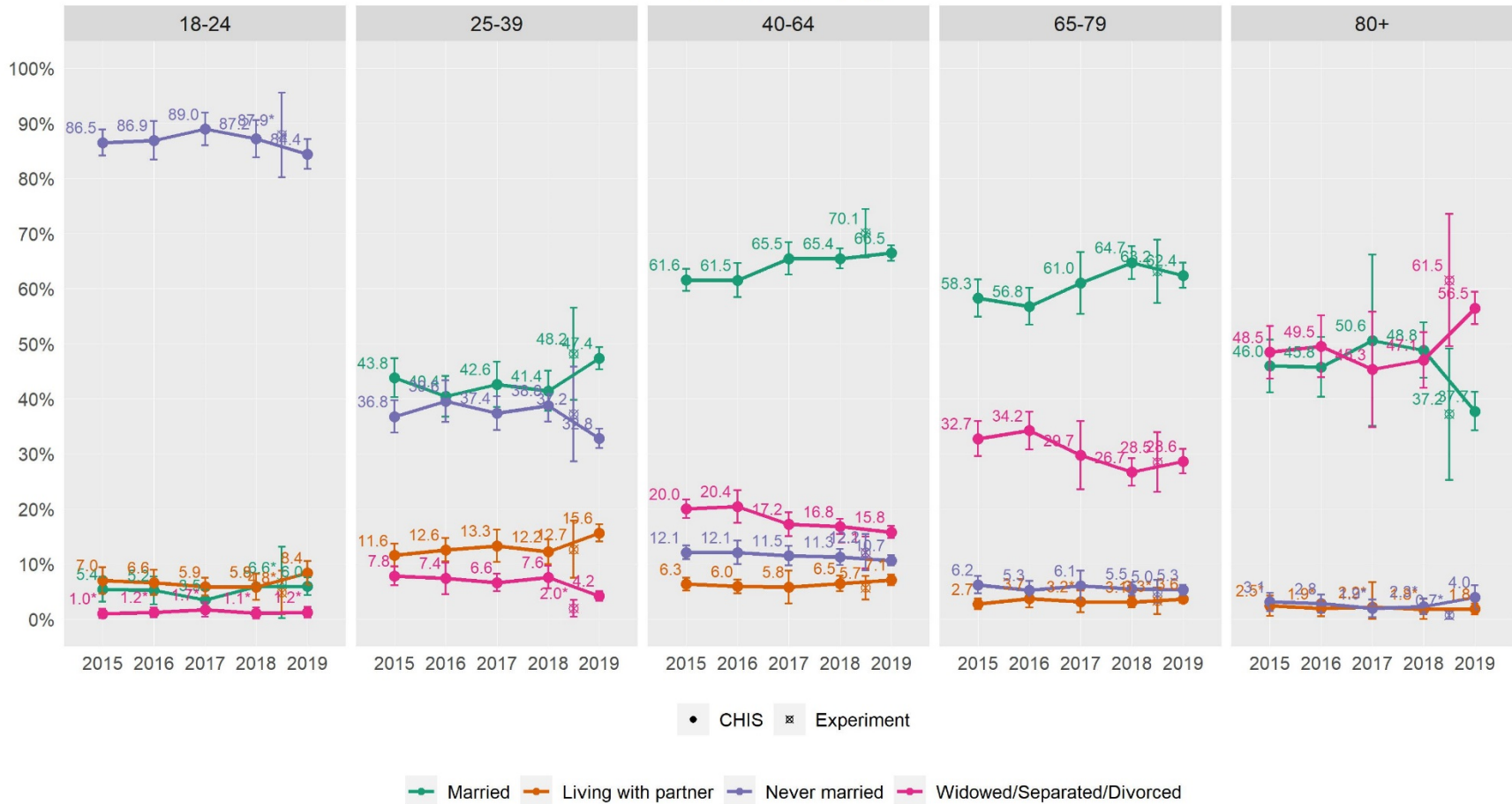


FPL	Family type	CHIS 2015	CHIS 2016	CHIS 2017	CHIS 2018	CHIS 2019	Web Experiment
Under 139% FPL	Married with kids	23.9 (21.5, 26.3)	23.6 (20.3, 27.0)	21.7 (18.6, 24.7)	19.5 (16.7, 22.3)	18.0 (15.9, 20.0)	18.4 (8.9, 27.8)
	Married, no kids	15.1 (13.0, 17.2)	14.9 (12.7, 17.2)	14.7 (12.3, 17.1)	18.8 (16.4, 21.1)	14.0 (12.4, 15.5)	9.2 (4.1, 14.2)
	Single with kids	11.3 (9.3, 13.3)	14.4 (11.9, 16.9)	9.8 (7.0, 12.5)	10.4 (9.0, 11.8)	19.8 (17.4, 22.3)	31.6 (18.0, 45.1)
	Single, no kids	49.7 (47.2, 52.2)	47.0 (43.4, 50.7)	53.8 (50.6, 57.1)	51.3 (48.2, 54.4)	48.2 (45.6, 50.9)	40.9 (27.6, 54.2)
139-250% FPL	Married with kids	23.4 (19.6, 27.1)	22.1 (18.0, 26.2)	21.0 (18.0, 23.9)	19.7 (16.4, 23.0)	19.6 (17.0, 22.1)	25.6 (15.6, 35.7)
	Married, no kids	20.8 (17.2, 24.3)	19.6 (16.7, 22.5)	21.5 (18.3, 24.7)	23.0 (20.2, 25.8)	24.9 (22.4, 27.4)	14.8 (8.6, 20.9)
	Single with kids	5.9 (4.2, 7.5)	5.8 (4.2, 7.4)	6.7 (3.9, 9.5)	5.7 (4.2, 7.3)	14.5 (12.7, 16.3)	12.6* (3.6, 21.5)
	Single, no kids	50.0 (45.5, 54.6)	52.5 (47.5, 57.4)	50.8 (47.1, 54.5)	51.6 (48.0, 55.2)	41.1 (38.3, 43.9)	47.0 (35.5, 58.5)
251-400% FPL	Married with kids	24.2 (20.3, 28.1)	24.1 (18.6, 29.6)	20.2 (15.4, 25.0)	23.7 (20.3, 27.1)	22.2 (19.9, 24.5)	22.1 (12.7, 31.6)
	Married, no kids	27.0 (24.1, 29.8)	24.8 (21.1, 28.6)	27.3 (24.2, 30.4)	22.9 (20.1, 25.8)	28.6 (26.8, 30.4)	35.1 (25.4, 44.7)
	Single with kids	5.2 (3.1, 7.3)	6.7 (3.3, 10.1)	4.7 (3.4, 6.1)	5.5 (3.7, 7.3)	7.1 (5.8, 8.4)	8.1* (1.4, 14.8)
	Single, no kids	43.7 (39.5, 47.8)	44.4 (39.3, 49.4)	47.8 (42.2, 53.3)	47.9 (44.8, 51.0)	42.1 (39.1, 45.1)	34.7 (24.6, 44.8)
>400% FPL	Married with kids	21.8 (19.6, 24.1)	21.9 (19.4, 24.5)	22.3 (19.7, 25.0)	22.3 (20.5, 24.2)	20.0 (19.0, 21.1)	20.4 (16.5, 24.2)
	Married, no kids	36.8 (34.6, 39.1)	36.1 (33.6, 38.6)	40.3 (37.6, 42.9)	40.2 (38.0, 42.4)	41.9 (40.5, 43.2)	46.4 (41.3, 51.5)
	Single with kids	2.2 (1.5, 2.9)	2.5 (1.4, 3.5)	2.0 (1.4, 2.7)	2.7 (1.9, 3.4)	4.2 (3.5, 5.0)	2.2 (0.9, 3.5)
	Single, no kids	39.1 (37.0, 41.2)	39.5 (36.8, 42.3)	35.4 (33.3, 37.4)	34.8 (32.8, 36.8)	33.9 (32.5, 35.3)	31.0 (25.8, 36.3)

Note. \* = statistically unstable.

Marital status

Marital status by age



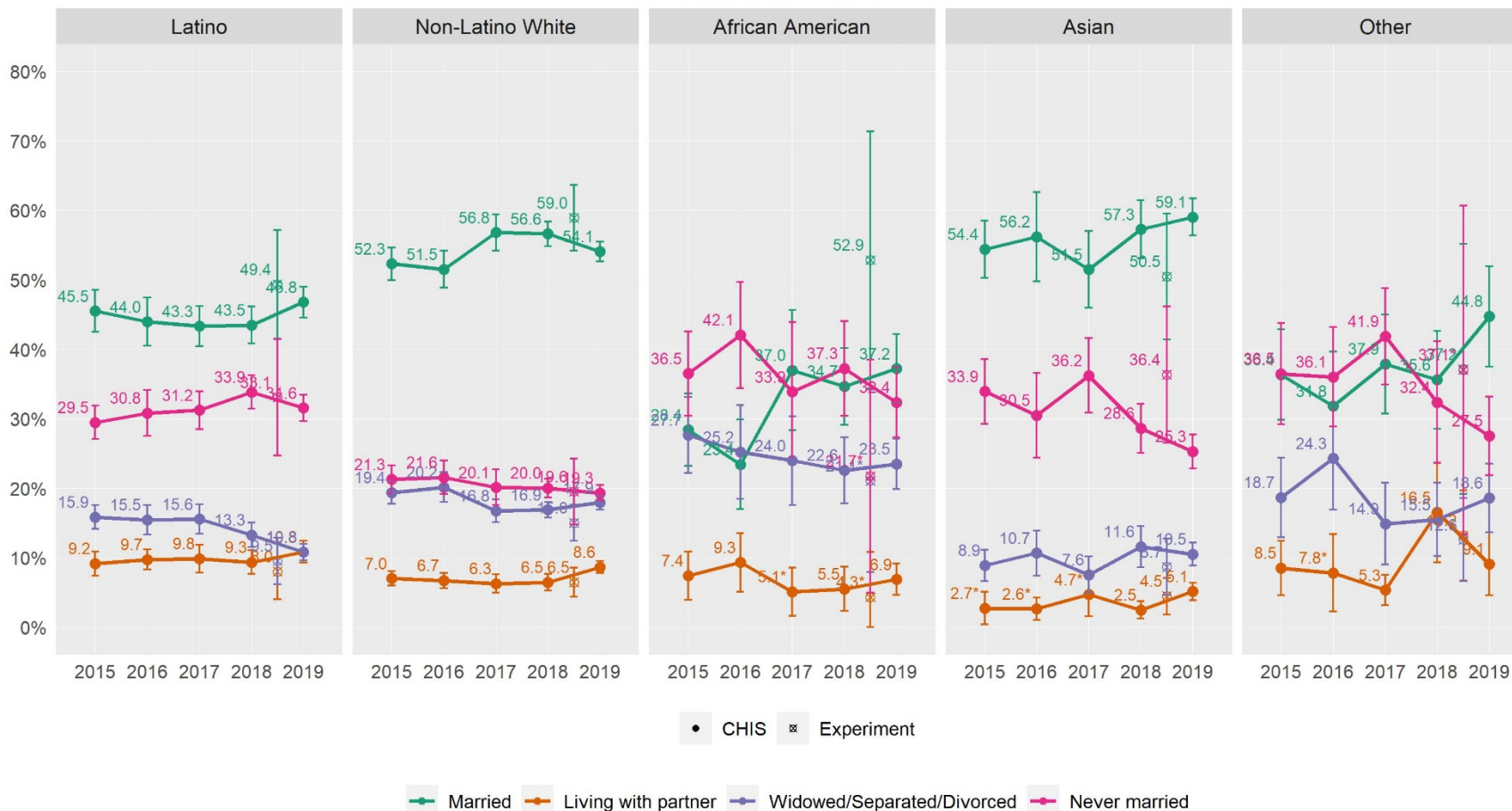
Age	Marital status	CHIS 2015	CHIS 2016	CHIS 2017	CHIS 2018	CHIS 2019	Web Experiment
18-24	Living with partner	7.0 (4.6, 9.5)	6.6 (4.4, 8.9)	5.9 (4.3, 7.5)	5.8 (3.5, 8.2)	8.4 (6.2, 10.6)	4.8* (0.9, 8.8)
	Married	5.4 (3.2, 7.7)	5.2 (2.7, 7.8)	3.5 (1.6, 5.3)	5.9 (3.5, 8.3)	6.0 (4.3, 7.6)	6.6* (0.1, 13.1)
	Never married	86.5 (84.1, 88.9)	86.9 (83.4, 90.4)	89 (86.0, 91.9)	87.2 (83.9, 90.6)	84.4 (81.8, 87.1)	87.9* (80.2, 95.6)
	Widowed/Separated/Divorced	1.0* (0.2, 1.9)	1.2* (0.3, 2.1)	1.7* (0.4, 3.0)	1.1* (0.1, 2.1)	1.2* (0.3, 2.2)	- -
25-39	Living with partner	11.6 (9.5, 13.7)	12.6 (10.5, 14.7)	13.3 (10.4, 16.3)	12.2 (10.0, 14.5)	15.6 (14.1, 17.2)	12.7 (7.5, 17.8)
	Married	43.8 (40.3, 47.3)	40.4 (36.7, 44.2)	42.6 (38.5, 46.7)	41.4 (37.8, 45.1)	47.4 (45.3, 49.4)	48.2 (39.8, 56.5)
	Never married	36.8 (33.8, 39.7)	39.6 (35.8, 43.4)	37.4 (34.4, 40.5)	38.8 (35.9, 41.6)	32.8 (31.0, 34.6)	37.2 (28.6, 45.8)
	Widowed/Separated/Divorced	7.8 (6.1, 9.6)	7.4 (4.6, 10.3)	6.6 (5.1, 8.2)	7.6 (5.6, 9.6)	4.2 (3.3, 5.1)	2.0* (0.4, 3.5)
40-64	Living with partner	6.3 (5.2, 7.5)	6.0 (4.7, 7.2)	5.8 (2.8, 8.8)	6.5 (5.1, 7.9)	7.1 (6.1, 8.1)	5.7 (3.6, 7.8)
	Married	61.6 (59.6, 63.6)	61.5 (58.4, 64.6)	65.5 (62.5, 68.4)	65.4 (63.6, 67.3)	66.5 (65.1, 67.9)	70.1 (65.7, 74.5)
	Never married	12.1 (10.8, 13.3)	12.1 (10.0, 14.2)	11.5 (9.8, 13.3)	11.3 (9.8, 12.7)	10.7 (9.7, 11.6)	12.2 (8.9, 15.5)
	Widowed/Separated/Divorced	20.0 (18.3, 21.7)	20.4 (17.5, 23.4)	17.2 (15.0, 19.4)	16.8 (15.4, 18.2)	15.8 (14.7, 16.9)	12.1 (9.2, 14.9)
65-79	Living with partner	2.7 (1.8, 3.7)	3.7 (2.1, 5.3)	3.2* (1.2, 5.1)	3.1 (2.1, 4.0)	3.6 (2.9, 4.3)	3.3* (0.9, 5.7)
	Married	58.3 (54.9, 61.6)	56.8 (53.4, 60.1)	61.0 (55.4, 66.6)	64.7 (61.8, 67.7)	62.4 (60.1, 64.7)	63.2 (57.4, 68.9)
	Never married	6.2 (4.7, 7.8)	5.3 (3.6, 7.0)	6.1 (3.3, 8.8)	5.5 (4.3, 6.7)	5.3 (4.4, 6.2)	5.0 (3.0, 7.1)
	Widowed/Separated/Divorced	32.7 (29.6, 35.9)	34.2 (30.8, 37.7)	29.7 (23.5, 35.9)	26.7 (24.2, 29.2)	28.6 (26.4, 30.9)	28.5 (23.1, 33.9)

(continued)

80+	Living with partner	2.5*	1.9*	2.2*	1.8*	1.8	-
		(0.6, 4.3)	(0.5, 3.3)	(0.0, 6.7)	(0.0, 3.6)	(0.8, 2.9)	-
	Married	46.0	45.8	50.6	48.8	37.7	37.2
		(41.2, 50.8)	(40.3, 51.2)	(35.0, 66.2)	(43.8, 53.8)	(34.2, 41.2)	(25.3, 49.2)
	Never married	3.1	2.8	1.9*	2.3*	4.0	0.7*
		(1.5, 4.8)	(1.2, 4.4)	(0.3, 3.5)	(0.9, 3.7)	(1.8, 6.2)	(0.0, 1.4)
	Widowed/Separated/Divorced	48.5	49.5	45.3	47.1	56.5	61.5
		(43.6, 53.3)	(43.9, 55.1)	(34.8, 55.8)	(42.0, 52.1)	(53.5, 59.4)	(49.5, 73.5)

Note. \* = statistically unstable. – = suppressed due to small sample size.

### Marital status by race





Race/ethnicity	Marital status	CHIS 2015	CHIS 2016	CHIS 2017	CHIS 2018	CHIS 2019	Web Experiment
African American	Living with partner	7.4 (4.0, 10.9)	9.3 (5.1, 13.5)	5.1* (1.7, 8.6)	5.5 (2.3, 8.7)	6.9 (4.6, 9.1)	4.3* (0.0, 10.8)
	Married	28.4 (23.2, 33.6)	23.4 (17.0, 29.9)	37.0 (28.4, 45.7)	34.7 (29.1, 40.2)	37.2 (32.3, 42.2)	52.9 (34.4, 71.4)
	Never married	36.5 (30.4, 42.6)	42.1 (34.4, 49.7)	33.9 (23.9, 43.9)	37.3 (30.4, 44.1)	32.4 (27.3, 37.4)	21.7* (5.0, 38.5)
	Widowed/Separated/ Divorced	27.7 (22.2, 33.1)	25.2 (18.4, 32.0)	24.0 (17.6, 30.4)	22.6 (17.8, 27.3)	23.5 (19.9, 27.1)	21.1* (8.0, 34.2)
Asian	Living with partner	2.7* (0.4, 5.1)	2.6* (1.0, 4.3)	4.7* (1.5, 7.9)	2.5 (1.2, 3.7)	5.1 (3.9, 6.4)	4.5 (1.8, 7.1)
	Married	54.4 (50.3, 58.5)	56.2 (49.8, 62.6)	51.5 (46.0, 57.0)	57.3 (53.1, 61.5)	59.1 (56.4, 61.7)	50.5 (41.4, 59.6)
	Never married	33.9 (29.3, 38.6)	30.5 (24.4, 36.6)	36.2 (30.9, 41.6)	28.6 (25.1, 32.2)	25.3 (22.8, 27.7)	36.4 (26.6, 46.2)
	Widowed/Separated/ Divorced	8.9 (6.6, 11.2)	10.7 (7.4, 13.9)	7.6 (5.0, 10.1)	11.6 (8.7, 14.5)	10.5 (8.9, 12.1)	8.7 (4.6, 12.7)
Latino	Living with partner	9.2 (7.4, 10.9)	9.7 (8.3, 11.2)	9.8 (7.8, 11.9)	9.3 (7.6, 11.1)	10.8 (9.3, 12.4)	8.0 (4.0, 12.0)
	Married	45.5 (42.5, 48.5)	44.0 (40.5, 47.5)	43.3 (40.4, 46.2)	43.5 (40.8, 46.2)	46.8 (44.6, 49.0)	49.4 (41.6, 57.2)
	Never married	29.5 (27.1, 31.9)	30.8 (27.5, 34.1)	31.2 (28.5, 34.0)	33.9 (31.4, 36.3)	31.6 (29.7, 33.5)	33.1 (24.7, 41.5)
	Widowed/Separated/ Divorced	15.9 (14.1, 17.6)	15.5 (13.3, 17.6)	15.6 (13.4, 17.7)	13.3 (11.5, 15.1)	10.8 (9.6, 12.0)	9.5 (6.2, 12.9)
Non-Latino White	Living with partner	7.0 (6.0, 8.1)	6.7 (5.6, 7.8)	6.3 (5.0, 7.6)	6.5 (5.3, 7.7)	8.6 (7.8, 9.5)	6.5 (4.4, 8.6)
	Married	52.3 (50.0, 54.7)	51.5 (48.9, 54.2)	56.8 (54.2, 59.4)	56.6 (54.9, 58.4)	54.1 (52.7, 55.5)	59.0 (54.2, 63.7)
	Never married	21.3 (19.3, 23.3)	21.6 (19.2, 24.0)	20.1 (17.6, 22.7)	20.0 (18.7, 21.4)	19.3 (18.2, 20.4)	19.6 (14.8, 24.3)
	Widowed/Separated/ Divorced	19.4 (17.7, 21.0)	20.2 (18.0, 22.3)	16.8 (15.1, 18.4)	16.9 (15.8, 18.0)	17.9 (16.9, 18.9)	15.0 (12.4, 17.6)

(continued)

Other	Living with partner	8.5 (4.6, 12.4)	7.8* (2.2, 13.4)	5.3 (3.2, 7.5)	16.5 (9.4, 23.7)	9.1 (4.6, 13.6)	13.2 (6.7, 19.7)
	Married	36.4 (29.8, 42.9)	31.8 (24.0, 39.7)	37.9 (30.7, 45.0)	35.6 (28.6, 42.7)	44.8 (37.5, 52.0)	37.2 (19.1, 55.2)
	Never married	36.5 (29.2, 43.8)	36.1 (28.9, 43.2)	41.9 (35.0, 48.8)	32.4 (23.6, 41.1)	27.5 (21.9, 33.2)	37.1* (13.4, 60.7)
	Widowed/Separated/ Divorced	18.7 (12.9, 24.4)	24.3 (16.9, 31.7)	14.9 (9.0, 20.8)	15.5 (10.2, 20.8)	18.6 (13.7, 23.6)	12.6 (6.6, 18.6)

Note. \* = statistically unstable.

### Marital status by FPL

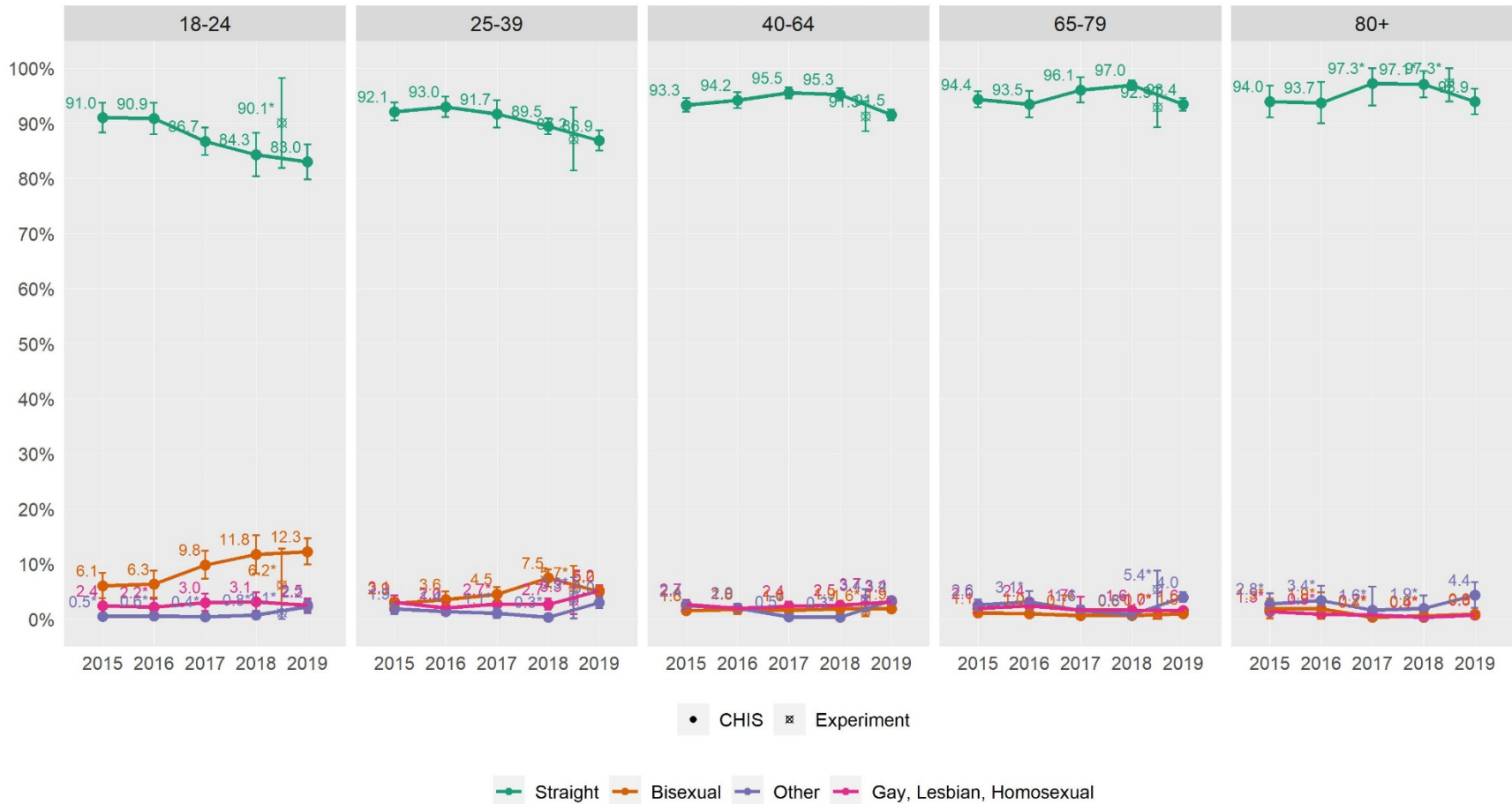


FPL	Marital status	CHIS 2015	CHIS 2016	CHIS 2017	CHIS 2018	CHIS 2019	Web Experiment
Under 139% FPL	Living with partner	10.0 (8.0, 12.1)	10.5 (8.4, 12.5)	9.4 (7.5, 11.2)	8.3 (6.6, 10.1)	11.1 (9.2, 13.1)	6.0* (0.0, 12.2)
	Married	35.2 (32.2, 38.3)	34.7 (31.8, 37.7)	33.3 (30.0, 36.5)	36.3 (33.1, 39.5)	32.4 (30.3, 34.6)	26.4 (16.1, 36.7)
	Never married	31.9 (29.6, 34.2)	32.5 (28.8, 36.1)	35.9 (32.4, 39.4)	33.2 (30.1, 36.3)	35.9 (33.3, 38.6)	45.9 (32.6, 59.2)
	Widowed/Separated/ Divorced	22.8 (20.0, 25.7)	22.3 (19.5, 25.1)	21.4 (18.8, 24.1)	22.1 (19.8, 24.5)	20.5 (18.6, 22.4)	21.7 (13.2, 30.2)
139-250% FPL	Living with partner	7.1 (5.2, 9.0)	6.9 (4.8, 9.0)	6.9 (5.1, 8.8)	7.0 (4.9, 9.1)	7.9 (6.3, 9.5)	9.8* (2.8, 16.9)
	Married	42.9 (38.6, 47.1)	40.5 (35.6, 45.4)	40.9 (37.4, 44.4)	42.1 (38.7, 45.5)	44.8 (41.7, 47.9)	41.0 (30.1, 52.0)
	Never married	29.6 (25.2, 34.1)	31.1 (27.1, 35.1)	32.9 (28.1, 37.6)	32.5 (29.3, 35.8)	28.4 (25.2, 31.6)	32.7 (20.6, 44.8)
	Widowed/Separated/ Divorced	20.4 (18.0, 22.8)	21.6 (17.5, 25.6)	19.3 (15.1, 23.4)	18.3 (15.9, 20.8)	19.0 (17.0, 20.9)	16.5 (10.7, 22.3)
251-400% FPL	Living with partner	6.1 (4.3, 7.8)	6.6 (4.0, 9.1)	7.0 (4.8, 9.3)	7.5 (5.7, 9.4)	8.3 (6.8, 9.8)	3.1* (0.2, 6.0)
	Married	51.2 (47.0, 55.5)	48.8 (43.9, 53.8)	46.9 (43.3, 50.5)	46.1 (42.9, 49.2)	51.2 (48.6, 53.8)	56.9 (46.5, 67.2)
	Never married	27.0 (24.1, 30.0)	26.6 (21.6, 31.6)	29.2 (24.7, 33.6)	30.8 (27.4, 34.2)	26.2 (23.8, 28.5)	29.7 (19.2, 40.3)
	Widowed/Separated/ Divorced	15.7 (13.0, 18.4)	18.0 (13.3, 22.7)	16.9 (14.5, 19.2)	15.6 (13.4, 17.9)	14.4 (12.8, 15.9)	10.3 (6.4, 14.2)
>400% FPL	Living with partner	5.8 (4.6, 7.0)	5.9 (4.5, 7.4)	6.3 (4.8, 7.7)	6.4 (5.0, 7.8)	8.2 (7.4, 9.0)	9.0 (5.6, 12.4)
	Married	58.9 (56.8, 61.1)	58.1 (55.4, 60.8)	62.8 (60.8, 64.9)	63.1 (61.1, 65.0)	62.6 (61.1, 64.0)	66.0 (60.8, 71.3)
	Never married	23.1 (21.0, 25.1)	23.5 (21.0, 26.1)	21.0 (19.3, 22.7)	21.0 (19.5, 22.5)	19.4 (18.2, 20.6)	15.7 (10.9, 20.5)
	Widowed/Separated/ Divorced	12.2 (10.8, 13.6)	12.5 (10.8, 14.2)	9.9 (8.7, 11.2)	9.5 (8.3, 10.7)	9.8 (9.2, 10.5)	9.3 (7.0, 11.5)

Note. \* = statistically unstable.

Sexual orientation

Sexual orientation by age



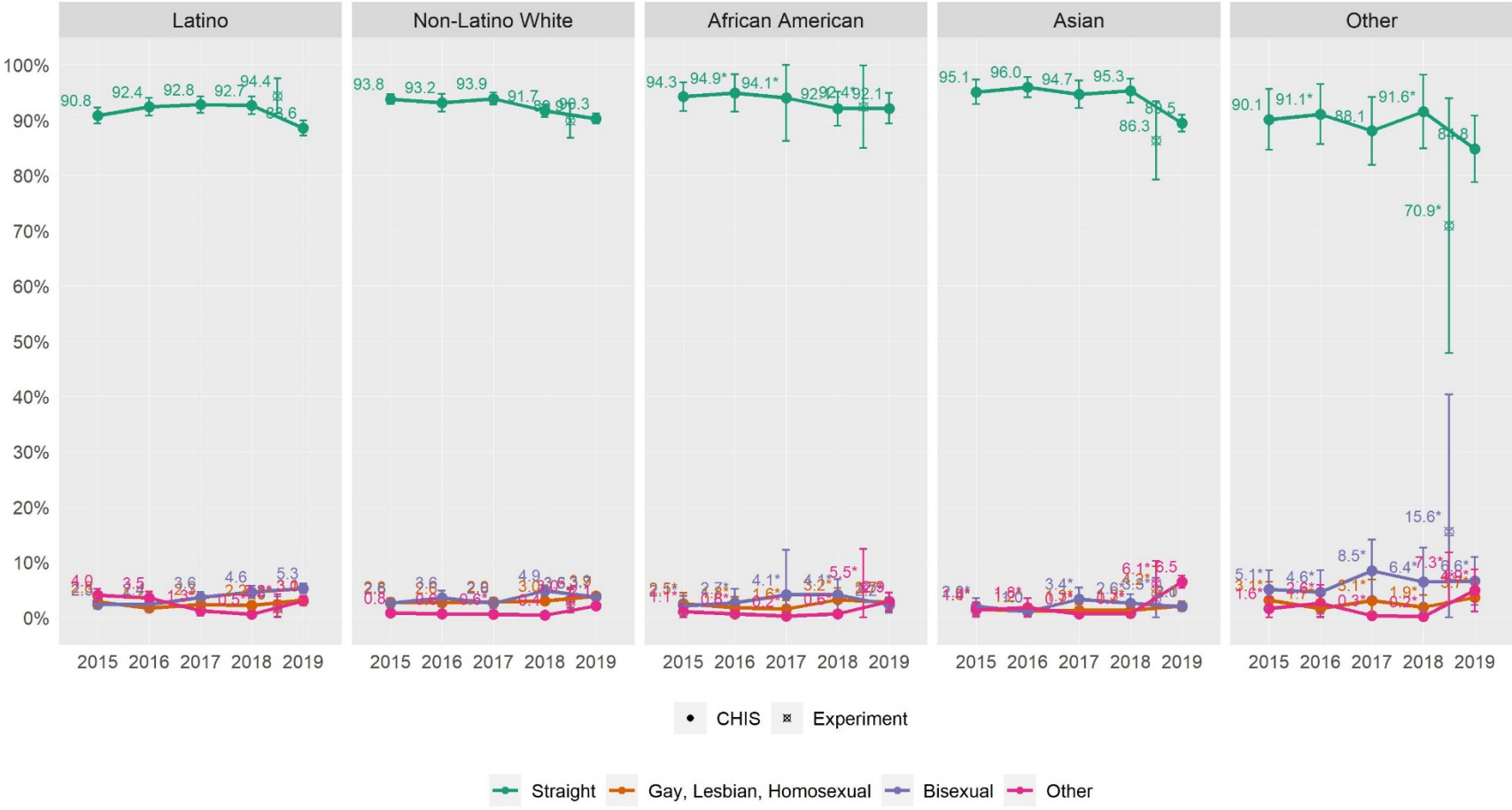
Age	Sexual orientation	CHIS 2015	CHIS 2016	CHIS 2017	CHIS 2018	CHIS 2019	Web Experiment
18-24	Straight	91.0 (88.4, 93.7)	90.9 (88.0, 93.8)	86.7 (84.3, 89.2)	84.3 (80.4, 88.3)	83.0 (79.8, 86.2)	90.1* (81.9, 98.3)
	Gay, Lesbian, Homosexual	2.4 (1.0, 3.8)	2.2* (0.7, 3.6)	3.0 (1.4, 4.6)	3.1 (1.5, 4.8)	2.5 (1.2, 3.7)	- -
	Bisexual	6.1 (3.8, 8.4)	6.3 (3.9, 8.8)	9.8 (7.3, 12.4)	11.8 (8.3, 15.2)	12.3 (9.9, 14.7)	6.2* (0.0, 12.8)
	Other	0.5* (0.0, 1.0)	0.6* (0.0, 1.3)	0.4* (0.0, 0.9)	0.8* (0.0, 1.5)	2.2 (1.1, 3.4)	1.1* (0.0, 2.7)
25-39	Straight	92.1 (90.5, 93.8)	93.0 (91.1, 94.9)	91.7 (89.2, 94.2)	89.5 (88.1, 90.9)	86.9 (85.0, 88.7)	87.2 (81.4, 92.9)
	Gay, Lesbian, Homosexual	3.1 (1.9, 4.3)	2.0 (1.0, 3.0)	2.7* (1.0, 4.4)	2.7 (1.7, 3.8)	5.2 (4.2, 6.1)	3.3* (0.9, 5.7)
	Bisexual	2.9 (1.9, 3.8)	3.6 (2.2, 5.0)	4.5 (3.2, 5.8)	7.5 (5.9, 9.1)	5.0 (4.0, 6.0)	5.7* (1.7, 9.7)
	Other	1.9 (0.9, 2.9)	1.4 (0.7, 2.1)	1.1* (0.2, 1.9)	0.3* (0.0, 0.8)	3.0 (2.0, 4.0)	3.9* (0.1, 7.6)
40-64	Straight	93.3 (92.1, 94.6)	94.2 (92.8, 95.7)	95.5 (94.5, 96.6)	95.3 (94.2, 96.4)	91.5 (90.5, 92.6)	91.3 (88.6, 94.0)
	Gay, Lesbian, Homosexual	2.7 (1.9, 3.5)	2.0 (1.3, 2.6)	2.4 (1.6, 3.1)	2.5 (1.9, 3.2)	3.2 (2.7, 3.7)	3.7 (2.0, 5.4)
	Bisexual	1.6 (1.0, 2.1)	1.8 (0.9, 2.7)	1.6 (1.0, 2.2)	1.9 (1.2, 2.6)	1.9 (1.5, 2.3)	1.6* (0.5, 2.6)
	Other	2.4 (1.5, 3.3)	2.0 (1.3, 2.8)	0.5* (0.1, 0.8)	0.3* (0.1, 0.5)	3.4 (2.8, 4.1)	3.4 (1.5, 5.4)
65-79	Straight	94.4 (92.9, 95.8)	93.5 (91.0, 95.9)	96.1 (93.8, 98.4)	97.0 (96.1, 97.8)	93.4 (92.3, 94.6)	92.9 (89.3, 96.5)
	Gay, Lesbian, Homosexual	2.0 (1.1, 2.9)	2.4 (1.3, 3.6)	1.7* (0.0, 4.0)	1.6 (1.0, 2.2)	1.6 (1.2, 2.0)	1.0* (0.0, 2.0)
	Bisexual	1.1 (0.5, 1.7)	1.0 (0.5, 1.5)	0.7* (0.0, 1.3)	0.6* (0.2, 1.1)	1.0 (0.6, 1.3)	0.7* (0.1, 1.4)
	Other	2.6 (1.6, 3.6)	3.1* (1.2, 5.1)	1.6 (0.7, 2.5)	0.8* (0.3, 1.3)	4.0 (3.0, 4.9)	5.4* (1.9, 8.8)

(continued)

80+	Straight	94.0 (91.1, 96.9)	93.7 (90.0, 97.5)	97.3* (93.3, 100.0)	97.1* (94.7, 99.5)	93.9 (91.6, 96.3)	97.3* (94.0, 100.0)
	Gay, Lesbian, Homosexual	1.3* (0.2, 2.5)	0.9* (0.0, 2.1)	0.7* (0.0, 1.5)	0.4* (0.0, 0.7)	0.8 (0.4, 1.2)	-
	Bisexual	1.9* (0.1, 3.7)	1.9* (0.0, 4.8)	0.4* (0.0, 0.8)	0.6* (0.0, 1.2)	0.9 (0.4, 1.5)	-
	Other	2.8* (0.8, 4.7)	3.4* (0.8, 6.0)	1.6* (0.0, 5.9)	1.9* (0.0, 4.2)	4.4 (2.1, 6.7)	-

Note. \* = statistically unstable. – = suppressed due to small sample size.

Sexual orientation by race





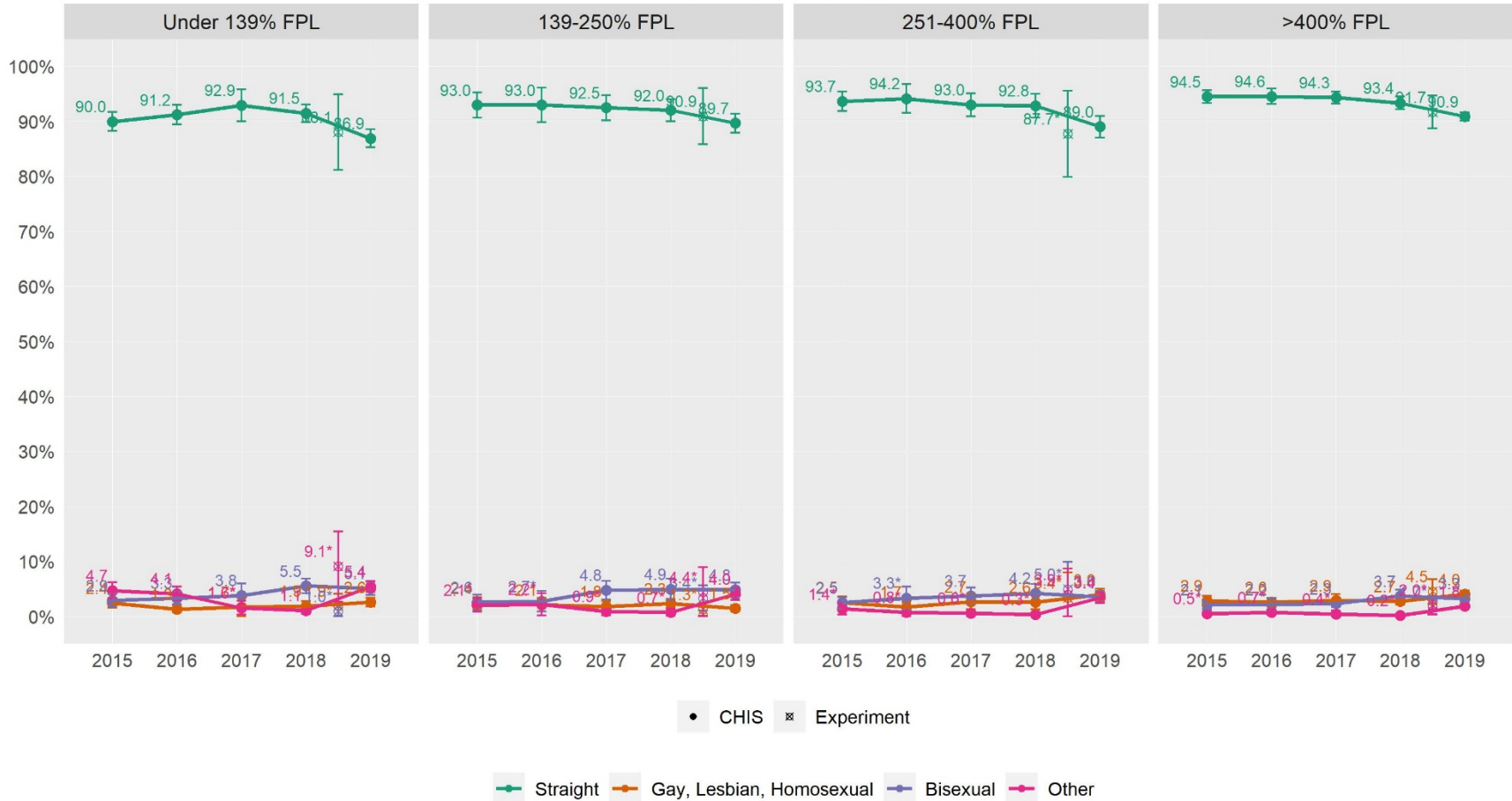
Race/ethnicity	Sexual orientation	CHIS 2015	CHIS 2016	CHIS 2017	CHIS 2018	CHIS 2019	Web Experiment
African American	Straight	94.3 (91.7, 96.8)	94.9* (91.5, 98.3)	94.1* (86.2, 100.0)	92.1 (89.0, 95.2)	92.1 (89.4, 94.9)	92.4* (85.0, 99.9)
	Gay, Lesbian, Homosexual	2.5* (0.6, 4.4)	1.8* (0.0, 3.7)	1.6* (0.1, 3.1)	3.2* (1.1, 5.3)	2.7* (1.0, 4.5)	- -
	Bisexual	2.1* (0.4, 3.9)	2.7* (0.2, 5.1)	4.1* (0.0, 12.3)	4.1* (1.3, 6.9)	2.2* (0.8, 3.6)	- -
	Other	1.1* (0.0, 2.4)	0.6* (0.1, 1.2)	0.2* (0.0, 0.6)	0.6* (0.0, 1.3)	2.9 (1.2, 4.5)	5.5* (0.0, 12.4)
Asian	Straight	95.1 (92.9, 97.3)	96.0 (94.1, 97.8)	94.7 (92.2, 97.2)	95.3 (93.2, 97.5)	89.5 (88.0, 91.0)	86.3 (79.2, 93.4)
	Gay, Lesbian, Homosexual	1.5* (0.3, 2.8)	1.2* (0.3, 2.0)	1.3* (0.1, 2.5)	1.3* (0.4, 2.2)	2.1 (1.3, 2.9)	4.2* (0.0, 9.3)
	Bisexual	2.0* (0.5, 3.5)	1.0 (0.4, 1.7)	3.4* (1.3, 5.4)	2.6* (1.0, 4.2)	2.0 (1.1, 2.8)	3.3* (0.0, 7.1)
	Other	1.4* (0.1, 2.7)	1.8* (0.1, 3.5)	0.7* (0.1, 1.3)	0.7* (0.0, 1.5)	6.5 (5.3, 7.6)	6.1* (2.1, 10.2)
Latino	Straight	90.8 (89.4, 92.3)	92.4 (90.8, 94.0)	92.8 (91.3, 94.3)	92.7 (91.1, 94.2)	88.6 (87.2, 90.0)	94.4 (91.2, 97.5)
	Gay, Lesbian, Homosexual	2.8 (1.9, 3.8)	1.7 (1.0, 2.4)	2.3 (1.6, 3.1)	2.2 (1.4, 2.9)	3.1 (2.4, 3.9)	1.6* (0.1, 3.1)
	Bisexual	2.3 (1.6, 3.1)	2.4 (1.3, 3.4)	3.6 (2.6, 4.6)	4.6 (3.5, 5.7)	5.3 (4.4, 6.2)	1.8* (0.0, 3.8)
	Other	4.0 (2.8, 5.2)	3.5 (2.4, 4.6)	1.3* (0.4, 2.1)	0.5* (0.2, 0.9)	3.0 (2.2, 3.9)	2.2* (0.1, 4.2)
Non-Latino White	Straight	93.8 (93.0, 94.7)	93.2 (91.6, 94.8)	93.9 (92.9, 95.0)	91.7 (90.6, 92.8)	90.3 (89.3, 91.2)	89.9 (86.8, 93.0)
	Gay, Lesbian, Homosexual	2.8 (2.0, 3.5)	2.6 (2.0, 3.3)	2.9 (2.2, 3.6)	3.0 (2.3, 3.6)	3.9 (3.2, 4.6)	3.5 (1.9, 5.1)
	Bisexual	2.6 (1.8, 3.3)	3.6 (2.3, 4.8)	2.6 (1.7, 3.5)	4.9 (4.0, 5.8)	3.7 (3.1, 4.3)	3.6 (1.7, 5.4)
	Other	0.8 (0.3, 1.3)	0.6 (0.3, 1.0)	0.6* (0.0, 1.2)	0.4 (0.2, 0.7)	2.1 (1.8, 2.5)	3.0* (0.9, 5.2)

(continued)

Other	Straight	90.1 (84.7, 95.6)	91.1* (85.7, 96.6)	88.1 (81.9, 94.2)	91.6* (84.9, 98.2)	84.8 (78.8, 90.8)	70.9* (47.8, 94.0)
	Gay, Lesbian, Homosexual	3.1* (0.0, 6.4)	1.7* (0.1, 3.3)	3.1* (0.0, 6.9)	1.9* (0.0, 4.0)	3.7* (1.1, 6.3)	- -
	Bisexual	5.1* (1.7, 8.5)	4.6* (0.7, 8.6)	8.5* (2.9, 14.1)	6.4* (0.3, 12.6)	6.6* (2.3, 10.9)	15.6* (0.0, 40.4)
	Other	1.6* (0.0, 3.6)	2.6* (0.0, 5.9)	0.3* (0.0, 0.7)	0.2* (0.0, 0.4)	4.9* (1.1, 8.7)	7.3* (2.9, 11.7)

Note. \* = statistically unstable. – = suppressed due to small sample size.

### Sexual orientation by FPL



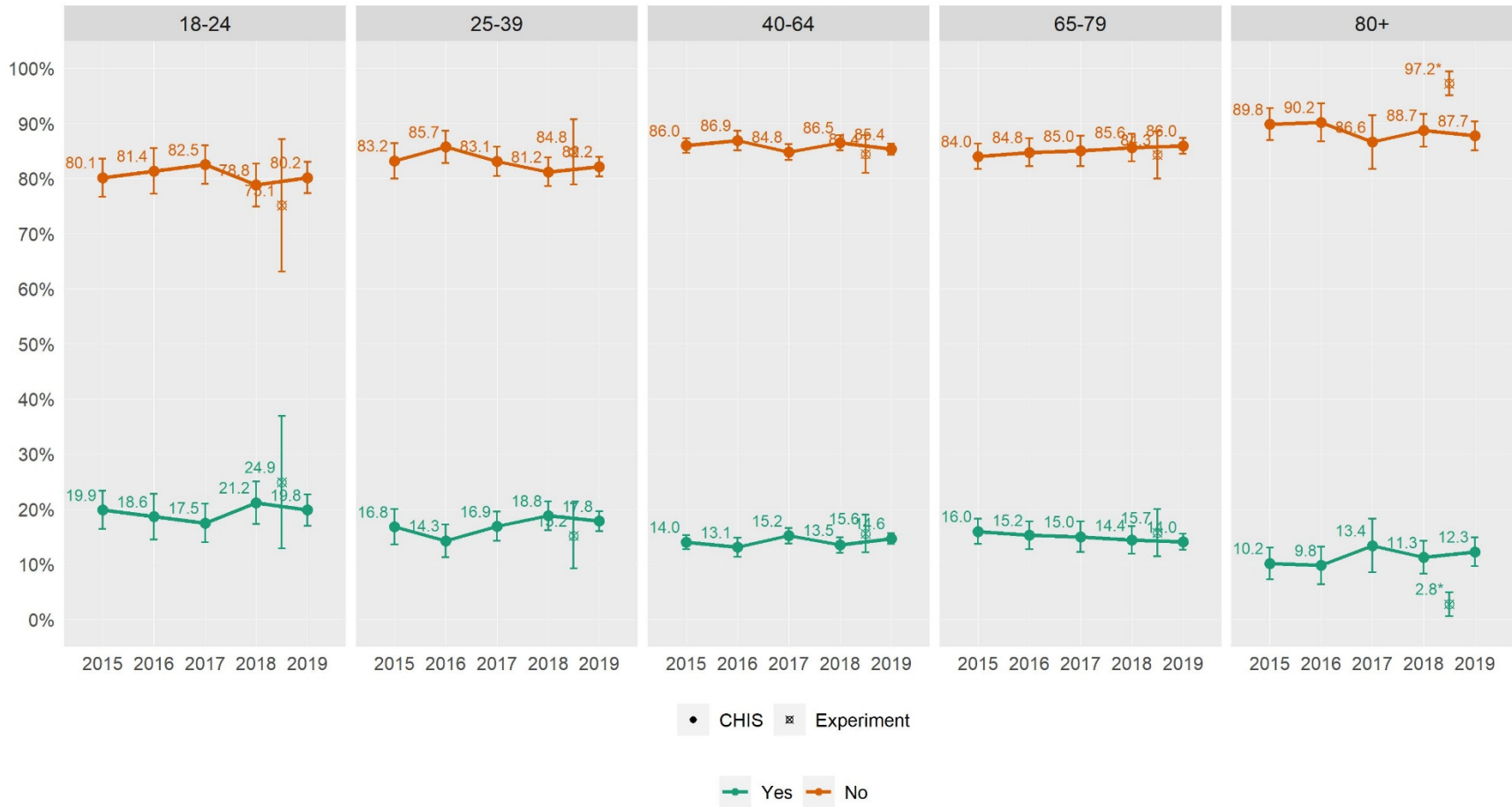
FPL	Sexual orientation	CHIS 2015	CHIS 2016	CHIS 2017	CHIS 2018	CHIS 2019	Web Experiment
Under 139% FPL	Straight	90.0 (88.3, 91.7)	91.2 (89.4, 93.0)	92.9 (90.0, 95.8)	91.5 (89.9, 93.1)	86.9 (85.3, 88.5)	88.1 (81.2, 94.9)
	Gay, Lesbian, Homosexual	2.4 (1.5, 3.3)	1.3 (0.7, 1.9)	1.7* (0.0, 3.5)	1.9 (1.0, 2.7)	2.6 (1.8, 3.4)	1.9* (0.0, 4.2)
	Bisexual	2.9 (1.7, 4.1)	3.3 (2.2, 4.5)	3.8 (1.7, 6.0)	5.5 (4.2, 6.9)	5.1 (3.9, 6.3)	1.0* (0.0, 2.0)
	Other	4.7 (3.2, 6.2)	4.1 (2.9, 5.4)	1.6* (0.3, 2.8)	1.1 (0.5, 1.7)	5.4 (4.4, 6.4)	9.1* (2.7, 15.5)
139-250% FPL	Straight	93.0 (90.7, 95.3)	93.0 (89.8, 96.1)	92.5 (90.2, 94.8)	92.0 (90.0, 94.0)	89.7 (87.9, 91.4)	90.9 (85.8, 96.1)
	Gay, Lesbian, Homosexual	2.4 (1.4, 3.5)	2.1 (0.9, 3.3)	1.8 (0.9, 2.7)	2.3 (1.5, 3.1)	1.5 (0.9, 2.0)	1.3* (0.1, 2.5)
	Bisexual	2.6 (1.1, 4.0)	2.7* (0.9, 4.6)	4.8 (3.1, 6.4)	4.9 (3.0, 6.8)	4.8 (3.5, 6.2)	3.4* (1.1, 5.6)
	Other	2.1* (0.8, 3.3)	2.2* (0.2, 4.2)	0.9* (0.1, 1.7)	0.7* (0.1, 1.4)	4.0 (3.0, 5.1)	4.4* (0.0, 8.9)
251-400% FPL	Straight	93.7 (91.9, 95.4)	94.2 (91.6, 96.8)	93.0 (90.9, 95.1)	92.8 (90.6, 95.0)	89.0 (87.1, 91.0)	87.7* (79.9, 95.6)
	Gay, Lesbian, Homosexual	2.5 (1.4, 3.6)	1.7 (0.9, 2.6)	2.7 (1.3, 4.0)	2.6 (1.3, 3.8)	3.9 (2.9, 5.0)	3.4* (0.0, 7.9)
	Bisexual	2.5 (1.5, 3.5)	3.3* (1.3, 5.4)	3.7 (2.3, 5.2)	4.2 (2.6, 5.9)	3.6 (2.6, 4.6)	5.0* (0.0, 9.9)
	Other	1.4* (0.3, 2.4)	0.8* (0.0, 1.5)	0.6* (0.0, 1.2)	0.3* (0.0, 0.7)	3.4 (2.5, 4.4)	3.9* (0.0, 8.7)
>400% FPL	Straight	94.5 (93.3, 95.7)	94.6 (93.2, 96.0)	94.3 (93.3, 95.4)	93.4 (92.2, 94.5)	90.9 (90.1, 91.7)	91.7 (88.7, 94.7)
	Gay, Lesbian, Homosexual	2.9 (2.0, 3.7)	2.6 (1.8, 3.3)	2.9 (1.7, 4.0)	2.7 (2.1, 3.4)	4.0 (3.4, 4.6)	4.5 (2.3, 6.8)
	Bisexual	2.1 (1.3, 2.9)	2.2 (1.1, 3.2)	2.3 (1.7, 3.0)	3.7 (2.6, 4.8)	3.3 (2.7, 3.8)	1.7* (0.4, 3.0)
	Other	0.5* (0.2, 0.8)	0.7* (0.2, 1.2)	0.4* (0.0, 1.1)	0.2* (0.0, 0.3)	1.8 (1.4, 2.2)	2.0* (0.4, 3.7)

Note. \* = statistically unstable.

# Health conditions

## Asthma

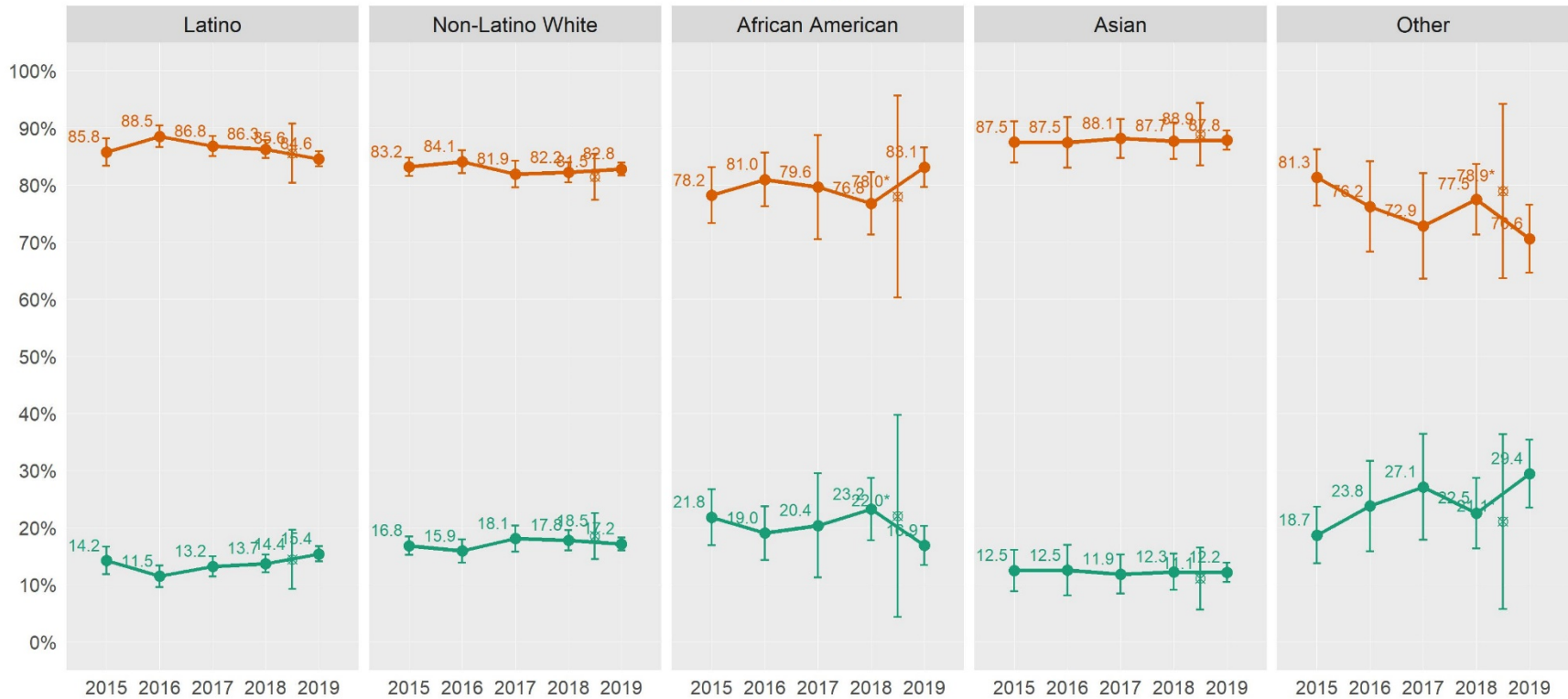
Asthma by age



Age	Asthma	CHIS 2015	CHIS 2016	CHIS 2017	CHIS 2018	CHIS 2019	Web Experiment
18-24	No	80.1 (76.7, 83.6)	81.4 (77.2, 85.5)	82.5 (79.0, 86.0)	78.8 (75.0, 82.7)	80.2 (77.3, 83.0)	75.1 (63.1, 87.2)
	Yes	19.9 (16.4, 23.3)	18.6 (14.5, 22.8)	17.5 (14.0, 21.0)	21.2 (17.3, 25.0)	19.8 (17.0, 22.7)	24.9 (12.8, 36.9)
25-39	No	83.2 (80.0, 86.4)	85.7 (82.8, 88.7)	83.1 (80.5, 85.8)	81.2 (78.6, 83.8)	82.2 (80.3, 84.0)	84.8 (78.9, 90.7)
	Yes	16.8 (13.6, 20.0)	14.3 (11.3, 17.2)	16.9 (14.2, 19.5)	18.8 (16.2, 21.4)	17.8 (16.0, 19.7)	15.2 (9.3, 21.1)
40-64	No	86.0 (84.7, 87.3)	86.9 (85.2, 88.7)	84.8 (83.4, 86.2)	86.5 (85.1, 87.9)	85.4 (84.4, 86.3)	84.4 (81.0, 87.8)
	Yes	14.0 (12.7, 15.3)	13.1 (11.3, 14.8)	15.2 (13.8, 16.6)	13.5 (12.1, 14.9)	14.6 (13.7, 15.6)	15.6 (12.2, 19.0)
65-79	No	84.0 (81.7, 86.3)	84.8 (82.2, 87.3)	85.0 (82.3, 87.8)	85.6 (83.1, 88.1)	86.0 (84.5, 87.4)	84.3 (80.0, 88.6)
	Yes	16.0 (13.7, 18.3)	15.2 (12.7, 17.8)	15.0 (12.2, 17.7)	14.4 (11.9, 16.9)	14.0 (12.6, 15.5)	15.7 (11.4, 20.0)
80+	No	89.8 (87.0, 92.7)	90.2 (86.8, 93.7)	86.6 (81.7, 91.5)	88.7 (85.8, 91.7)	87.7 (85.1, 90.4)	97.2* (95.1, 99.4)
	Yes	10.2 (7.3, 13.0)	9.8 (6.3, 13.2)	13.4 (8.5, 18.3)	11.3 (8.3, 14.2)	12.3 (9.6, 14.9)	2.8* (0.6, 4.9)

Note. \* = statistically unstable.

### Asthma by race



• CHIS    ⊗ Experiment

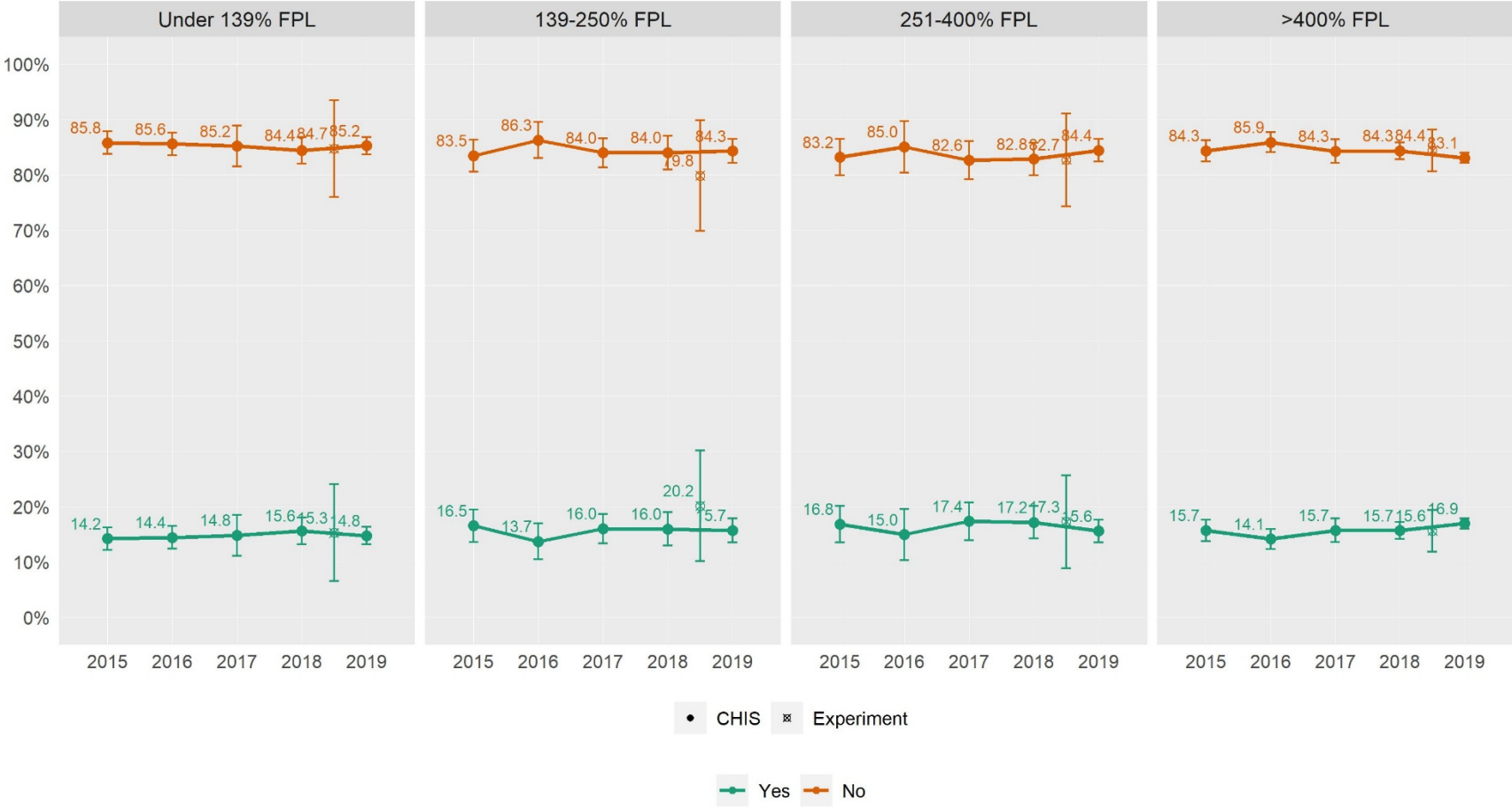
— Yes    — No

Race/ethnicity	Asthma	CHIS 2015	CHIS 2016	CHIS 2017	CHIS 2018	CHIS 2019	Web Experiment
African American	No	78.2 (73.3, 83.1)	81.0 (76.2, 85.7)	79.6 (70.5, 88.8)	76.8 (71.3, 82.2)	83.1 (79.7, 86.6)	78.0* (60.3, 95.7)
	Yes	21.8 (16.9, 26.7)	19.0 (14.3, 23.8)	20.4 (11.2, 29.5)	23.2 (17.8, 28.7)	16.9 (13.4, 20.3)	22.0* (4.3, 39.7)
Asian	No	87.5 (83.9, 91.1)	87.5 (83.1, 91.8)	88.1 (84.7, 91.5)	87.7 (84.5, 90.9)	87.8 (86.2, 89.5)	88.9 (83.5, 94.4)
	Yes	12.5 (8.9, 16.1)	12.5 (8.2, 16.9)	11.9 (8.5, 15.3)	12.3 (9.1, 15.5)	12.2 (10.5, 13.8)	11.1 (5.6, 16.5)
Latino	No	85.8 (83.4, 88.2)	88.5 (86.6, 90.4)	86.8 (85.0, 88.5)	86.3 (84.7, 87.8)	84.6 (83.3, 85.9)	85.6 (80.4, 90.7)
	Yes	14.2 (11.8, 16.6)	11.5 (9.6, 13.4)	13.2 (11.5, 15.0)	13.7 (12.2, 15.3)	15.4 (14.1, 16.7)	14.4 (9.3, 19.6)
Non-Latino White	No	83.2 (81.6, 84.8)	84.1 (82.0, 86.1)	81.9 (79.6, 84.2)	82.2 (80.5, 84.0)	82.8 (81.7, 84.0)	81.5 (77.4, 85.5)
	Yes	16.8 (15.2, 18.4)	15.9 (13.9, 18.0)	18.1 (15.8, 20.4)	17.8 (16.0, 19.5)	17.2 (16.0, 18.3)	18.5 (14.5, 22.6)
Other	No	81.3 (76.4, 86.3)	76.2 (68.3, 84.1)	72.9 (63.6, 82.1)	77.5 (71.3, 83.7)	70.6 (64.6, 76.5)	78.9* (63.6, 94.2)
	Yes	18.7 (13.7, 23.6)	23.8 (15.9, 31.7)	27.1 (17.9, 36.4)	22.5 (16.3, 28.7)	29.4 (23.5, 35.4)	21.1* (5.8, 36.4)

Note. \* = statistically unstable.



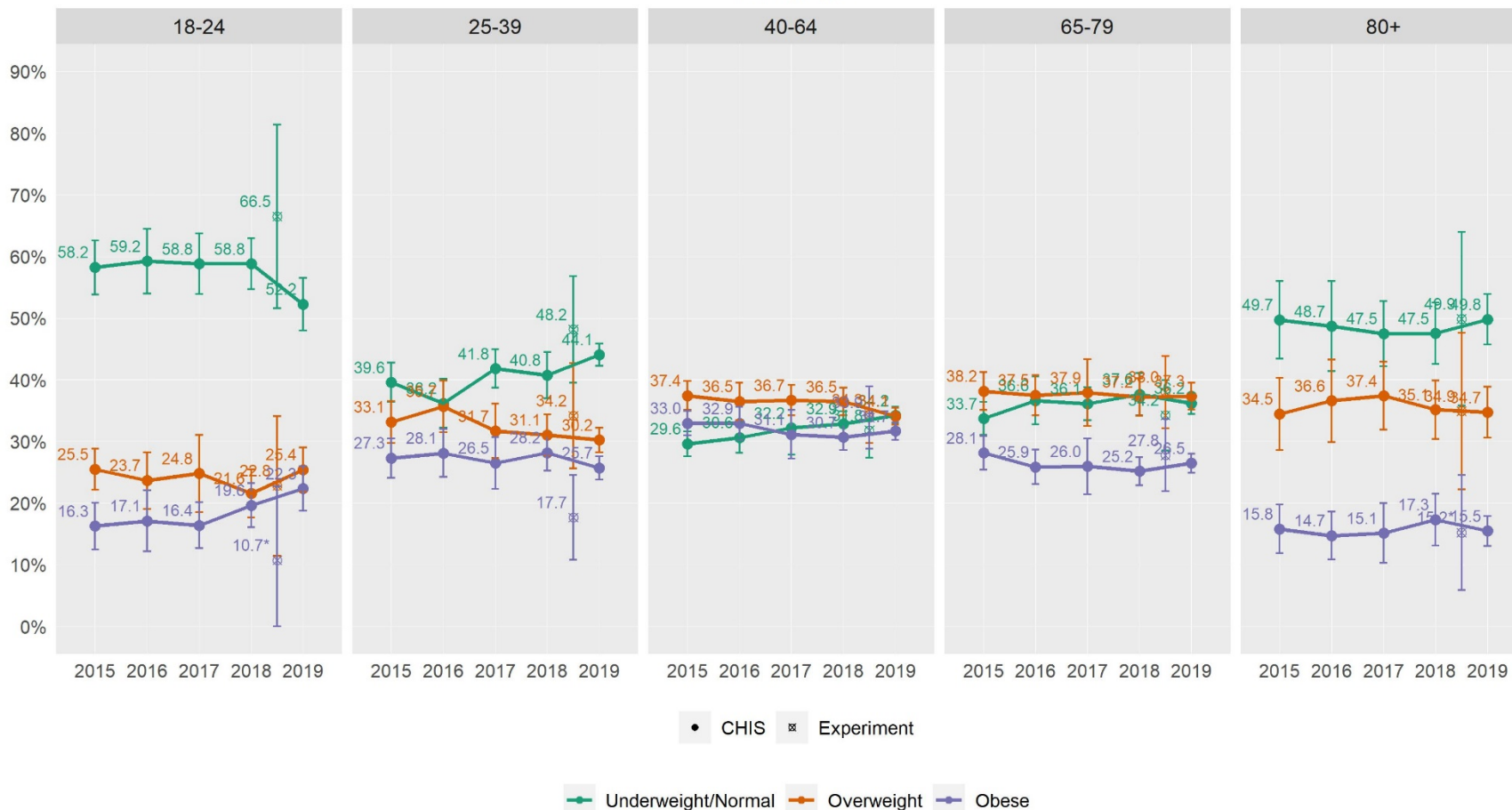
### Asthma by FPL



FPL	Asthma	CHIS 2015	CHIS 2016	CHIS 2017	CHIS 2018	CHIS 2019	Web Experiment
Under 139% FPL	No	85.8 (83.7, 87.8)	85.6 (83.5, 87.6)	85.2 (81.5, 88.9)	84.4 (82.0, 86.8)	85.2 (83.7, 86.8)	84.7 (76.0, 93.5)
	Yes	14.2 (12.2, 16.3)	14.4 (12.4, 16.5)	14.8 (11.1, 18.5)	15.6 (13.2, 18.0)	14.8 (13.2, 16.3)	15.3 (6.5, 24.0)
139-250% FPL	No	83.5 (80.5, 86.4)	86.3 (83.0, 89.5)	84.0 (81.3, 86.6)	84.0 (81.0, 87.1)	84.3 (82.1, 86.5)	79.8 (69.8, 89.9)
	Yes	16.5 (13.6, 19.5)	13.7 (10.5, 17.0)	16.0 (13.4, 18.7)	16.0 (12.9, 19.0)	15.7 (13.5, 17.9)	20.2 (10.1, 30.2)
251-400% FPL	No	83.2 (79.9, 86.5)	85.0 (80.4, 89.7)	82.6 (79.2, 86.1)	82.8 (79.9, 85.8)	84.4 (82.4, 86.5)	82.7 (74.3, 91.1)
	Yes	16.8 (13.5, 20.1)	15.0 (10.3, 19.6)	17.4 (13.9, 20.8)	17.2 (14.2, 20.1)	15.6 (13.5, 17.6)	17.3 (8.9, 25.7)
>400% FPL	No	84.3 (82.4, 86.3)	85.9 (84.1, 87.7)	84.3 (82.1, 86.4)	84.3 (82.8, 85.9)	83.1 (82.1, 84.0)	84.4 (80.6, 88.2)
	Yes	15.7 (13.7, 17.6)	14.1 (12.3, 15.9)	15.7 (13.6, 17.9)	15.7 (14.1, 17.2)	16.9 (16.0, 17.9)	15.6 (11.8, 19.4)

Body mass index

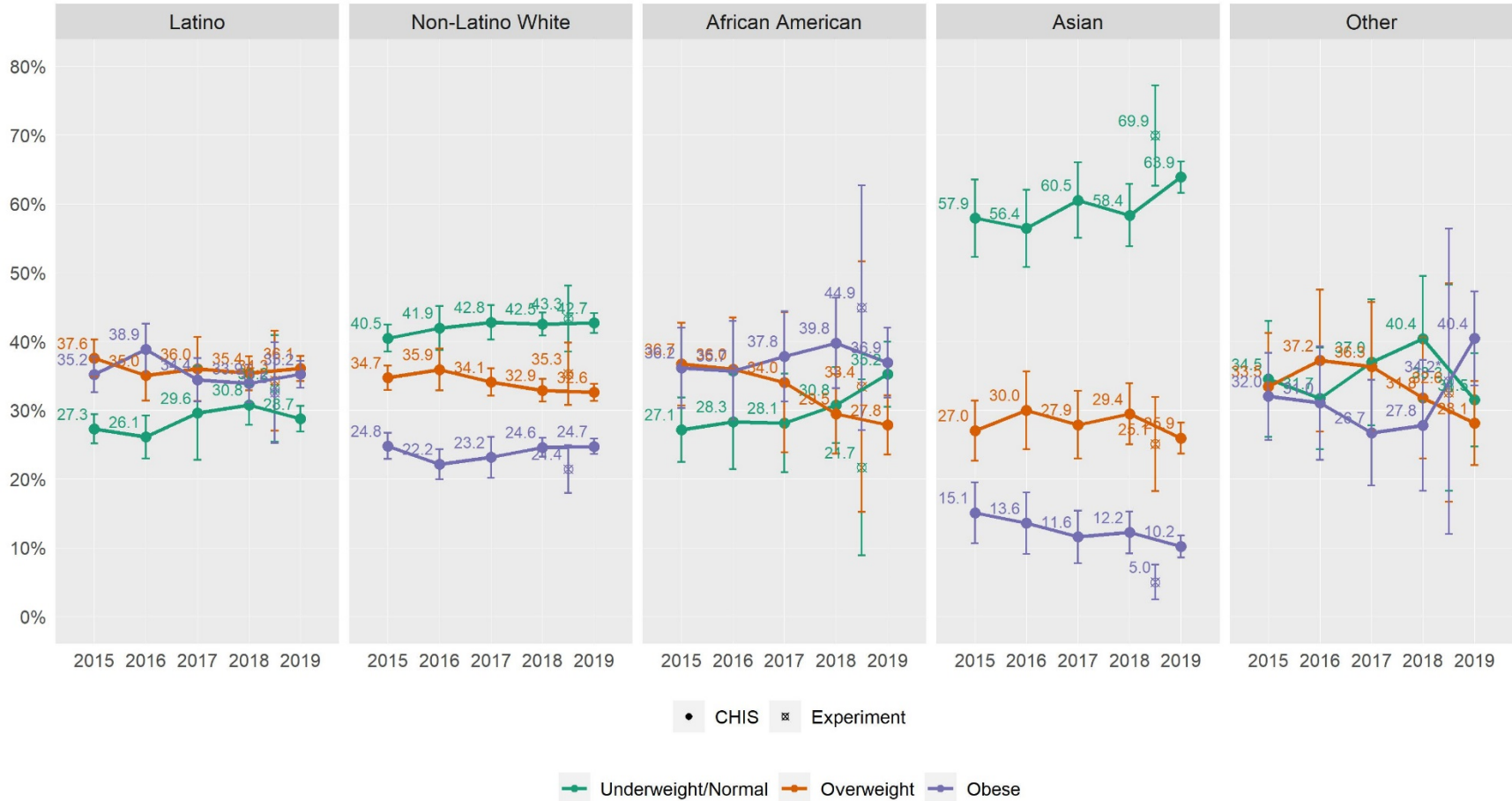
BMI by age



Age	BMI						Web
		CHIS 2015	CHIS 2016	CHIS 2017	CHIS 2018	CHIS 2019	Experiment
18-24	Underweight/Normal	58.2 (53.9, 62.6)	59.2 (54.0, 64.4)	58.8 (53.9, 63.7)	58.8 (54.7, 62.9)	52.2 (48.0, 56.5)	66.5 (51.6, 81.4)
	Overweight	25.5 (22.2, 28.8)	23.7 (19.1, 28.2)	24.8 (18.5, 31.1)	21.6 (17.6, 25.5)	25.4 (21.8, 29.0)	22.8 (11.5, 34.1)
	Obese	16.3 (12.5, 20.0)	17.1 (12.2, 22.1)	16.4 (12.7, 20.1)	19.6 (16.1, 23.2)	22.3 (18.7, 26.0)	10.7* (0.0, 22.7)
25-39	Underweight/Normal	39.6 (36.4, 42.7)	36.2 (32.2, 40.2)	41.8 (38.7, 44.9)	40.8 (37.0, 44.5)	44.1 (42.3, 45.9)	48.2 (39.5, 56.8)
	Overweight	33.1 (29.7, 36.6)	35.7 (31.5, 39.9)	31.7 (27.3, 36.1)	31.1 (27.7, 34.4)	30.2 (28.2, 32.2)	34.2 (25.6, 42.7)
	Obese	27.3 (24.1, 30.5)	28.1 (24.3, 32.0)	26.5 (22.3, 30.7)	28.2 (25.3, 31.1)	25.7 (23.8, 27.6)	17.7 (10.8, 24.5)
40-64	Underweight/Normal	29.6 (27.6, 31.7)	30.6 (28.1, 33.1)	32.2 (27.9, 36.5)	32.9 (30.8, 34.9)	34.2 (32.8, 35.6)	31.8 (27.4, 36.2)
	Overweight	37.4 (35.1, 39.8)	36.5 (33.4, 39.5)	36.7 (34.2, 39.1)	36.5 (34.2, 38.7)	34.1 (32.7, 35.5)	34.3 (29.7, 39.0)
	Obese	33.0 (31.0, 34.9)	32.9 (30.2, 35.6)	31.1 (27.2, 35.1)	30.7 (28.6, 32.8)	31.7 (30.3, 33.1)	33.9 (28.8, 38.9)
65-79	Underweight/Normal	33.7 (31.0, 36.4)	36.6 (32.8, 40.5)	36.1 (33.4, 38.8)	37.6 (34.2, 41.1)	36.2 (34.5, 37.9)	34.2 (28.5, 39.9)
	Overweight	38.2 (35.1, 41.2)	37.5 (34.2, 40.8)	37.9 (32.5, 43.3)	37.2 (34.1, 40.3)	37.3 (35.2, 39.5)	38.0 (32.1, 43.8)
	Obese	28.1 (25.4, 30.9)	25.9 (23.1, 28.6)	26.0 (21.4, 30.5)	25.2 (22.9, 27.4)	26.5 (24.9, 28.0)	27.8 (21.9, 33.7)
80+	Underweight/Normal	49.7 (43.4, 56.0)	48.7 (41.4, 56.0)	47.5 (42.2, 52.8)	47.5 (42.5, 52.5)	49.8 (45.7, 53.9)	49.9 (35.8, 64.0)
	Overweight	34.5 (28.6, 40.3)	36.6 (29.9, 43.3)	37.4 (31.9, 42.9)	35.1 (30.4, 39.9)	34.7 (30.6, 38.8)	34.9 (22.2, 47.6)
	Obese	15.8 (11.9, 19.7)	14.7 (10.9, 18.6)	15.1 (10.3, 20.0)	17.3 (13.1, 21.5)	15.5 (13.1, 17.9)	15.2* (5.9, 24.5)

Note. \* = statistically unstable.

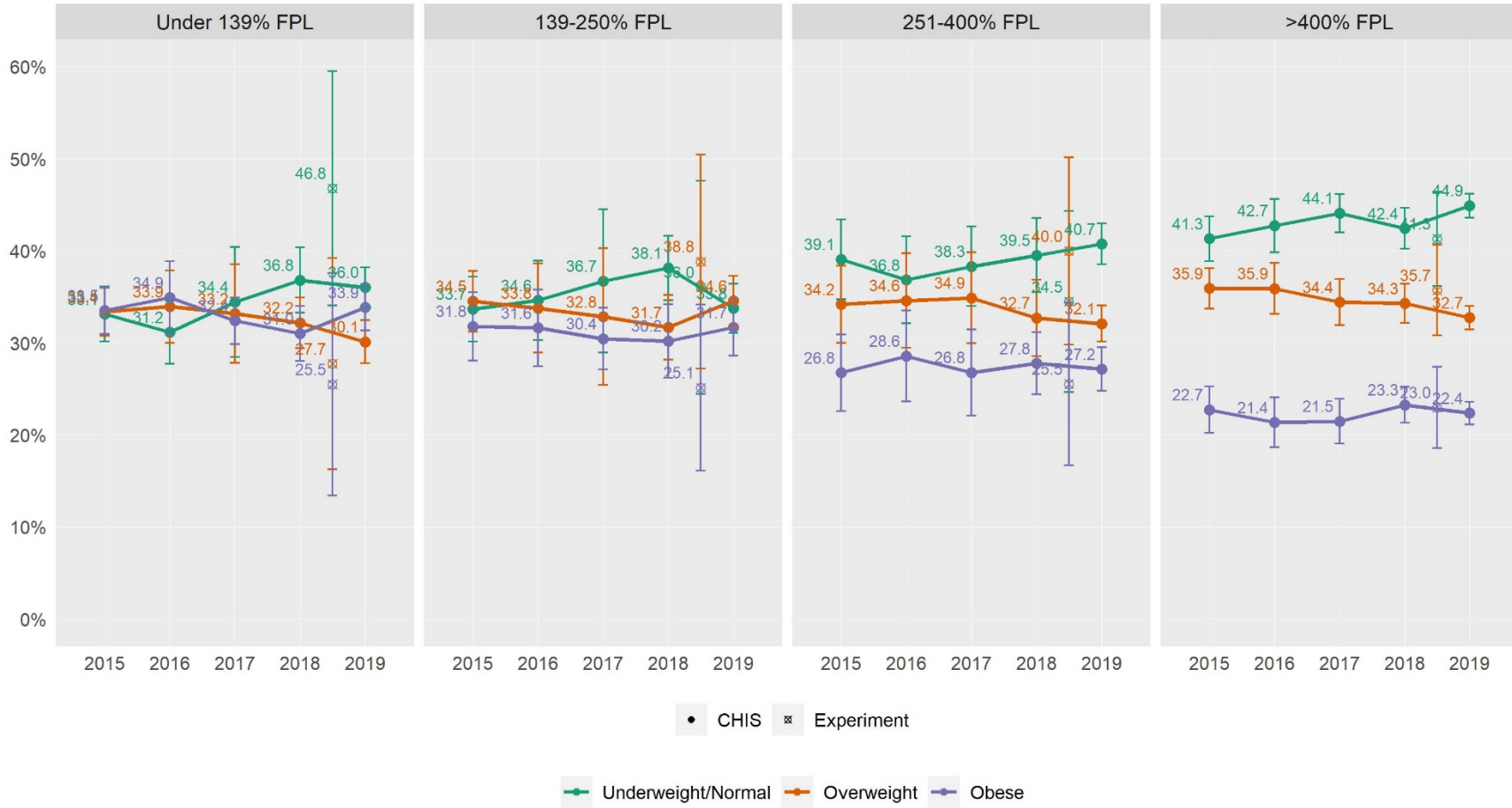
### BMI by race



Race/ethnicity	BMI	CHIS 2015	CHIS 2016	CHIS 2017	CHIS 2018	CHIS 2019	Web Experiment
African American	Underweight/Normal	27.1 (22.4, 31.9)	28.3 (21.4, 35.2)	28.1 (21.0, 35.3)	30.8 (25.2, 36.3)	35.2 (30.5, 40.0)	21.7 (8.9, 34.5)
	Overweight	36.7 (30.7, 42.7)	36.0 (28.5, 43.5)	34.0 (23.9, 44.2)	29.5 (23.7, 35.3)	27.8 (23.5, 32.1)	33.4 (15.2, 51.7)
	Obese	36.2 (30.3, 42.0)	35.7 (28.4, 43.0)	37.8 (31.2, 44.4)	39.8 (33.2, 46.3)	36.9 (31.8, 42.0)	44.9 (27.1, 62.7)
Asian	Underweight/Normal	57.9 (52.3, 63.5)	56.4 (50.8, 62.1)	60.5 (55.0, 66.1)	58.4 (53.8, 62.9)	63.9 (61.6, 66.2)	69.9 (62.7, 77.2)
	Overweight	27.0 (22.7, 31.4)	30.0 (24.3, 35.6)	27.9 (23.0, 32.8)	29.4 (25.0, 33.9)	25.9 (23.7, 28.2)	25.1 (18.2, 31.9)
	Obese	15.1 (10.6, 19.5)	13.6 (9.1, 18.0)	11.6 (7.8, 15.4)	12.2 (9.2, 15.2)	10.2 (8.6, 11.8)	5.0 (2.4, 7.5)
Latino	Underweight/Normal	27.3 (25.1, 29.4)	26.1 (23.0, 29.2)	29.6 (22.8, 36.4)	30.8 (27.9, 33.6)	28.7 (26.9, 30.6)	33.2 (25.4, 40.9)
	Overweight	37.6 (34.8, 40.3)	35.0 (31.4, 38.7)	36.0 (31.3, 40.7)	35.4 (32.9, 37.8)	36.1 (34.2, 37.9)	34.3 (27.0, 41.6)
	Obese	35.2 (32.6, 37.7)	38.9 (35.2, 42.6)	34.4 (31.3, 37.6)	33.9 (31.2, 36.6)	35.2 (33.3, 37.2)	32.6 (25.2, 39.9)
Non-Latino White	Underweight/Normal	40.5 (38.5, 42.4)	41.9 (38.7, 45.2)	42.8 (40.2, 45.3)	42.5 (40.8, 44.2)	42.7 (41.2, 44.1)	43.3 (38.5, 48.1)
	Overweight	34.7 (32.9, 36.5)	35.9 (32.9, 39.0)	34.1 (32.1, 36.1)	32.9 (31.2, 34.6)	32.6 (31.3, 33.8)	35.3 (30.8, 39.8)
	Obese	24.8 (22.9, 26.7)	22.2 (20.0, 24.3)	23.2 (20.2, 26.1)	24.6 (23.2, 26.0)	24.7 (23.6, 25.9)	21.4 (17.9, 24.9)
Other	Underweight/Normal	34.5 (26.1, 43.0)	31.7 (24.3, 39.1)	37.0 (27.8, 46.1)	40.4 (31.3, 49.5)	31.5 (24.7, 38.3)	33.3 (18.3, 48.2)
	Overweight	33.5 (25.7, 41.2)	37.2 (26.9, 47.6)	36.3 (26.9, 45.7)	31.8 (23.0, 40.6)	28.1 (22.0, 34.2)	32.6 (16.7, 48.4)
	Obese	32.0 (25.7, 38.3)	31.0 (22.8, 39.3)	26.7 (19.0, 34.4)	27.8 (18.3, 37.3)	40.4 (33.6, 47.3)	34.2* (12.0, 56.4)

Note. \* = statistically unstable.

### BMI by FPL

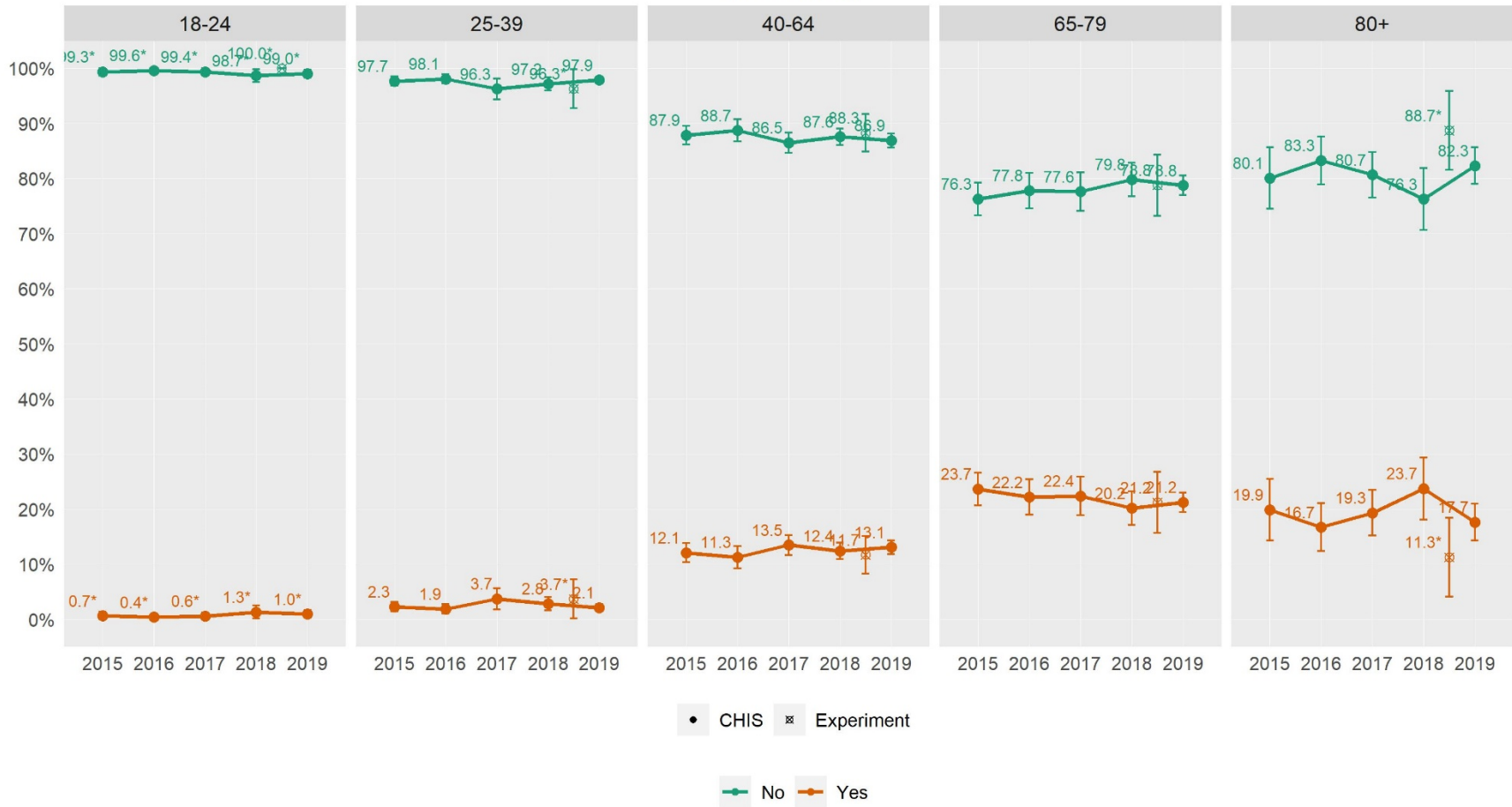


FPL	BMI	CHIS 2015	CHIS 2016	CHIS 2017	CHIS 2018	CHIS 2019	Web Experiment
Under 139% FPL	Underweight/Normal	33.1 (30.1, 36.1)	31.2 (27.7, 34.6)	34.4 (28.5, 40.4)	36.8 (33.3, 40.4)	36.0 (33.9, 38.2)	46.8 (34.0, 59.5)
	Overweight	33.4 (30.8, 36.0)	33.9 (30.0, 37.9)	33.2 (27.8, 38.5)	32.2 (29.4, 34.9)	30.1 (27.8, 32.4)	27.7 (16.2, 39.2)
	Obese	33.5 (31.0, 36.1)	34.9 (30.9, 38.9)	32.4 (29.9, 34.9)	31.0 (28.0, 34.0)	33.9 (31.3, 36.4)	25.5 (13.4, 37.6)
139-250% FPL	Underweight/Normal	33.7 (30.2, 37.2)	34.6 (30.3, 38.9)	36.7 (28.9, 44.5)	38.1 (34.6, 41.6)	33.8 (31.1, 36.4)	36.0 (24.4, 47.6)
	Overweight	34.5 (31.2, 37.8)	33.8 (28.9, 38.6)	32.8 (25.4, 40.3)	31.7 (28.2, 35.2)	34.6 (31.9, 37.3)	38.8 (27.2, 50.4)
	Obese	31.8 (28.1, 35.5)	31.6 (27.5, 35.8)	30.4 (27.1, 33.8)	30.2 (26.2, 34.2)	31.7 (28.6, 34.7)	25.1 (16.1, 34.1)
251-400% FPL	Underweight/Normal	39.1 (34.7, 43.4)	36.8 (32.1, 41.6)	38.3 (34.0, 42.6)	39.5 (35.5, 43.6)	40.7 (38.5, 43.0)	34.5 (24.6, 44.3)
	Overweight	34.2 (30.0, 38.4)	34.6 (29.5, 39.7)	34.9 (30.0, 39.8)	32.7 (28.6, 36.8)	32.1 (30.1, 34.1)	40.0 (29.8, 50.2)
	Obese	26.8 (22.6, 30.9)	28.6 (23.6, 33.5)	26.8 (22.1, 31.5)	27.8 (24.4, 31.2)	27.2 (24.8, 29.5)	25.5 (16.7, 34.4)
>400% FPL	Underweight/Normal	41.3 (38.9, 43.8)	42.7 (39.8, 45.6)	44.1 (42.0, 46.2)	42.4 (40.2, 44.7)	44.9 (43.6, 46.2)	41.3 (36.2, 46.4)
	Overweight	35.9 (33.7, 38.1)	35.9 (33.1, 38.7)	34.4 (31.9, 36.9)	34.3 (32.2, 36.4)	32.7 (31.5, 34.0)	35.7 (30.8, 40.7)
	Obese	22.7 (20.2, 25.3)	21.4 (18.7, 24.1)	21.5 (19.0, 23.9)	23.3 (21.3, 25.2)	22.4 (21.1, 23.6)	23.0 (18.6, 27.4)



Diabetes

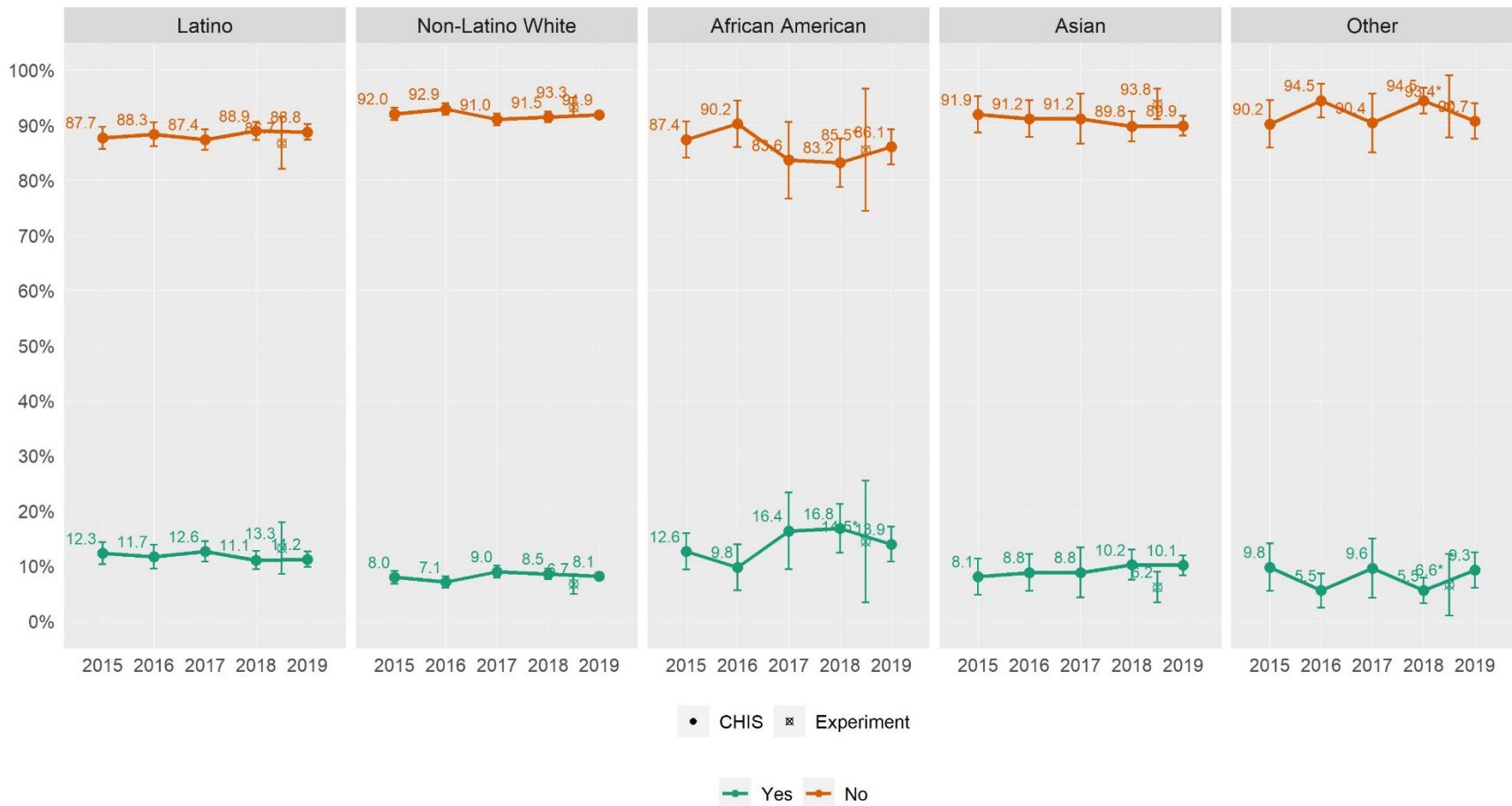
Diabetes by age



Age	Diabetes	CHIS 2015	CHIS 2016	CHIS 2017	CHIS 2018	CHIS 2019	Web Experiment
18-24	No	99.3* (98.6, 100.0)	99.6* (99.2, 100.0)	99.4* (98.8, 100.0)	98.7* (97.5, 99.9)	99.0* (98.3, 99.8)	100.0* (100.0, 100.0)
	Yes	0.7* (0.0, 1.4)	0.4* (0.0, 0.8)	0.6* (0.0, 1.2)	1.3* (0.1, 2.5)	1.0* (0.2, 1.7)	- -
25-39	No	97.7 (96.8, 98.5)	98.1 (97.3, 98.9)	96.3 (94.4, 98.2)	97.2 (96.0, 98.4)	97.9 (97.3, 98.5)	96.3* (92.8, 99.8)
	Yes	2.3 (1.5, 3.2)	1.9 (1.1, 2.7)	3.7 (1.8, 5.6)	2.8 (1.6, 4.0)	2.1 (1.5, 2.7)	3.7* (0.2, 7.2)
40-64	No	87.9 (86.2, 89.6)	88.7 (86.7, 90.7)	86.5 (84.7, 88.3)	87.6 (86.1, 89.1)	86.9 (85.6, 88.2)	88.3 (84.9, 91.7)
	Yes	12.1 (10.4, 13.8)	11.3 (9.3, 13.3)	13.5 (11.7, 15.3)	12.4 (10.9, 13.9)	13.1 (11.8, 14.4)	11.7 (8.3, 15.1)
65-79	No	76.3 (73.3, 79.3)	77.8 (74.6, 81.0)	77.6 (74.1, 81.1)	79.8 (76.8, 82.9)	78.8 (77.0, 80.5)	78.8 (73.3, 84.3)
	Yes	23.7 (20.7, 26.7)	22.2 (19.0, 25.4)	22.4 (18.9, 25.9)	20.2 (17.1, 23.2)	21.2 (19.5, 23.0)	21.2 (15.7, 26.7)
80+	No	80.1 (74.5, 85.7)	83.3 (78.9, 87.6)	80.7 (76.5, 84.8)	76.3 (70.6, 81.9)	82.3 (79.0, 85.7)	88.7* (81.6, 95.9)
	Yes	19.9 (14.3, 25.5)	16.7 (12.4, 21.1)	19.3 (15.2, 23.5)	23.7 (18.1, 29.4)	17.7 (14.3, 21.0)	11.3* (4.1, 18.4)

Note. \* = statistically unstable. – = suppressed due to small sample size.

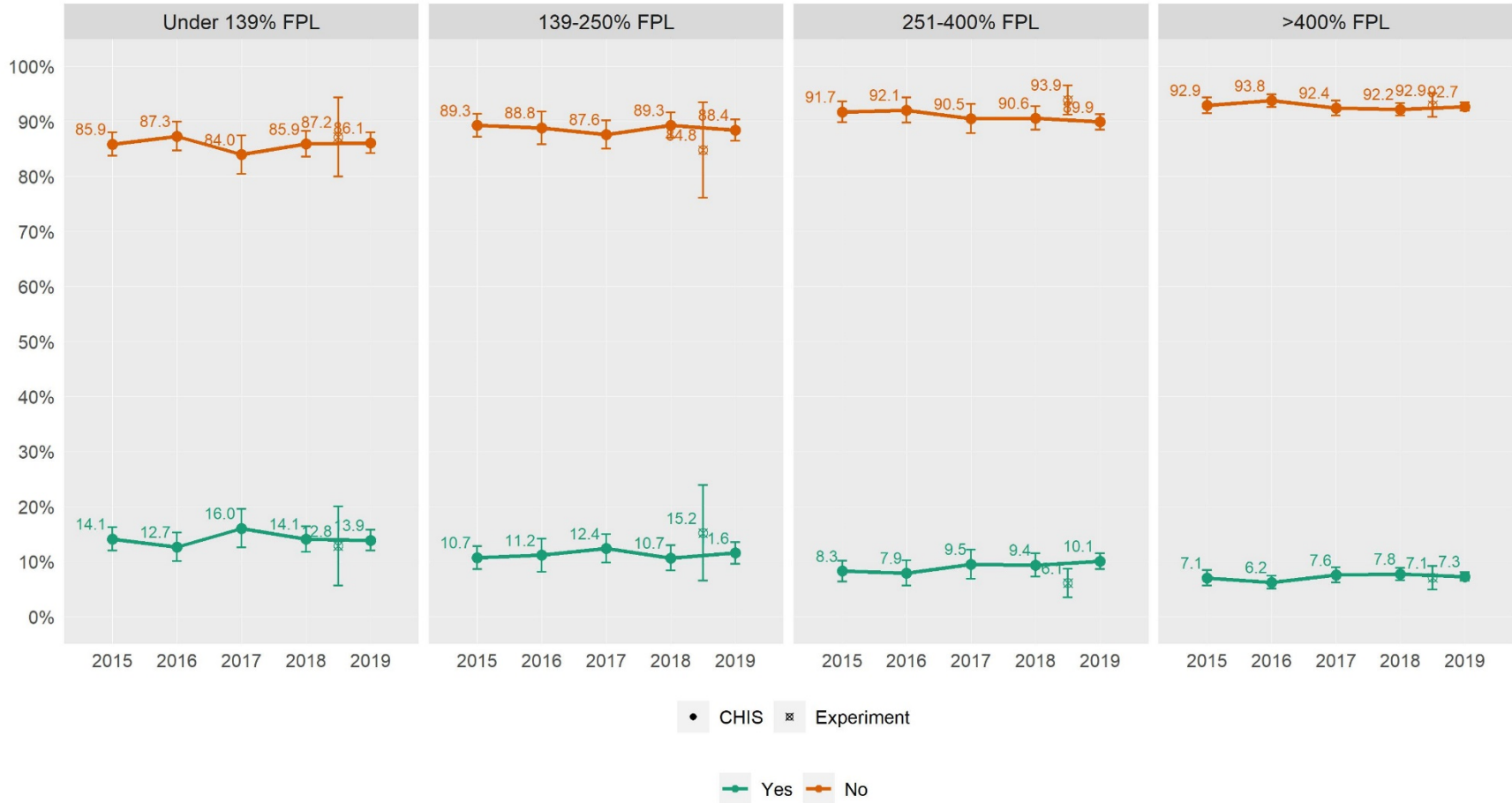
### Diabetes by race



Race/ethnicity	Diabetes	CHIS 2015	CHIS 2016	CHIS 2017	CHIS 2018	CHIS 2019	Web Experiment
African American	No	87.4 (84.1, 90.7)	90.2 (86.0, 94.4)	83.6 (76.7, 90.6)	83.2 (78.8, 87.6)	86.1 (82.9, 89.2)	85.5* (74.5, 96.6)
	Yes	12.6 (9.3, 15.9)	9.8 (5.6, 14.0)	16.4 (9.4, 23.3)	16.8 (12.4, 21.2)	13.9 (10.8, 17.1)	14.5* (3.4, 25.5)
Asian	No	91.9 (88.6, 95.3)	91.2 (87.9, 94.5)	91.2 (86.7, 95.7)	89.8 (87.1, 92.5)	89.9 (88.1, 91.7)	93.8 (91.0, 96.6)
	Yes	8.1 (4.7, 11.4)	8.8 (5.5, 12.1)	8.8 (4.3, 13.3)	10.2 (7.5, 12.9)	10.1 (8.3, 11.9)	6.2 (3.4, 9.0)
Latino	No	87.7 (85.7, 89.7)	88.3 (86.2, 90.5)	87.4 (85.5, 89.2)	88.9 (87.3, 90.6)	88.8 (87.4, 90.2)	86.7 (82.0, 91.4)
	Yes	12.3 (10.3, 14.3)	11.7 (9.5, 13.8)	12.6 (10.8, 14.5)	11.1 (9.4, 12.7)	11.2 (9.8, 12.6)	13.3 (8.6, 18.0)
Non-Latino White	No	92.0 (90.9, 93.2)	92.9 (91.9, 94.0)	91.0 (90.0, 92.1)	91.5 (90.5, 92.5)	91.9 (91.2, 92.6)	93.3 (91.5, 95.0)
	Yes	8.0 (6.8, 9.1)	7.1 (6.0, 8.1)	9.0 (7.9, 10.0)	8.5 (7.5, 9.5)	8.1 (7.4, 8.8)	6.7 (5.0, 8.5)
Other	No	90.2 (85.9, 94.6)	94.5 (91.4, 97.5)	90.4 (85.0, 95.8)	94.5 (92.1, 96.8)	90.7 (87.5, 94.0)	93.4* (87.8, 99.0)
	Yes	9.8 (5.4, 14.1)	5.5 (2.5, 8.6)	9.6 (4.2, 15.0)	5.5 (3.2, 7.9)	9.3 (6.0, 12.5)	6.6* (1.0, 12.2)

Note. \* = statistically unstable.

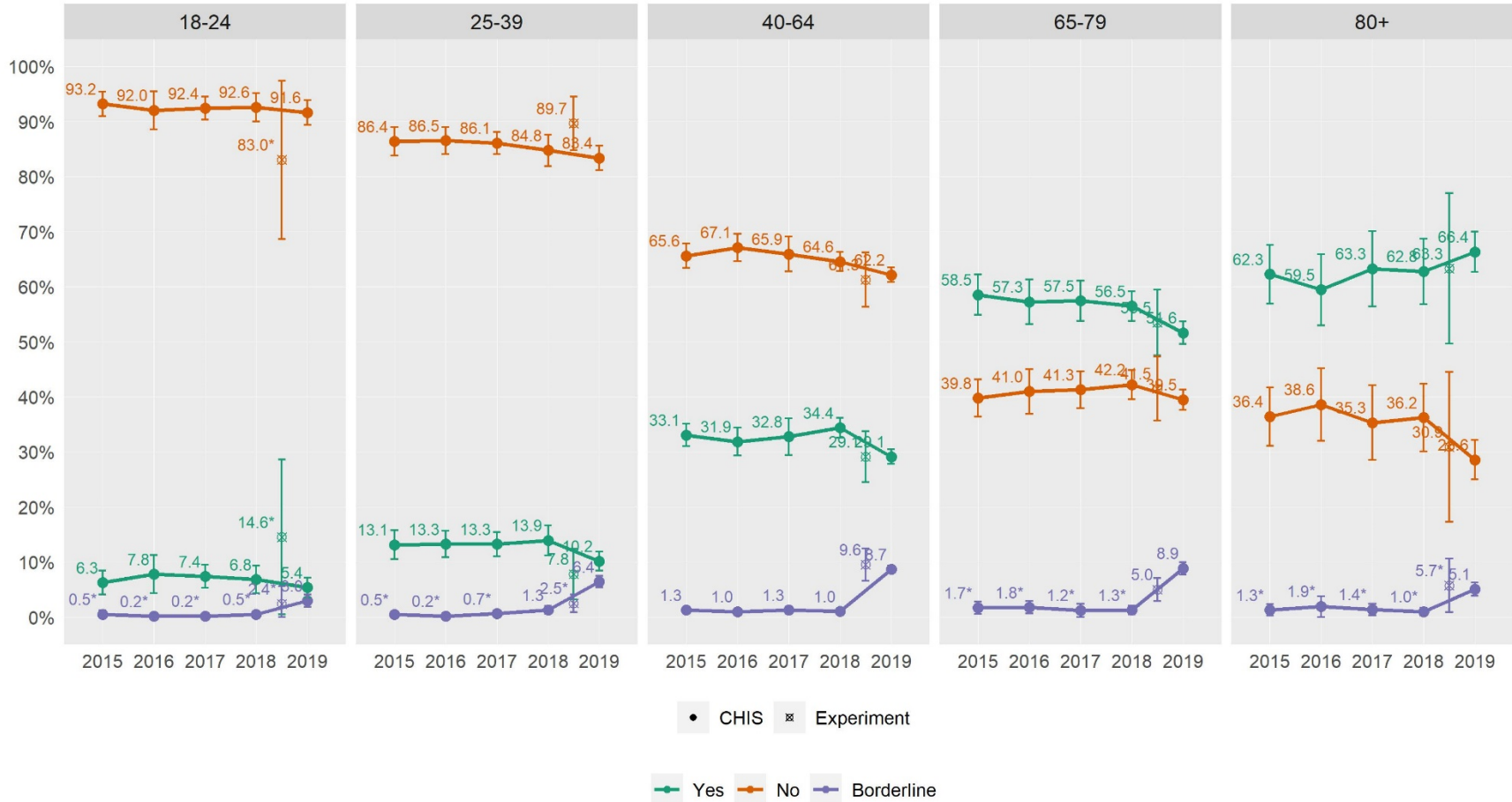
### Diabetes by FPL



FPL	Diabetes	CHIS 2015	CHIS 2016	CHIS 2017	CHIS 2018	CHIS 2019	Web Experiment
Under 139% FPL	No	85.9 (83.7, 88.0)	87.3 (84.7, 89.9)	84.0 (80.5, 87.5)	85.9 (83.6, 88.2)	86.1 (84.3, 88.0)	87.2 (79.9, 94.4)
	Yes	14.1 (12.0, 16.3)	12.7 (10.1, 15.3)	16.0 (12.5, 19.5)	14.1 (11.8, 16.4)	13.9 (12.0, 15.7)	12.8 (5.6, 20.1)
139-250% FPL	No	89.3 (87.2, 91.4)	88.8 (85.9, 91.8)	87.6 (85.0, 90.2)	89.3 (87.0, 91.6)	88.4 (86.5, 90.4)	84.8 (76.1, 93.5)
	Yes	10.7 (8.6, 12.8)	11.2 (8.2, 14.1)	12.4 (9.8, 15.0)	10.7 (8.4, 13.0)	11.6 (9.6, 13.5)	15.2 (6.5, 23.9)
251-400% FPL	No	91.7 (89.9, 93.6)	92.1 (89.8, 94.4)	90.5 (87.8, 93.2)	90.6 (88.5, 92.8)	89.9 (88.5, 91.3)	93.9 (91.3, 96.5)
	Yes	8.3 (6.4, 10.1)	7.9 (5.6, 10.2)	9.5 (6.8, 12.2)	9.4 (7.2, 11.5)	10.1 (8.7, 11.5)	6.1 (3.5, 8.7)
>400% FPL	No	92.9 (91.5, 94.4)	93.8 (92.6, 95.0)	92.4 (91.1, 93.8)	92.2 (91.1, 93.4)	92.7 (91.9, 93.5)	92.9 (90.8, 95.1)
	Yes	7.1 (5.6, 8.5)	6.2 (5.0, 7.4)	7.6 (6.2, 8.9)	7.8 (6.6, 8.9)	7.3 (6.5, 8.1)	7.1 (4.9, 9.2)

# Hypertension

## Hypertension by age

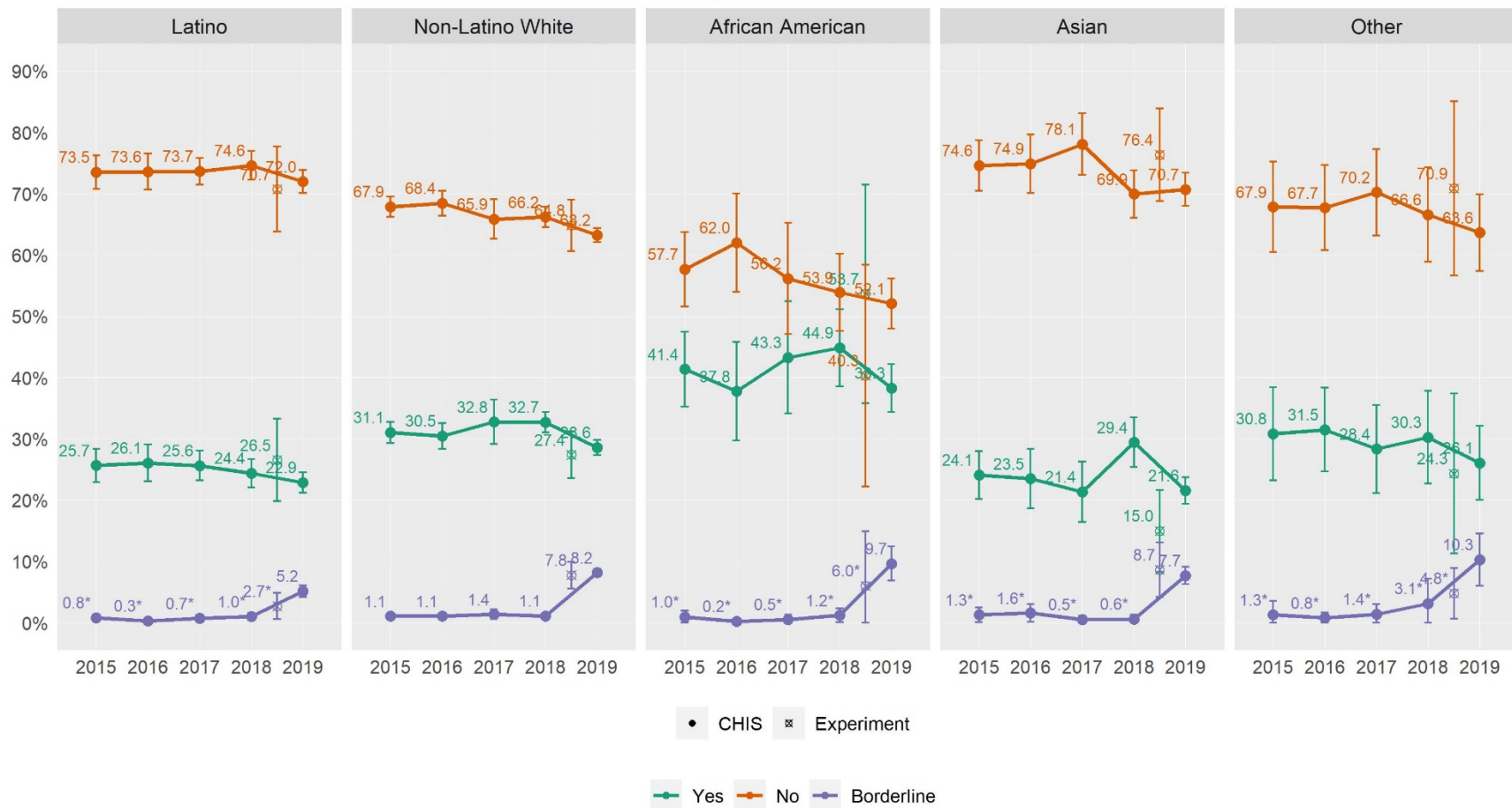


Age	Hypertension	Web Experiment					
		CHIS 2015	CHIS 2016	CHIS 2017	CHIS 2018	CHIS 2019	Web Experiment
18-24	Yes	6.3 (4.1, 8.4)	7.8 (4.3, 11.3)	7.4 (5.3, 9.5)	6.8 (4.3, 9.3)	5.4 (3.6, 7.2)	14.6* (0.5, 28.6)
	No	93.2 (91.0, 95.4)	92.0 (88.6, 95.5)	92.4 (90.3, 94.5)	92.6 (90.0, 95.2)	91.6 (89.4, 93.9)	83.0* (68.7, 97.4)
	Borderline	0.5* (0.0, 1.2)	0.2* (0.0, 0.4)	0.2* (0.0, 0.5)	0.5* (0.0, 1.1)	3.0 (1.8, 4.1)	2.4* (0.0, 5.6)
25-39	Yes	13.1 (10.5, 15.7)	13.3 (10.9, 15.7)	13.3 (11.0, 15.5)	13.9 (11.2, 16.7)	10.2 (8.4, 11.9)	7.8 (3.2, 12.4)
	No	86.4 (83.8, 88.9)	86.5 (84.1, 89.0)	86.1 (84.1, 88.1)	84.8 (81.9, 87.6)	83.4 (81.2, 85.6)	89.7 (84.8, 94.5)
	Borderline	0.5* (0.1, 0.9)	0.2* (0.0, 0.4)	0.7* (0.1, 1.2)	1.3 (0.5, 2.0)	6.4 (5.4, 7.5)	2.5* (0.9, 4.1)
40-64	Yes	33.1 (31.0, 35.1)	31.9 (29.3, 34.4)	32.8 (29.5, 36.1)	34.4 (32.6, 36.2)	29.1 (27.8, 30.5)	29.1 (24.5, 33.8)
	No	65.6 (63.4, 67.9)	67.1 (64.6, 69.6)	65.9 (62.7, 69.1)	64.6 (62.9, 66.3)	62.2 (60.8, 63.5)	61.3 (56.4, 66.2)
	Borderline	1.3 (0.8, 1.8)	1.0 (0.5, 1.5)	1.3 (0.7, 1.9)	1.0 (0.6, 1.4)	8.7 (8.0, 9.4)	9.6 (6.6, 12.5)
65-79	Yes	58.5 (54.9, 62.2)	57.3 (53.2, 61.3)	57.5 (53.8, 61.1)	56.5 (53.8, 59.2)	51.6 (49.6, 53.7)	53.5 (47.5, 59.5)
	No	39.8 (36.4, 43.1)	41.0 (36.9, 45.0)	41.3 (38.0, 44.6)	42.2 (39.6, 44.8)	39.5 (37.6, 41.3)	41.5 (35.7, 47.3)
	Borderline	1.7* (0.6, 2.8)	1.8* (0.6, 2.9)	1.2* (0.0, 2.4)	1.3* (0.5, 2.1)	8.9 (7.8, 10.0)	5.0 (2.9, 7.1)
80+	Yes	62.3 (56.9, 67.6)	59.5 (53.0, 65.9)	63.3 (56.4, 70.1)	62.8 (56.8, 68.7)	66.4 (62.7, 70.0)	63.3 (49.6, 77.0)
	No	36.4 (31.1, 41.8)	38.6 (32.0, 45.2)	35.3 (28.5, 42.1)	36.2 (30.1, 42.4)	28.6 (25.0, 32.1)	30.9 (17.3, 44.6)
	Borderline	1.3* (0.3, 2.3)	1.9* (0.1, 3.8)	1.4* (0.3, 2.4)	1.0* (0.3, 1.7)	5.1 (3.9, 6.3)	5.7* (0.9, 10.6)

Note. \* = statistically unstable.



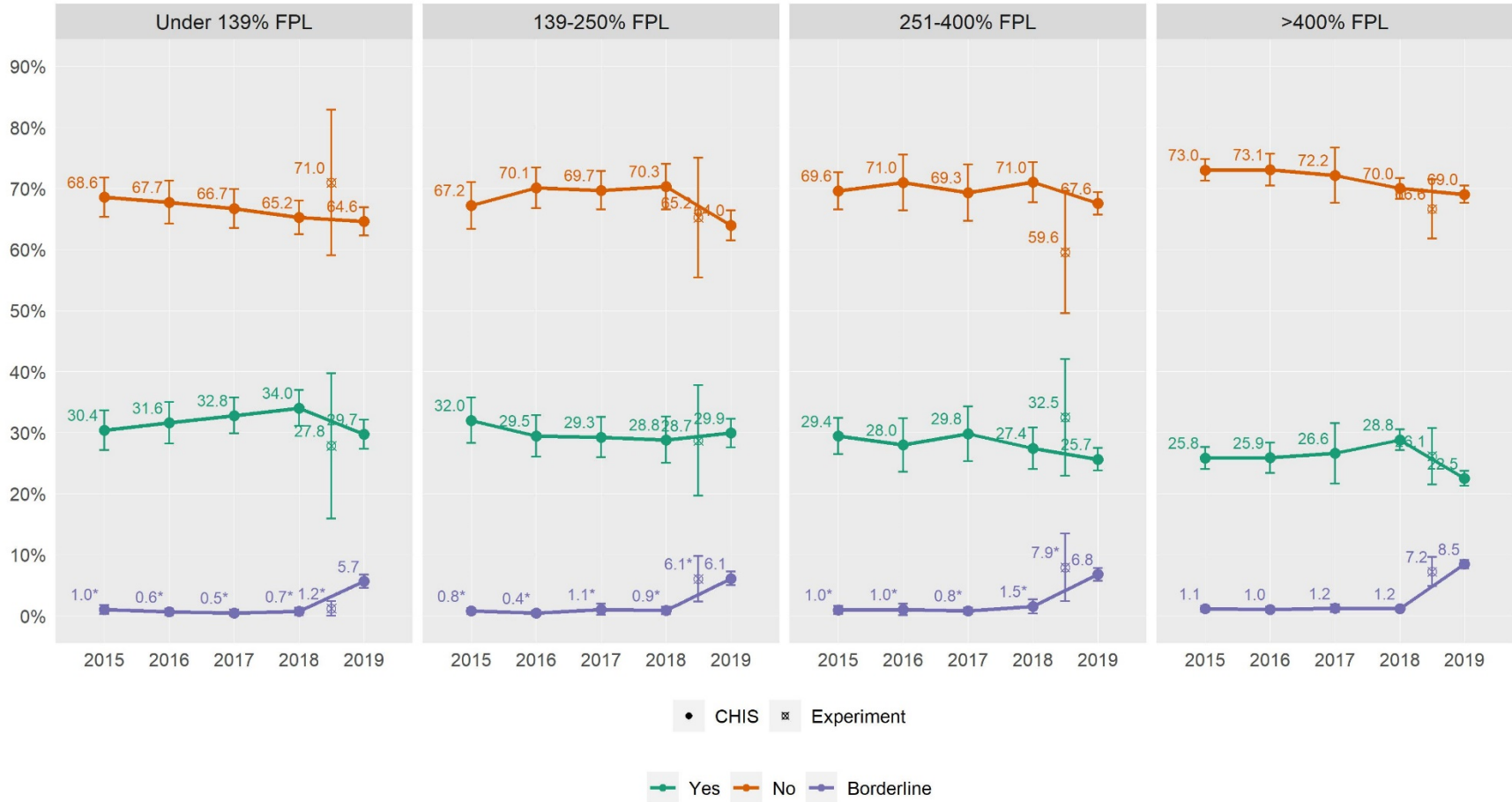
### Hypertension by race



Race/ethnicity	Hypertension	Web Experiment					
		CHIS 2015	CHIS 2016	CHIS 2017	CHIS 2018	CHIS 2019	Web Experiment
African American	Yes	41.4 (35.3, 47.5)	37.8 (29.8, 45.8)	43.3 (34.1, 52.4)	44.9 (38.6, 51.2)	38.3 (34.4, 42.1)	53.7 (35.9, 71.5)
	No	57.7 (51.6, 63.7)	62.0 (54.0, 70.0)	56.2 (47.1, 65.2)	53.9 (47.6, 60.2)	52.1 (48.0, 56.1)	40.3 (22.2, 58.4)
	Borderline	1.0* (0.0, 1.9)	0.2* (0.0, 0.5)	0.5* (0.0, 1.3)	1.2* (0.1, 2.4)	9.7 (6.9, 12.5)	6.0* (0.0, 15.0)
Asian	Yes	24.1 (20.2, 28.0)	23.5 (18.7, 28.4)	21.4 (16.5, 26.3)	29.4 (25.4, 33.5)	21.6 (19.4, 23.8)	15.0 (8.3, 21.7)
	No	74.6 (70.5, 78.7)	74.9 (70.1, 79.7)	78.1 (73.1, 83.1)	69.9 (66.1, 73.8)	70.7 (68.0, 73.4)	76.4 (68.8, 83.9)
	Borderline	1.3* (0.1, 2.5)	1.6* (0.1, 3.1)	0.5* (0.0, 1.1)	0.6* (0.0, 1.3)	7.7 (6.3, 9.1)	8.7 (4.2, 13.1)
Latino	Yes	25.7 (23.0, 28.4)	26.1 (23.1, 29.1)	25.6 (23.2, 28.1)	24.4 (22.1, 26.7)	22.9 (21.2, 24.5)	26.5 (19.8, 33.3)
	No	73.5 (70.8, 76.2)	73.6 (70.6, 76.6)	73.7 (71.5, 75.8)	74.6 (72.3, 76.9)	72.0 (70.1, 73.8)	70.7 (63.8, 77.7)
	Borderline	0.8* (0.3, 1.4)	0.3* (0.1, 0.5)	0.7* (0.1, 1.3)	1.0* (0.4, 1.6)	5.2 (4.2, 6.1)	2.7* (0.6, 4.8)
Non-Latino White	Yes	31.1 (29.3, 32.8)	30.5 (28.4, 32.6)	32.8 (29.1, 36.4)	32.7 (31.0, 34.4)	28.6 (27.4, 29.8)	27.4 (23.6, 31.2)
	No	67.9 (66.2, 69.5)	68.4 (66.4, 70.5)	65.9 (62.6, 69.1)	66.2 (64.5, 67.8)	63.2 (62.1, 64.4)	64.8 (60.7, 69.0)
	Borderline	1.1 (0.7, 1.5)	1.1 (0.7, 1.5)	1.4 (0.6, 2.2)	1.1 (0.7, 1.5)	8.2 (7.6, 8.8)	7.8 (5.6, 9.9)
Other	Yes	30.8 (23.3, 38.4)	31.5 (24.7, 38.3)	28.4 (21.2, 35.5)	30.3 (22.7, 37.8)	26.1 (20.0, 32.1)	24.3 (11.3, 37.4)
	No	67.9 (60.5, 75.2)	67.7 (60.7, 74.6)	70.2 (63.2, 77.3)	66.6 (58.9, 74.3)	63.6 (57.3, 69.9)	70.9 (56.6, 85.1)
	Borderline	1.3* (0.0, 3.6)	0.8* (0.0, 1.7)	1.4* (0.0, 3.1)	3.1* (0.0, 7.2)	10.3 (6.1, 14.5)	4.8* (0.7, 8.9)

Note. \* = statistically unstable.

### Hypertension by FPL

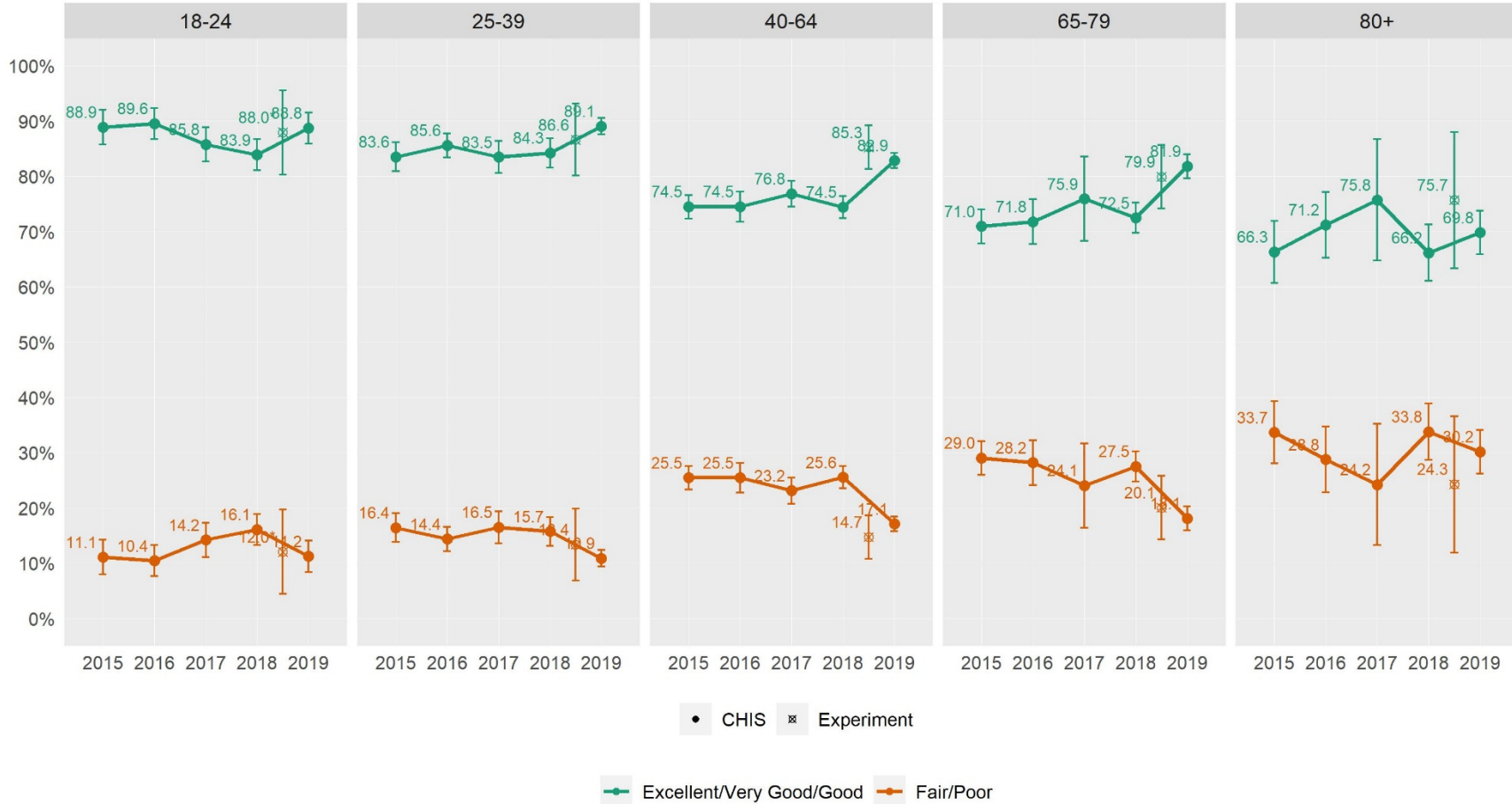


FPL	Hypertension	CHIS 2015	CHIS 2016	CHIS 2017	CHIS 2018	CHIS 2019	Web Experiment
Under 139% FPL	Yes	30.4 (27.2, 33.6)	31.6 (28.2, 35.0)	32.8 (29.9, 35.8)	34.0 (31.1, 37.0)	29.7 (27.3, 32.1)	27.8 (16.0, 39.7)
	No	68.6 (65.4, 71.8)	67.7 (64.3, 71.2)	66.7 (63.6, 69.9)	65.2 (62.5, 68.0)	64.6 (62.3, 67.0)	71.0 (59.0, 82.9)
	Borderline	1.0* (0.3, 1.7)	0.6* (0.1, 1.2)	0.5* (0.0, 1.0)	0.7* (0.1, 1.3)	5.7 (4.6, 6.7)	1.2* (0.0, 2.4)
139-250% FPL	Yes	32.0 (28.3, 35.7)	29.5 (26.1, 32.9)	29.3 (26.0, 32.6)	28.8 (25.0, 32.6)	29.9 (27.6, 32.3)	28.7 (19.7, 37.7)
	No	67.2 (63.4, 71.0)	70.1 (66.8, 73.5)	69.7 (66.5, 72.8)	70.3 (66.6, 74.0)	64.0 (61.5, 66.4)	65.2 (55.4, 75.1)
	Borderline	0.8* (0.3, 1.3)	0.4* (0.0, 0.9)	1.1* (0.2, 1.9)	0.9* (0.2, 1.5)	6.1 (5.0, 7.2)	6.1* (2.3, 9.8)
251-400% FPL	Yes	29.4 (26.5, 32.4)	28.0 (23.6, 32.4)	29.8 (25.4, 34.3)	27.4 (24.0, 30.9)	25.7 (23.8, 27.5)	32.5 (22.9, 42.1)
	No	69.6 (66.6, 72.6)	71.0 (66.4, 75.5)	69.3 (64.7, 74.0)	71.0 (67.7, 74.3)	67.6 (65.7, 69.4)	59.6 (49.5, 69.6)
	Borderline	1.0* (0.3, 1.6)	1.0* (0.1, 2.0)	0.8* (0.3, 1.3)	1.5* (0.4, 2.7)	6.8 (5.7, 7.8)	7.9* (2.4, 13.4)
>400% FPL	Yes	25.8 (24.0, 27.6)	25.9 (23.4, 28.4)	26.6 (21.6, 31.6)	28.8 (27.1, 30.5)	22.5 (21.3, 23.7)	26.1 (21.5, 30.8)
	No	73.0 (71.3, 74.8)	73.1 (70.5, 75.7)	72.2 (67.7, 76.7)	70.0 (68.3, 71.7)	69.0 (67.6, 70.5)	66.6 (61.8, 71.5)
	Borderline	1.1 (0.7, 1.6)	1.0 (0.6, 1.5)	1.2 (0.6, 1.9)	1.2 (0.8, 1.5)	8.5 (7.8, 9.1)	7.2 (4.9, 9.6)

Note. \* = statistically unstable.

Self-rated health

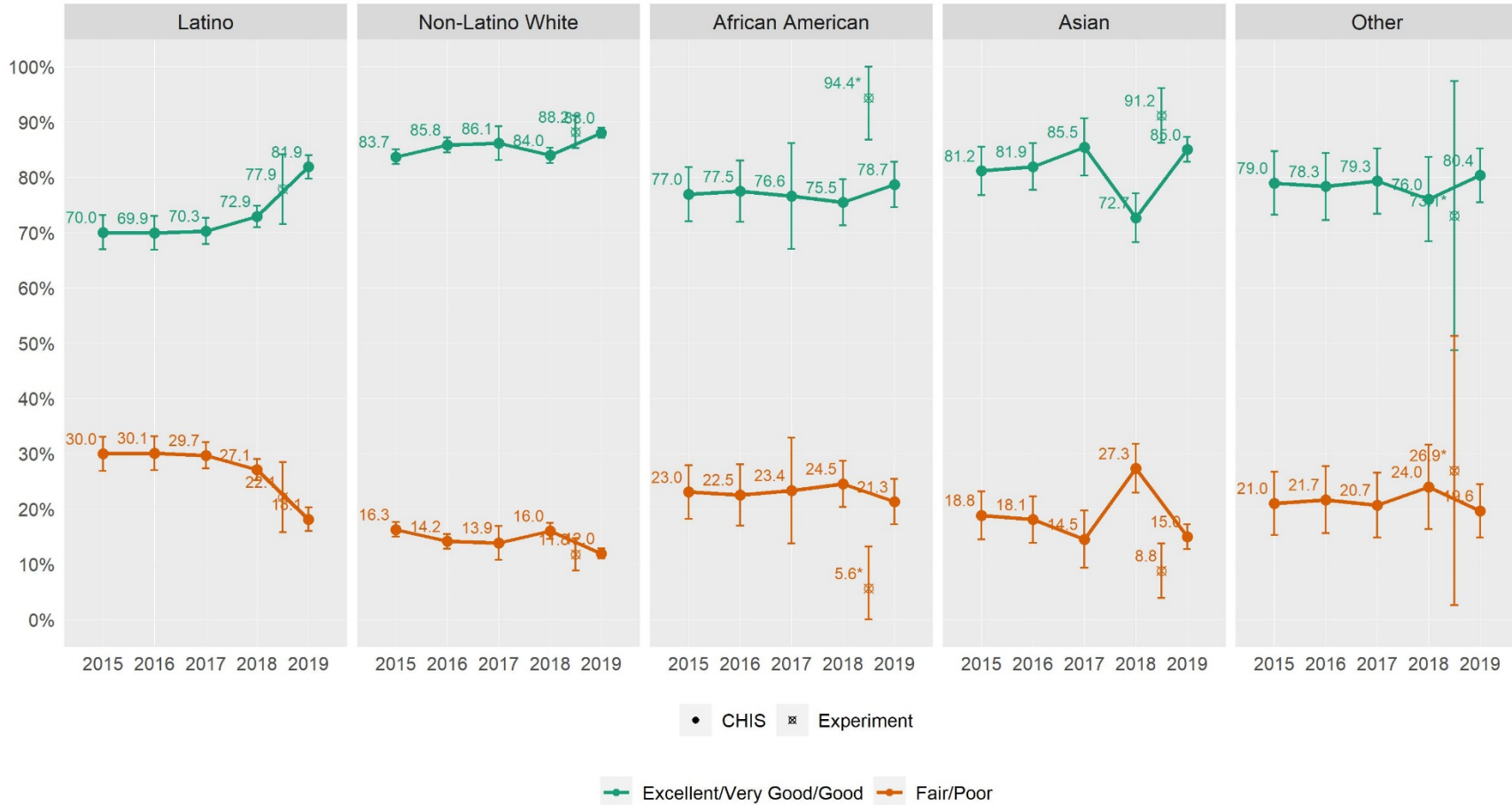
Self-rated health status by age



Age	Self-rated health	CHIS 2015	CHIS 2016	CHIS 2017	CHIS 2018	CHIS 2019	Web Experiment
18-24	Excellent/Very Good/Good	88.9 (85.8, 92.0)	89.6 (86.7, 92.4)	85.8 (82.7, 88.9)	83.9 (81.1, 86.8)	88.8 (85.9, 91.6)	88.0* (80.3, 95.6)
	Fair/Poor	11.1 (8.0, 14.2)	10.4 (7.6, 13.3)	14.2 (11.1, 17.3)	16.1 (13.2, 18.9)	11.2 (8.4, 14.1)	12.0* (4.4, 19.7)
	Excellent/Very Good/Good	83.6 (80.9, 86.2)	85.6 (83.4, 87.8)	83.5 (80.6, 86.4)	84.3 (81.6, 86.9)	89.1 (87.6, 90.6)	86.6 (80.1, 93.1)
25-39	Fair/Poor	16.4 (13.8, 19.1)	14.4 (12.2, 16.6)	16.5 (13.6, 19.4)	15.7 (13.1, 18.4)	10.9 (9.4, 12.4)	13.4 (6.9, 19.9)
	Excellent/Very Good/Good	74.5 (72.4, 76.6)	74.5 (71.8, 77.2)	76.8 (74.5, 79.2)	74.5 (72.5, 76.4)	82.9 (81.5, 84.2)	85.3 (81.3, 89.2)
	Fair/Poor	25.5 (23.4, 27.6)	25.5 (22.8, 28.2)	23.2 (20.8, 25.5)	25.6 (23.6, 27.5)	17.1 (15.8, 18.5)	14.7 (10.8, 18.7)
40-64	Excellent/Very Good/Good	71.0 (67.9, 74.0)	71.8 (67.8, 75.9)	75.9 (68.3, 83.6)	72.5 (69.7, 75.2)	81.9 (79.7, 84.0)	79.9 (74.2, 85.7)
	Fair/Poor	29.0 (26.0, 32.1)	28.2 (24.1, 32.2)	24.1 (16.4, 31.7)	27.5 (24.8, 30.3)	18.1 (16.0, 20.3)	20.1 (14.3, 25.8)
	Excellent/Very Good/Good	66.3 (60.7, 71.9)	71.2 (65.3, 77.1)	75.8 (64.8, 86.7)	66.2 (61.1, 71.3)	69.8 (65.9, 73.8)	75.7 (63.4, 88.0)
65-79	Fair/Poor	33.7 (28.1, 39.3)	28.8 (22.9, 34.7)	24.2 (13.3, 35.2)	33.8 (28.7, 38.9)	30.2 (26.2, 34.1)	24.3 (12.0, 36.6)
	Excellent/Very Good/Good	83.6 (80.9, 86.2)	85.6 (83.4, 87.8)	83.5 (80.6, 86.4)	84.3 (81.6, 86.9)	89.1 (87.6, 90.6)	86.6 (80.1, 93.1)
	Fair/Poor	16.4 (13.8, 19.1)	14.4 (12.2, 16.6)	16.5 (13.6, 19.4)	15.7 (13.1, 18.4)	10.9 (9.4, 12.4)	13.4 (6.9, 19.9)
80+	Excellent/Very Good/Good	74.5 (72.4, 76.6)	74.5 (71.8, 77.2)	76.8 (74.5, 79.2)	74.5 (72.5, 76.4)	82.9 (81.5, 84.2)	85.3 (81.3, 89.2)
	Fair/Poor	25.5 (23.4, 27.6)	25.5 (22.8, 28.2)	23.2 (20.8, 25.5)	25.6 (23.6, 27.5)	17.1 (15.8, 18.5)	14.7 (10.8, 18.7)
	Excellent/Very Good/Good	71.0 (67.9, 74.0)	71.8 (67.8, 75.9)	75.9 (68.3, 83.6)	72.5 (69.7, 75.2)	81.9 (79.7, 84.0)	79.9 (74.2, 85.7)
65-79	Fair/Poor	29.0 (26.0, 32.1)	28.2 (24.1, 32.2)	24.1 (16.4, 31.7)	27.5 (24.8, 30.3)	18.1 (16.0, 20.3)	20.1 (14.3, 25.8)
	Excellent/Very Good/Good	66.3 (60.7, 71.9)	71.2 (65.3, 77.1)	75.8 (64.8, 86.7)	66.2 (61.1, 71.3)	69.8 (65.9, 73.8)	75.7 (63.4, 88.0)
	Fair/Poor	33.7 (28.1, 39.3)	28.8 (22.9, 34.7)	24.2 (13.3, 35.2)	33.8 (28.7, 38.9)	30.2 (26.2, 34.1)	24.3 (12.0, 36.6)

Note. \* = statistically unstable.

Self-rated health status by race

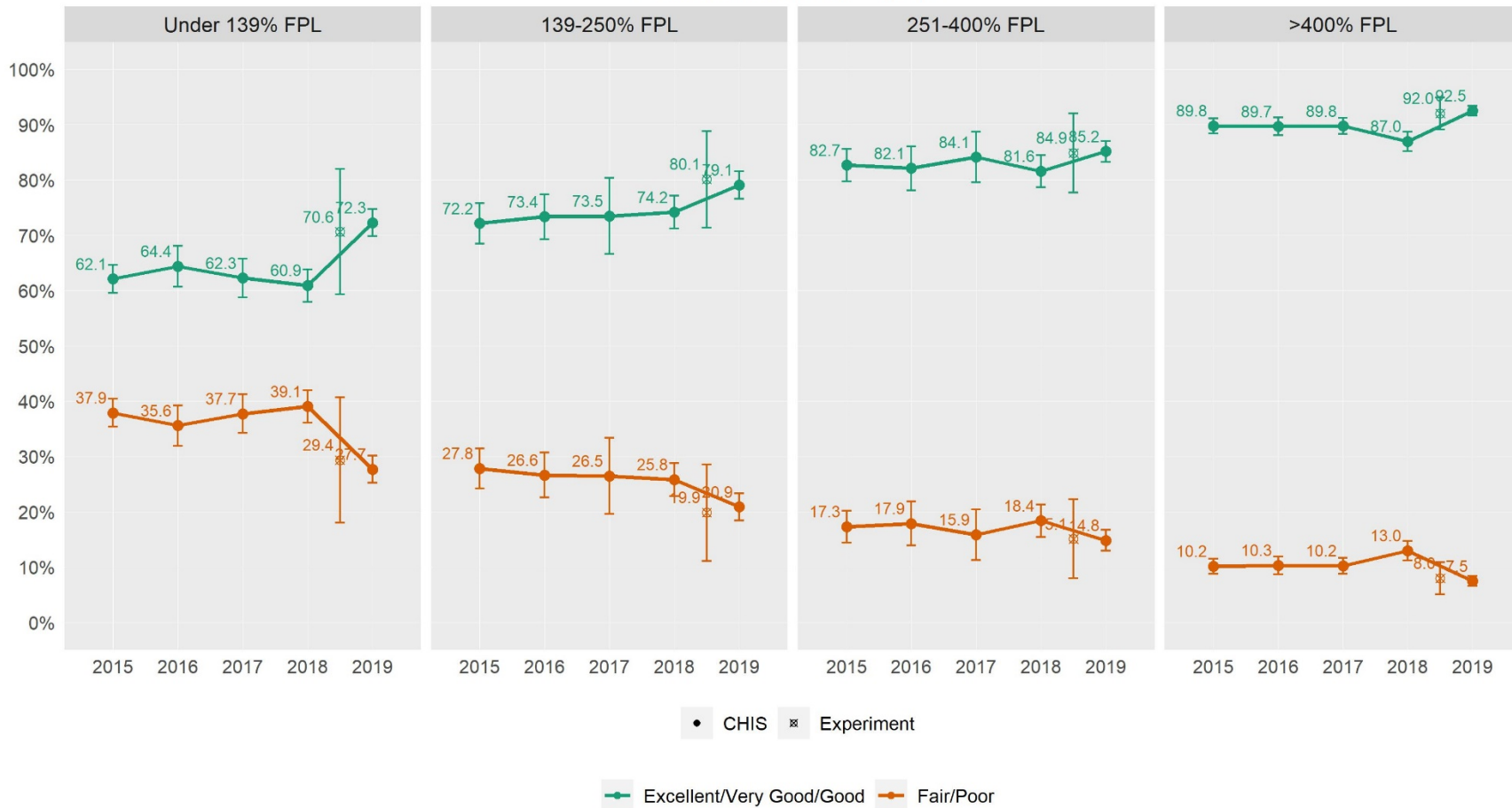


Race	Self-rated health	CHIS 2015	CHIS 2016	CHIS 2017	CHIS 2018	CHIS 2019	Web Experiment
African American	Excellent/ Very Good/Good	77.0 (72.1, 81.9)	77.5 (71.9, 83.0)	76.6 (67.1, 86.2)	75.5 (71.3, 79.7)	78.7 (74.6, 82.8)	94.4* (86.8, 100.0)
	Fair/Poor	23.0 (18.1, 27.9)	22.5 (17.0, 28.1)	23.4 (13.8, 32.9)	24.5 (20.3, 28.7)	21.3 (17.2, 25.4)	5.6* (0.0, 13.2)
Asian	Excellent/ Very Good/Good	81.2 (76.8, 85.6)	81.9 (77.7, 86.2)	85.5 (80.3, 90.7)	72.7 (68.2, 77.1)	85.0 (82.8, 87.3)	91.2 (86.2, 96.1)
	Fair/Poor	18.8 (14.4, 23.2)	18.1 (13.8, 22.3)	14.5 (9.3, 19.7)	27.3 (22.9, 31.8)	15.0 (12.7, 17.2)	8.8 (3.9, 13.8)
Latino	Excellent/ Very Good/Good	70 (66.9, 73.1)	69.9 (66.9, 73.0)	70.3 (67.9, 72.6)	72.9 (71.0, 74.9)	81.9 (79.7, 84.0)	77.9 (71.5, 84.2)
	Fair/Poor	30 (26.9, 33.1)	30.1 (27.0, 33.1)	29.7 (27.4, 32.1)	27.1 (25.1, 29.0)	18.1 (16.0, 20.3)	22.1 (15.8, 28.5)
Non-Latino White	Excellent/ Very Good/Good	83.7 (82.4, 85.0)	85.8 (84.5, 87.2)	86.1 (83.1, 89.2)	84.0 (82.5, 85.4)	88.0 (87.1, 89.0)	88.2 (85.3, 91.1)
	Fair/Poor	16.3 (15.0, 17.6)	14.2 (12.8, 15.5)	13.9 (10.8, 16.9)	16.0 (14.6, 17.5)	12.0 (11.0, 12.9)	11.8 (8.9, 14.7)
Other	Excellent/ Very Good/Good	79.0 (73.3, 84.7)	78.3 (72.3, 84.4)	79.3 (73.4, 85.2)	76.0 (68.4, 83.7)	80.4 (75.5, 85.2)	73.1* (48.7, 97.4)
	Fair/Poor	21.0 (15.3, 26.7)	21.7 (15.6, 27.7)	20.7 (14.8, 26.6)	24.0 (16.3, 31.6)	19.6 (14.8, 24.5)	26.9* (2.6, 51.3)

Note. \* = statistically unstable.



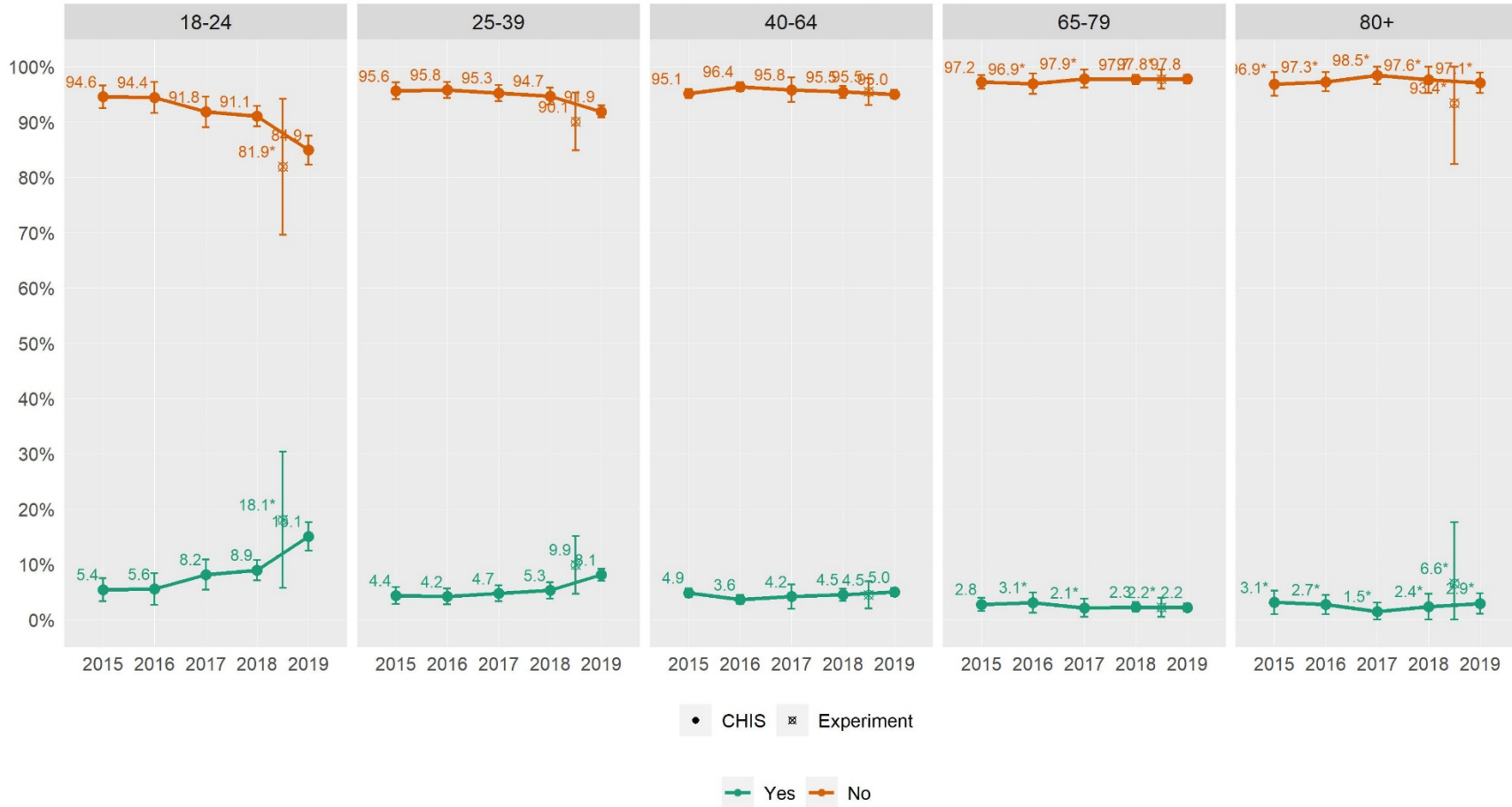
Self-rated health status by FPL



FPL	Self-rated health	CHIS 2015	CHIS 2016	CHIS 2017	CHIS 2018	CHIS 2019	Web Experiment
Under 139% FPL	Excellent/ Very Good/Good	62.1 (59.6, 64.6)	64.4 (60.7, 68.1)	62.3 (58.8, 65.8)	60.9 (58.0, 63.9)	72.3 (69.8, 74.8)	70.6 (59.3, 82.0)
	Fair/Poor	37.9 (35.4, 40.4)	35.6 (31.9, 39.3)	37.7 (34.2, 41.2)	39.1 (36.1, 42.0)	27.7 (25.2, 30.2)	29.4 (18.0, 40.7)
139-250% FPL	Excellent/ Very Good/Good	72.2 (68.5, 75.8)	73.4 (69.3, 77.4)	73.5 (66.6, 80.4)	74.2 (71.2, 77.1)	79.1 (76.6, 81.6)	80.1 (71.4, 88.9)
	Fair/Poor	27.8 (24.2, 31.5)	26.6 (22.6, 30.7)	26.5 (19.6, 33.4)	25.8 (22.9, 28.8)	20.9 (18.4, 23.4)	19.9 (11.1, 28.6)
251-400% FPL	Excellent/ Very Good/Good	82.7 (79.8, 85.6)	82.1 (78.1, 86.1)	84.1 (79.6, 88.7)	81.6 (78.7, 84.5)	85.2 (83.3, 87.1)	84.9 (77.7, 92.0)
	Fair/Poor	17.3 (14.4, 20.2)	17.9 (13.9, 21.9)	15.9 (11.3, 20.4)	18.4 (15.5, 21.3)	14.8 (12.9, 16.7)	15.1 (8.0, 22.3)
>400% FPL	Excellent/ Very Good/Good	89.8 (88.4, 91.2)	89.7 (88.1, 91.3)	89.8 (88.3, 91.2)	87.0 (85.2, 88.8)	92.5 (91.7, 93.4)	92.0 (89.1, 94.9)
	Fair/Poor	10.2 (8.8, 11.6)	10.3 (8.7, 11.9)	10.2 (8.8, 11.7)	13.0 (11.2, 14.8)	7.5 (6.6, 8.3)	8.0 (5.1, 10.9)

Serious distress in the past month

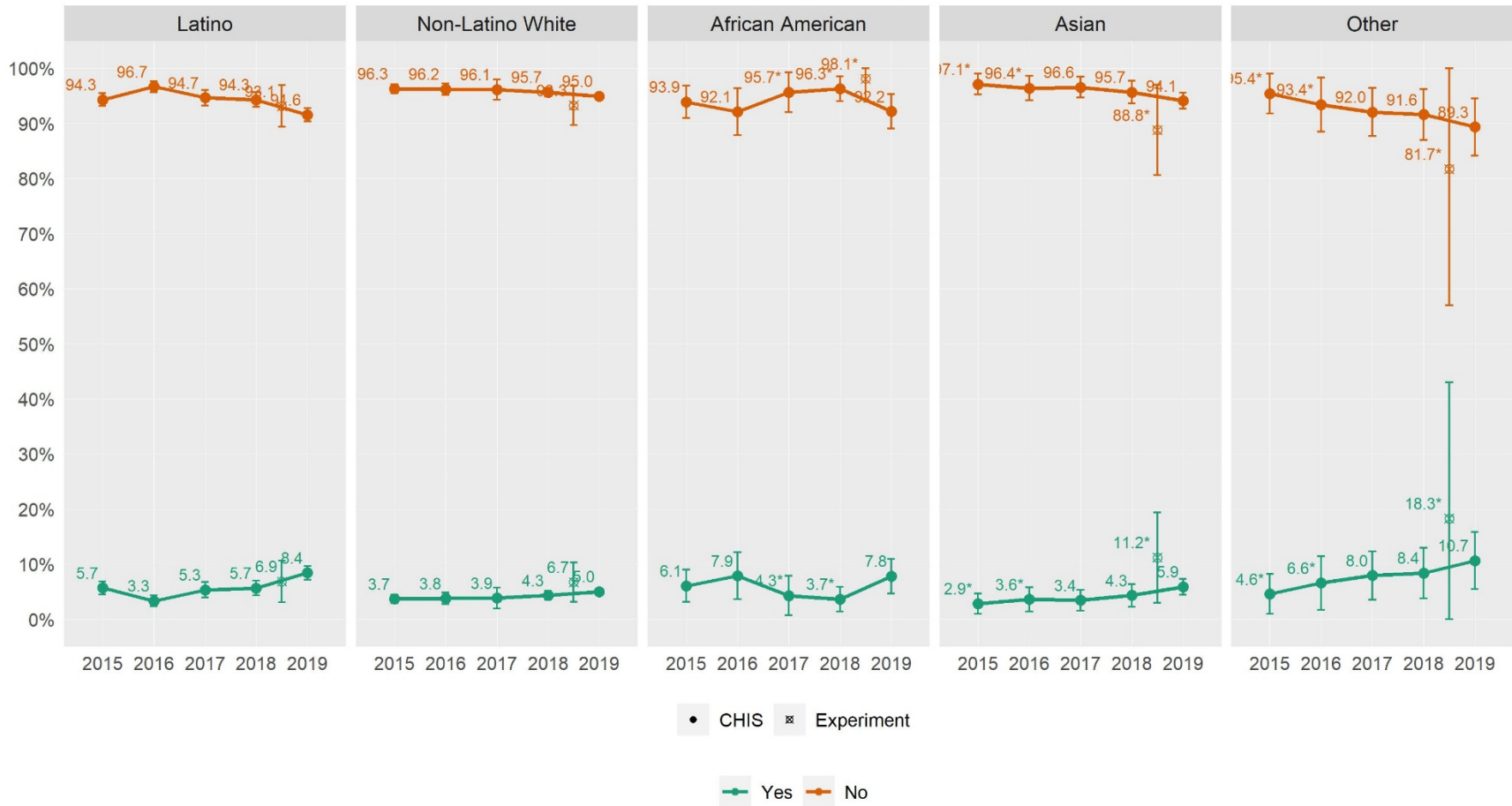
Serious distress in the past month by age



Age	Serious distress in past month	CHIS					Web
		2015	2016	2017	2018	2019	Experiment
18-24	No	94.6 (92.5, 96.7)	94.4 (91.6, 97.3)	91.8 (89.1, 94.6)	91.1 (89.2, 92.9)	84.9 (82.3, 87.5)	81.9* (69.6, 94.2)
	Yes	5.4 (3.3, 7.5)	5.6 (2.7, 8.4)	8.2 (5.4, 10.9)	8.9 (7.1, 10.8)	15.1 (12.5, 17.7)	18.1* (5.8, 30.4)
25-39	No	95.6 (94.1, 97.2)	95.8 (94.3, 97.3)	95.3 (93.8, 96.7)	94.7 (93.2, 96.2)	91.9 (90.8, 93.0)	90.1 (84.8, 95.3)
	Yes	4.4 (2.8, 5.9)	4.2 (2.7, 5.7)	4.7 (3.3, 6.2)	5.3 (3.8, 6.8)	8.1 (7.0, 9.2)	9.9 (4.7, 15.2)
40-64	No	95.1 (94.3, 95.9)	96.4 (95.6, 97.2)	95.8 (93.6, 98.0)	95.5 (94.4, 96.6)	95.0 (94.3, 95.8)	95.5 (93.1, 97.9)
	Yes	4.9 (4.1, 5.7)	3.6 (2.8, 4.4)	4.2 (2.0, 6.4)	4.5 (3.4, 5.6)	5.0 (4.2, 5.7)	4.5 (2.1, 6.9)
65-79	No	97.2 (96.0, 98.4)	96.9* (95.1, 98.8)	97.9* (96.2, 99.5)	97.7 (96.9, 98.6)	97.8 (97.0, 98.6)	97.8* (96.0, 99.5)
	Yes	2.8 (1.6, 4.0)	3.1* (1.2, 4.9)	2.1* (0.5, 3.8)	2.3 (1.4, 3.1)	2.2 (1.4, 3.0)	2.2* (0.5, 4.0)
80+	No	96.9* (94.7, 99.0)	97.3* (95.6, 99.0)	98.5* (96.9, 100.0)	97.6* (95.3, 100.0)	97.1* (95.2, 98.9)	93.4* (82.4, 100.0)
	Yes	3.1* (1.0, 5.3)	2.7* (1.0, 4.4)	1.5* (0.0, 3.1)	2.4* (0.0, 4.7)	2.9* (1.1, 4.8)	6.6* (0.0, 17.6)

Note. \* = statistically unstable.

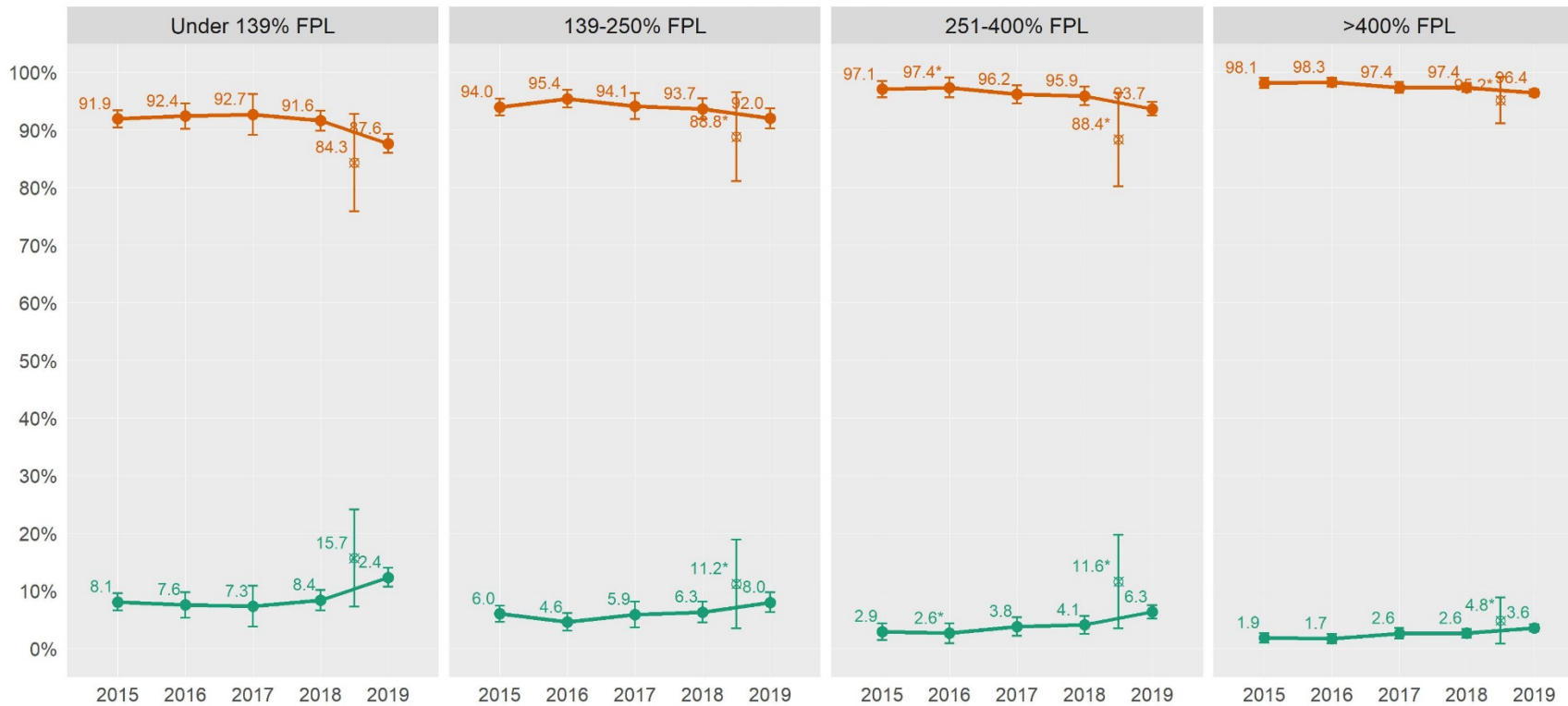
Serious distress in the past month by race



Race/ethnicity	Serious distress in past month	CHIS					Web
		2015	2016	2017	2018	2019	Experiment
African American	No	93.9 (91.0, 96.8)	92.1 (87.9, 96.4)	95.7* (92.1, 99.3)	96.3* (94.1, 98.6)	92.2 (89.1, 95.3)	98.1* (94.3, 100.0)
	Yes	6.1 (3.2, 9.0)	7.9 (3.6, 12.1)	4.3* (0.7, 7.9)	3.7* (1.4, 5.9)	7.8 (4.7, 10.9)	- -
Asian	No	97.1* (95.3, 99.0)	96.4* (94.2, 98.6)	96.6 (94.7, 98.5)	95.7 (93.6, 97.7)	94.1 (92.7, 95.6)	88.8* (80.6, 97.0)
	Yes	2.9* (1.0, 4.7)	3.6* (1.4, 5.8)	3.4 (1.5, 5.3)	4.3 (2.3, 6.4)	5.9 (4.4, 7.3)	11.2* (3.0, 19.4)
Latino	No	94.3 (93.1, 95.5)	96.7 (95.6, 97.7)	94.7 (93.3, 96.1)	94.3 (93.0, 95.7)	91.6 (90.4, 92.8)	93.1 (89.3, 96.9)
	Yes	5.7 (4.5, 6.9)	3.3 (2.3, 4.4)	5.3 (3.9, 6.7)	5.7 (4.3, 7.0)	8.4 (7.2, 9.6)	6.9 (3.1, 10.7)
Non-Latino White	No	96.3 (95.5, 97.1)	96.2 (95.2, 97.3)	96.1 (94.3, 98.0)	95.7 (94.8, 96.5)	95.0 (94.4, 95.5)	93.3 (89.7, 96.8)
	Yes	3.7 (2.9, 4.5)	3.8 (2.7, 4.8)	3.9 (2.0, 5.7)	4.3 (3.5, 5.2)	5.0 (4.5, 5.6)	6.7 (3.2, 10.3)
Other	No	95.4* (91.8, 99.0)	93.4* (88.5, 98.3)	92.0 (87.7, 96.4)	91.6 (87.0, 96.2)	89.3 (84.2, 94.5)	81.7* (57.0, 100.0)
	Yes	4.6* (1.0, 8.2)	6.6* (1.7, 11.5)	8.0 (3.6, 12.3)	8.4 (3.8, 13.0)	10.7 (5.5, 15.8)	18.3* (0.0, 43.0)

Note. \* = statistically unstable. – = suppressed due to small sample size.

### Serious distress in the past month by FPL



• CHIS    ✕ Experiment

— Yes    — No

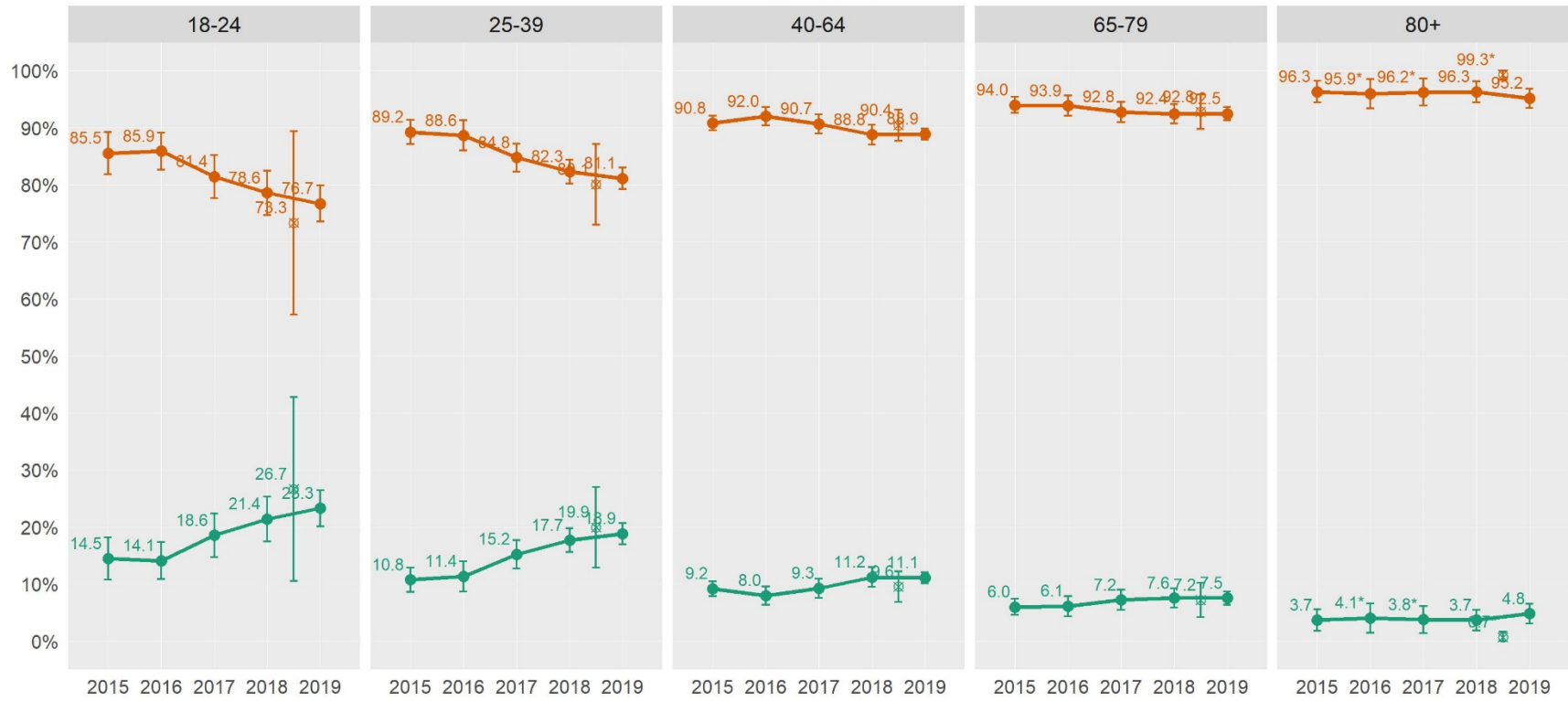
FPL	Serious distress in past month	CHIS 2015	CHIS 2016	CHIS 2017	CHIS 2018	CHIS 2019	Web Experiment
Under 139% FPL	No	91.9 (90.4, 93.4)	92.4 (90.2, 94.6)	92.7 (89.2, 96.2)	91.6 (89.8, 93.4)	87.6 (86.0, 89.3)	84.3 (75.9, 92.7)
	Yes	8.1 (6.6, 9.6)	7.6 (5.4, 9.8)	7.3 (3.8, 10.8)	8.4 (6.6, 10.2)	12.4 (10.7, 14.0)	15.7 (7.3, 24.1)
139-250% FPL	No	94.0 (92.6, 95.4)	95.4 (93.9, 96.9)	94.1 (91.9, 96.4)	93.7 (91.8, 95.5)	92.0 (90.3, 93.7)	88.8* (81.1, 96.5)
	Yes	6.0 (4.6, 7.4)	4.6 (3.1, 6.1)	5.9 (3.6, 8.1)	6.3 (4.5, 8.2)	8.0 (6.3, 9.7)	11.2* (3.5, 18.9)
251-400% FPL	No	97.1 (95.7, 98.5)	97.4* (95.6, 99.1)	96.2 (94.6, 97.8)	95.9 (94.3, 97.5)	93.7 (92.5, 94.8)	88.4* (80.3, 96.5)
	Yes	2.9 (1.5, 4.3)	2.6* (0.9, 4.4)	3.8 (2.2, 5.4)	4.1 (2.5, 5.7)	6.3 (5.2, 7.5)	11.6* (3.5, 19.7)
>400% FPL	No	98.1 (97.3, 99.0)	98.3 (97.5, 99.1)	97.4 (96.5, 98.3)	97.4 (96.6, 98.1)	96.4 (95.8, 97.0)	95.2* (91.2, 99.2)
	Yes	1.9 (1.0, 2.7)	1.7 (0.9, 2.5)	2.6 (1.7, 3.5)	2.6 (1.9, 3.4)	3.6 (3.0, 4.2)	4.8* (0.8, 8.8)

Note. \* = statistically unstable.



Suicide ideation

Suicide by age



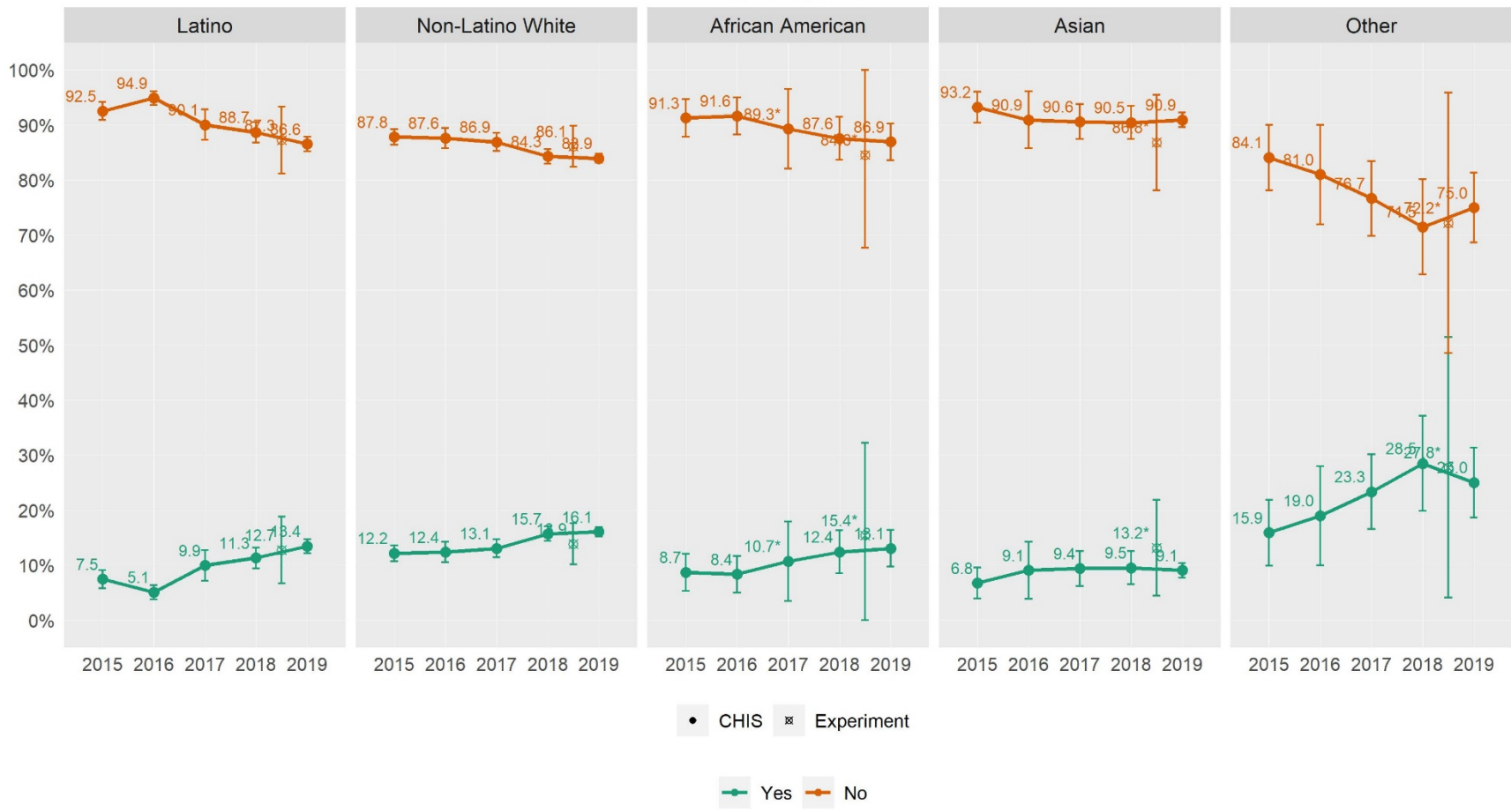
• CHIS    ✕ Experiment

— Yes    — No

Age	Thought about committing suicide ever	CHIS 2015	CHIS 2016	CHIS 2017	CHIS 2018	CHIS 2019	Web Experiment
18-24	No	85.5 (81.8, 89.2)	85.9 (82.6, 89.2)	81.4 (77.6, 85.2)	78.6 (74.7, 82.5)	76.7 (73.5, 79.9)	73.3 (57.3, 89.4)
	Yes	14.5 (10.8, 18.2)	14.1 (10.8, 17.4)	18.6 (14.8, 22.4)	21.4 (17.5, 25.3)	23.3 (20.1, 26.5)	26.7 (10.6, 42.7)
25-39	No	89.2 (87.1, 91.4)	88.6 (86.0, 91.3)	84.8 (82.3, 87.2)	82.3 (80.2, 84.4)	81.1 (79.3, 83.0)	80.1 (73.0, 87.1)
	Yes	10.8 (8.6, 12.9)	11.4 (8.7, 14.0)	15.2 (12.8, 17.7)	17.7 (15.6, 19.8)	18.9 (17.0, 20.7)	19.9 (12.9, 27.0)
40-64	No	90.8 (89.5, 92.1)	92.0 (90.4, 93.6)	90.7 (89.0, 92.4)	88.8 (87.0, 90.5)	88.9 (87.9, 89.9)	90.4 (87.7, 93.1)
	Yes	9.2 (7.9, 10.5)	8.0 (6.4, 9.6)	9.3 (7.6, 11.0)	11.2 (9.5, 13.0)	11.1 (10.1, 12.1)	9.6 (6.9, 12.3)
65-79	No	94.0 (92.6, 95.4)	93.9 (92.1, 95.6)	92.8 (91.0, 94.5)	92.4 (90.7, 94.1)	92.5 (91.3, 93.6)	92.8 (89.8, 95.8)
	Yes	6.0 (4.6, 7.4)	6.1 (4.4, 7.9)	7.2 (5.5, 9.0)	7.6 (5.9, 9.3)	7.5 (6.4, 8.7)	7.2 (4.2, 10.2)
80+	No	96.3 (94.5, 98.2)	95.9* (93.4, 98.5)	96.2* (93.9, 98.6)	96.3 (94.5, 98.1)	95.2 (93.5, 96.9)	99.3* (98.4, 100.0)
	Yes	3.7 (1.8, 5.5)	4.1* (1.5, 6.6)	3.8* (1.4, 6.1)	3.7 (1.9, 5.5)	4.8 (3.1, 6.5)	0.7* (0.0, 1.6)

Note. \* = statistically unstable.

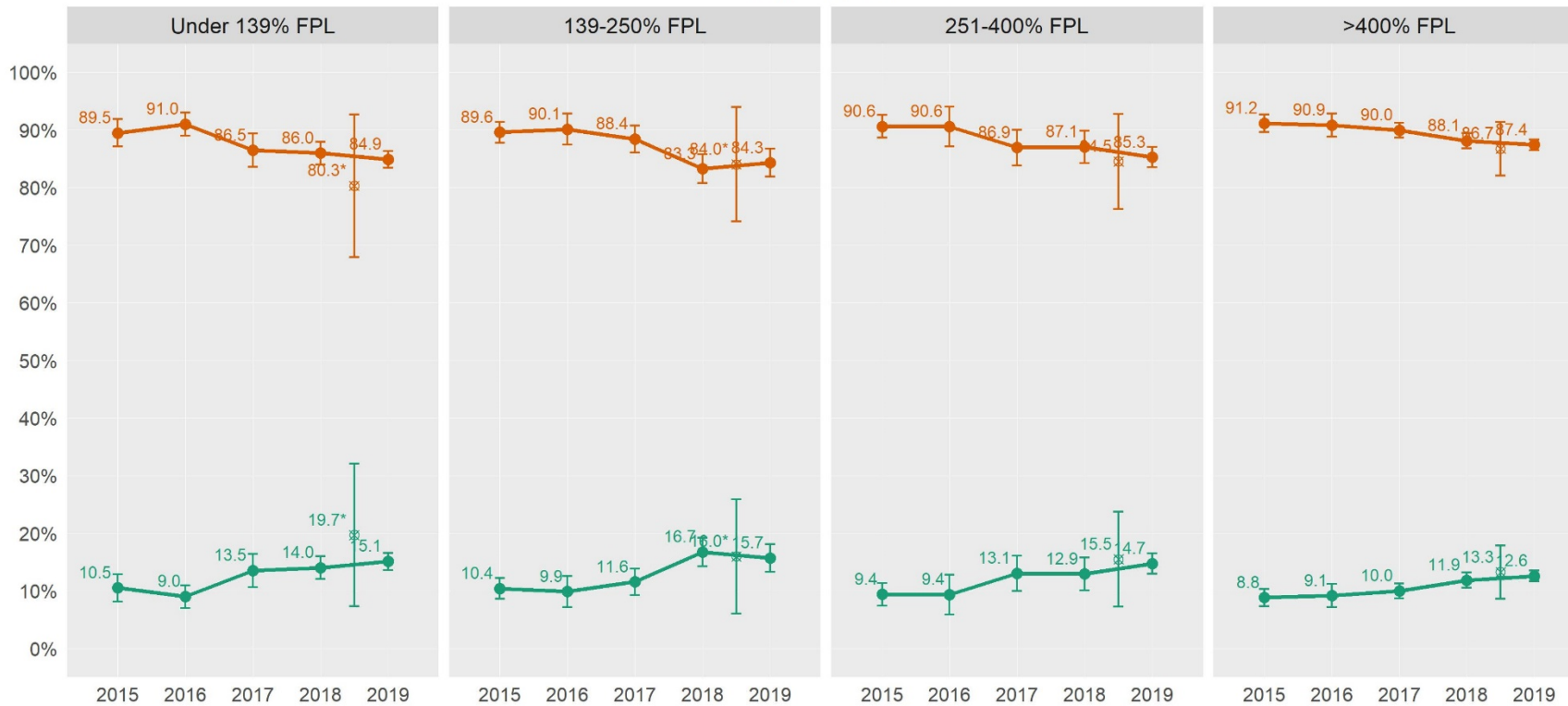
### Suicide by race



Race/ethnicity	Thought about committing suicide ever	CHIS 2015	CHIS 2016	CHIS 2017	CHIS 2018	CHIS 2019	Web Experiment
African American	No	91.3 (87.9, 94.7)	91.6 (88.3, 95.0)	89.3* (82.1, 96.5)	87.6 (83.7, 91.5)	86.9 (83.6, 90.3)	84.6* (67.7, 100.0)
	Yes	8.7 (5.3, 12.1)	8.4 (5.0, 11.7)	10.7* (3.5, 17.9)	12.4 (8.5, 16.3)	13.1 (9.7, 16.4)	15.4* (0.0, 32.3)
Asian	No	93.2 (90.4, 96.1)	90.9 (85.8, 96.1)	90.6 (87.4, 93.8)	90.5 (87.4, 93.5)	90.9 (89.6, 92.2)	86.8* (78.2, 95.5)
	Yes	6.8 (3.9, 9.6)	9.1 (3.9, 14.2)	9.4 (6.2, 12.6)	9.5 (6.5, 12.6)	9.1 (7.8, 10.4)	13.2* (4.5, 21.8)
Latino	No	92.5 (90.9, 94.2)	94.9 (93.6, 96.2)	90.1 (87.3, 92.8)	88.7 (86.8, 90.5)	86.6 (85.2, 87.9)	87.3 (81.2, 93.3)
	Yes	7.5 (5.8, 9.1)	5.1 (3.8, 6.4)	9.9 (7.2, 12.7)	11.3 (9.5, 13.2)	13.4 (12.1, 14.8)	12.7 (6.7, 18.8)
Non-Latino White	No	87.8 (86.4, 89.3)	87.6 (85.8, 89.5)	86.9 (85.3, 88.6)	84.3 (83.0, 85.6)	83.9 (83.1, 84.8)	86.1 (82.4, 89.8)
	Yes	12.2 (10.7, 13.6)	12.4 (10.5, 14.2)	13.1 (11.4, 14.7)	15.7 (14.4, 17.0)	16.1 (15.2, 16.9)	13.9 (10.2, 17.6)
Other	No	84.1 (78.1, 90.1)	81.0 (72.0, 90.0)	76.7 (69.9, 83.4)	71.5 (62.9, 80.1)	75.0 (68.6, 81.3)	72.2* (48.6, 95.9)
	Yes	15.9 (9.9, 21.9)	19.0 (10.0, 28.0)	23.3 (16.6, 30.1)	28.5 (19.9, 37.1)	25.0 (18.7, 31.4)	27.8* (4.1, 51.4)

Note. \* = statistically unstable.

### Suicide by FPL



• CHIS    ✕ Experiment

— Yes    — No

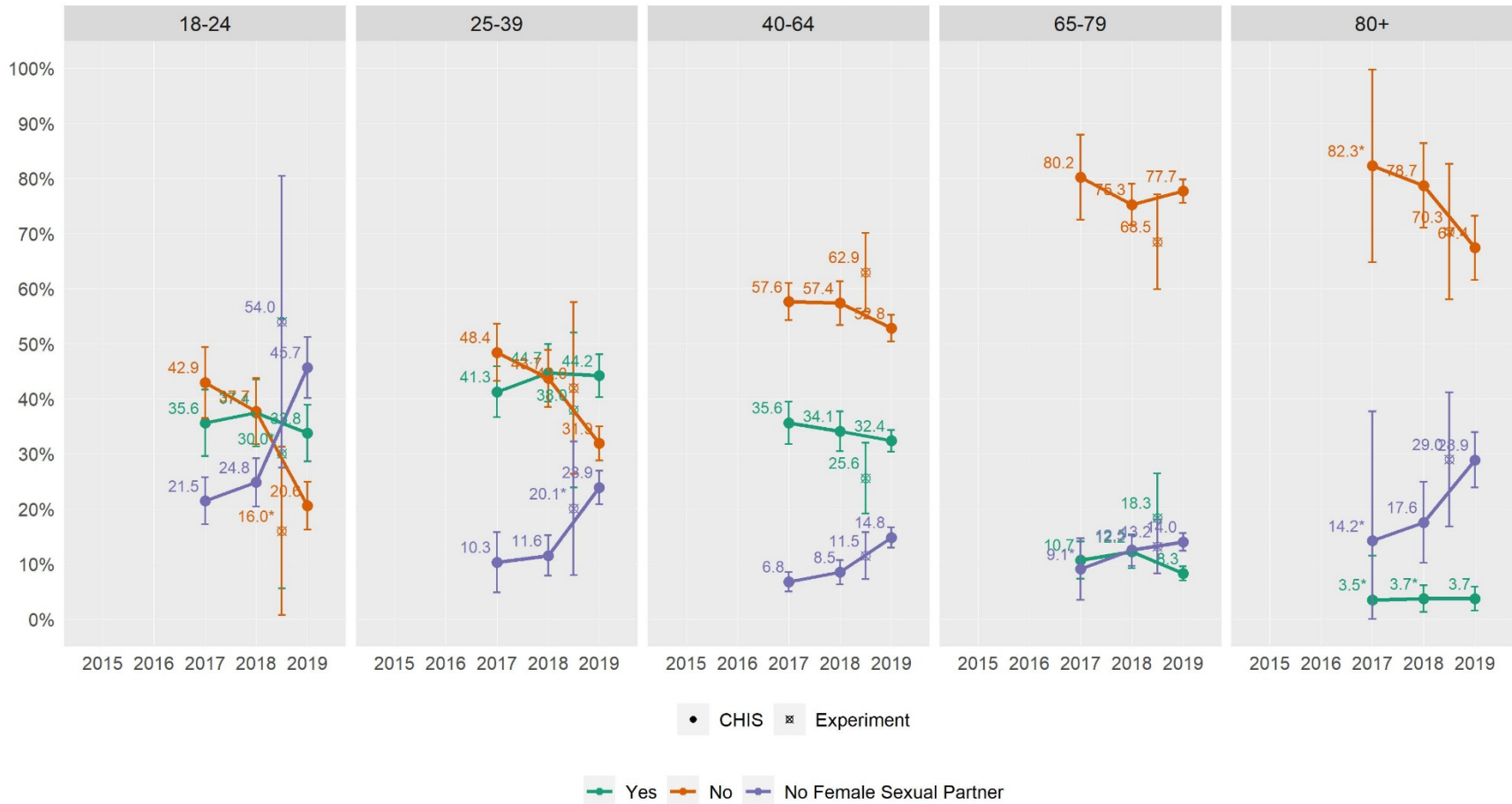
FPL	Thought about committing suicide ever	CHIS 2015	CHIS 2016	CHIS 2017	CHIS 2018	CHIS 2019	Web Experiment
Under 139% FPL	No	89.5 (87.1, 91.8)	91.0 (89.0, 93.0)	86.5 (83.6, 89.4)	86.0 (84.0, 87.9)	84.9 (83.4, 86.4)	80.3* (67.9, 92.7)
	Yes	10.5 (8.2, 12.9)	9.0 (7.0, 11.0)	13.5 (10.6, 16.4)	14.0 (12.1, 16.0)	15.1 (13.6, 16.6)	19.7* (7.3, 32.1)
139-250% FPL	No	89.6 (87.8, 91.4)	90.1 (87.4, 92.8)	88.4 (86.1, 90.8)	83.3 (80.8, 85.8)	84.3 (81.9, 86.7)	84.0* (74.1, 93.9)
	Yes	10.4 (8.6, 12.2)	9.9 (7.2, 12.6)	11.6 (9.2, 13.9)	16.7 (14.2, 19.2)	15.7 (13.3, 18.1)	16.0* (6.1, 25.9)
251-400% FPL	No	90.6 (88.6, 92.6)	90.6 (87.2, 94.1)	86.9 (83.9, 90.0)	87.1 (84.2, 89.9)	85.3 (83.5, 87.0)	84.5 (76.3, 92.7)
	Yes	9.4 (7.4, 11.4)	9.4 (5.9, 12.8)	13.1 (10.0, 16.1)	12.9 (10.1, 15.8)	14.7 (13.0, 16.5)	15.5 (7.3, 23.7)
>400% FPL	No	91.2 (89.7, 92.7)	90.9 (88.8, 92.9)	90.0 (88.7, 91.3)	88.1 (86.8, 89.5)	87.4 (86.5, 88.4)	86.7 (82.1, 91.4)
	Yes	8.8 (7.3, 10.3)	9.1 (7.1, 11.2)	10.0 (8.7, 11.3)	11.9 (10.5, 13.2)	12.6 (11.6, 13.5)	13.3 (8.6, 17.9)

Note. \* = statistically unstable.

## Health behavior

### Birth control (Male)

Birth control (Male) by age

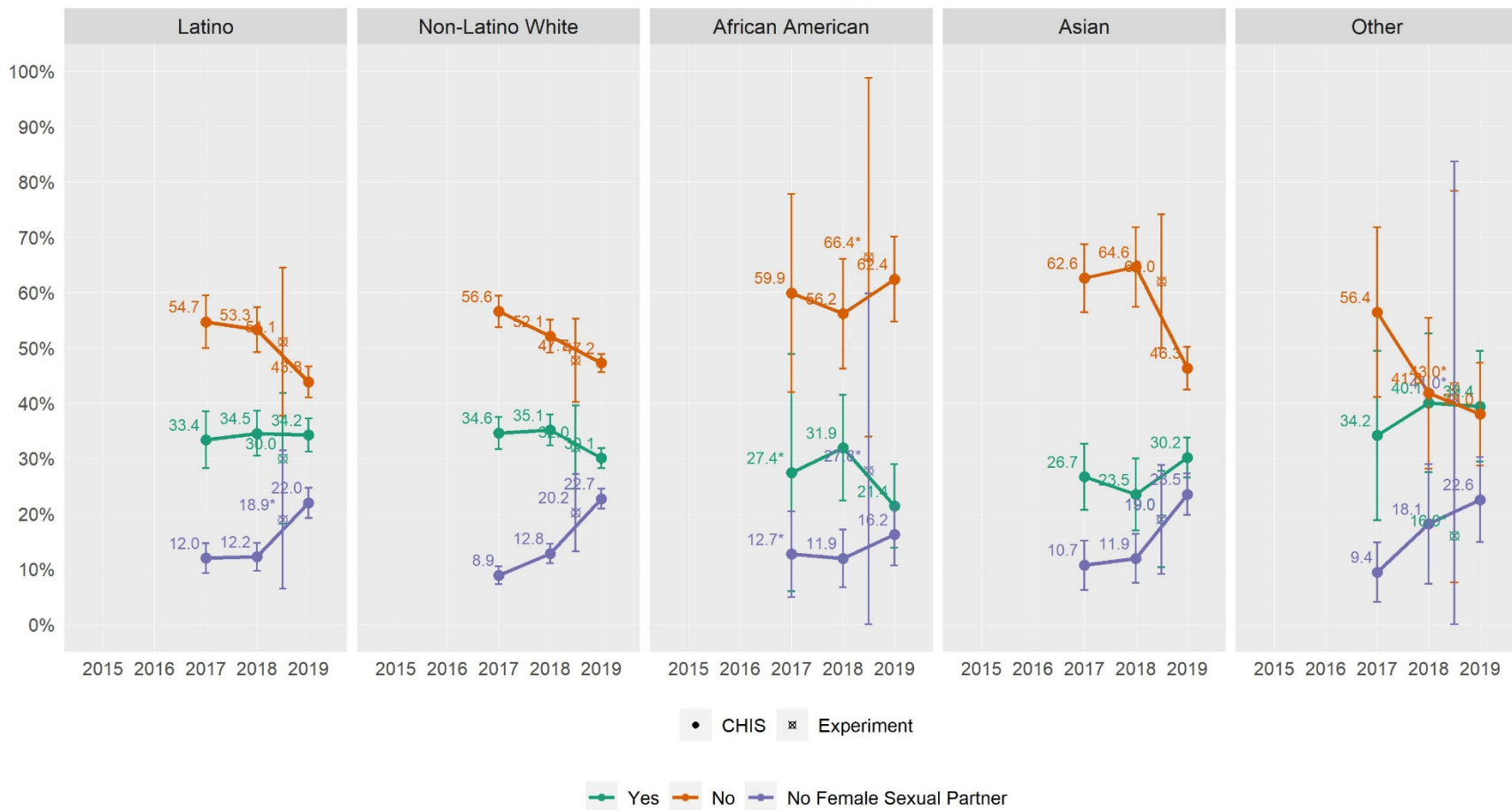


Age	Birth Control (Male)	CHIS 2017	CHIS 2018	CHIS 2019	Web Experiment
18-24	Yes	35.6 (29.6, 41.7)	37.4 (31.4, 43.5)	33.8 (28.6, 38.9)	30.0* (5.6, 54.5)
	No	42.9 (36.5, 49.4)	37.7 (31.8, 43.7)	20.6 (16.2, 24.9)	16.0* (0.7, 31.2)
	No Female Sexual Partner	21.5 (17.2, 25.7)	24.8 (20.5, 29.2)	45.7 (40.1, 51.2)	54.0 (27.5, 80.5)
25-39	Yes	41.3 (36.7, 45.9)	44.7 (39.5, 49.9)	44.2 (40.3, 48.1)	38.0 (23.9, 52.0)
	No	48.4 (43.2, 53.6)	43.7 (38.5, 48.9)	31.9 (28.8, 35.0)	42.0 (26.3, 57.6)
	No Female Sexual Partner	10.3 (4.9, 15.7)	11.6 (7.9, 15.2)	23.9 (20.9, 26.9)	20.1* (8.0, 32.2)
40-64	Yes	35.6 (31.7, 39.5)	34.1 (30.4, 37.7)	32.4 (30.4, 34.3)	25.6 (19.2, 32.0)
	No	57.6 (54.2, 61.0)	57.4 (53.4, 61.4)	52.8 (50.4, 55.2)	62.9 (55.8, 70.1)
	No Female Sexual Partner	6.8 (5.0, 8.5)	8.5 (6.3, 10.7)	14.8 (13.0, 16.7)	11.5 (7.2, 15.7)
65-79	Yes	10.7 (7.3, 14.1)	12.2 (9.2, 15.2)	8.3 (7.0, 9.6)	18.3 (10.2, 26.5)
	No	80.2 (72.5, 87.9)	75.3 (71.5, 79.0)	77.7 (75.6, 79.9)	68.5 (59.9, 77.1)
	No Female Sexual Partner	9.1* (3.5, 14.7)	12.5 (9.7, 15.4)	14.0 (12.4, 15.6)	13.2 (8.3, 18.1)
80+	Yes	3.5* (0.0, 11.5)	3.7* (1.3, 6.1)	3.7 (1.5, 5.9)	- -
	No	82.3* (64.8, 99.8)	78.7 (71.0, 86.4)	67.4 (61.6, 73.2)	70.3 (58.0, 82.6)
	No Female Sexual Partner	14.2* (0.0, 37.7)	17.6 (10.2, 24.9)	28.9 (23.9, 33.9)	29.0 (16.8, 41.2)

Note. \* = statistically unstable. – = suppressed due to small sample size.



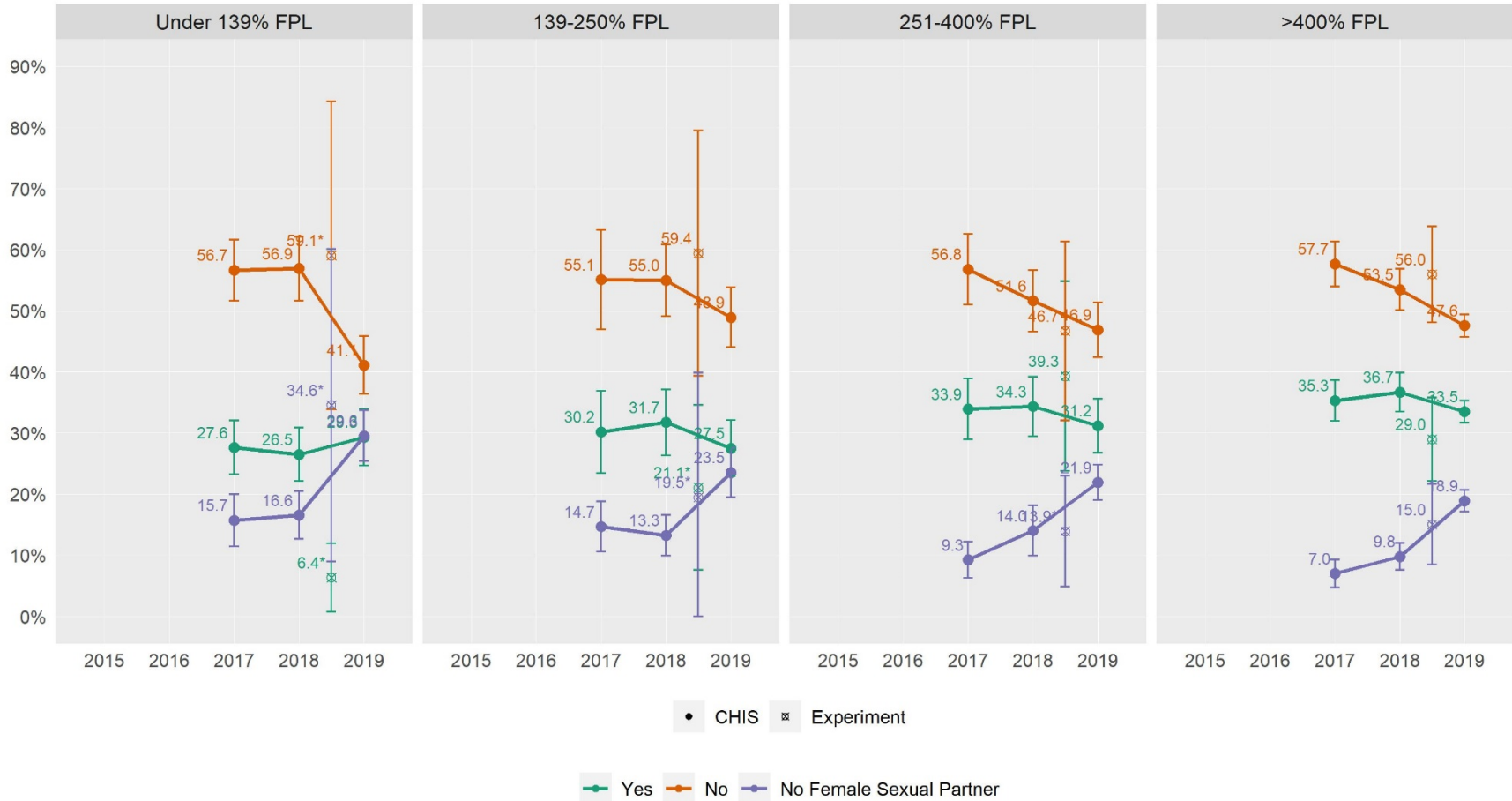
### Birth control (Male) by race



Race/ethnicity	Birth Control (Male)	CHIS 2017	CHIS 2018	CHIS 2019	Web Experiment
African American	Yes	27.4* (5.9, 48.9)	31.9 (22.3, 41.5)	21.4 (13.8, 29.0)	- -
	No	59.9 (42.0, 77.8)	56.2 (46.2, 66.1)	62.4 (54.7, 70.1)	66.4* (34.0, 98.8)
	No Female Sexual Partner	12.7* (5.0, 20.4)	11.9 (6.7, 17.1)	16.2 (10.6, 21.8)	27.8* (0.0, 59.8)
Asian	Yes	26.7 (20.7, 32.7)	23.5 (16.9, 30.0)	30.2 (26.6, 33.8)	19.0 (10.3, 27.8)
	No	62.6 (56.5, 68.8)	64.6 (57.4, 71.8)	46.3 (42.4, 50.2)	62.0 (49.9, 74.1)
	No Female Sexual Partner	10.7 (6.2, 15.2)	11.9 (7.5, 16.3)	23.5 (19.8, 27.3)	19.0 (9.1, 28.8)
Latino	Yes	33.4 (28.2, 38.5)	34.5 (30.5, 38.6)	34.2 (31.2, 37.3)	30.0 (18.2, 41.8)
	No	54.7 (49.9, 59.5)	53.3 (49.2, 57.4)	43.8 (41.0, 46.7)	51.1 (37.7, 64.5)
	No Female Sexual Partner	12.0 (9.3, 14.6)	12.2 (9.7, 14.7)	22.0 (19.2, 24.7)	18.9* (6.4, 31.4)
Non-Latino White	Yes	34.6 (31.6, 37.5)	35.1 (32.3, 37.9)	30.1 (28.2, 31.9)	32.0 (24.5, 39.6)
	No	56.6 (53.7, 59.4)	52.1 (49.1, 55.1)	47.2 (45.6, 48.9)	47.7 (40.2, 55.2)
	No Female Sexual Partner	8.9 (7.3, 10.4)	12.8 (11.0, 14.6)	22.7 (20.9, 24.5)	20.2 (13.2, 27.2)
Other	Yes	34.2 (18.8, 49.5)	40.1 (27.5, 52.6)	39.4 (29.4, 49.5)	16.0* (0.0, 39.6)
	No	56.4 (41.1, 71.8)	41.8 (28.2, 55.4)	38.0 (28.7, 47.3)	43.0* (7.6, 78.4)
	No Female Sexual Partner	9.4 (4.1, 14.8)	18.1 (7.4, 28.9)	22.6 (14.9, 30.2)	41.0* (0.0, 83.7)

Note. \* = statistically unstable. -- = suppressed due to small sample size.

Birth control (Male) by FPL

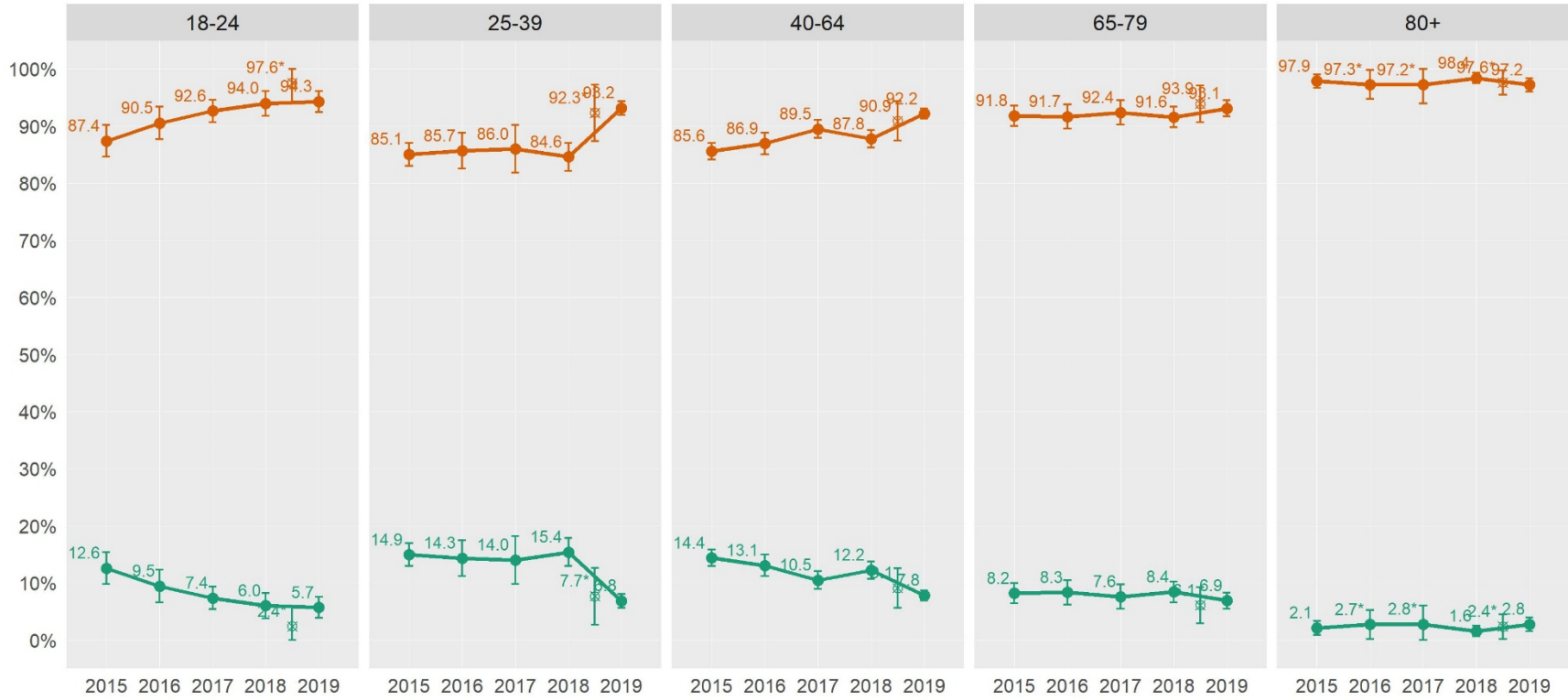


FPL	Birth Control (Male)	CHIS 2017	CHIS 2018	CHIS 2019	Web Experiment
Under 139% FPL	Yes	27.6 (23.2, 32.0)	26.5 (22.2, 30.9)	29.3 (24.7, 33.9)	6.4* (0.8, 12.0)
	No	56.7 (51.7, 61.6)	56.9 (51.7, 62.1)	41.1 (36.4, 45.9)	59.1* (33.9, 84.3)
	No Female Sexual Partner	15.7 (11.4, 20.0)	16.6 (12.6, 20.5)	29.6 (25.4, 33.7)	34.6* (9.0, 60.2)
139-250% FPL	Yes	30.2 (23.5, 36.9)	31.7 (26.3, 37.2)	27.5 (22.9, 32.1)	21.1* (7.6, 34.6)
	No	55.1 (47.0, 63.2)	55.0 (49.1, 60.9)	48.9 (44.1, 53.8)	59.4 (39.3, 79.5)
	No Female Sexual Partner	14.7 (10.6, 18.8)	13.3 (9.9, 16.6)	23.5 (19.5, 27.6)	19.5* (0.0, 39.9)
251-400% FPL	Yes	33.9 (28.9, 38.9)	34.3 (29.4, 39.2)	31.2 (26.8, 35.6)	39.3 (23.8, 54.9)
	No	56.8 (51.0, 62.6)	51.6 (46.6, 56.6)	46.9 (42.4, 51.4)	46.7 (32.1, 61.4)
	No Female Sexual Partner	9.3 (6.3, 12.2)	14.0 (9.9, 18.2)	21.9 (19.0, 24.8)	13.9* (4.9, 23.0)
>400% FPL	Yes	35.3 (32.0, 38.6)	36.7 (33.5, 39.9)	33.5 (31.7, 35.3)	29.0 (22.2, 35.8)
	No	57.7 (54.0, 61.4)	53.5 (50.1, 56.8)	47.6 (45.7, 49.4)	56.0 (48.1, 63.8)
	No Female Sexual Partner	7.0 (4.8, 9.3)	9.8 (7.6, 12.0)	18.9 (17.2, 20.7)	15.0 (8.5, 21.6)

Note. \* = statistically unstable.

Current smoker

Current smoker by age



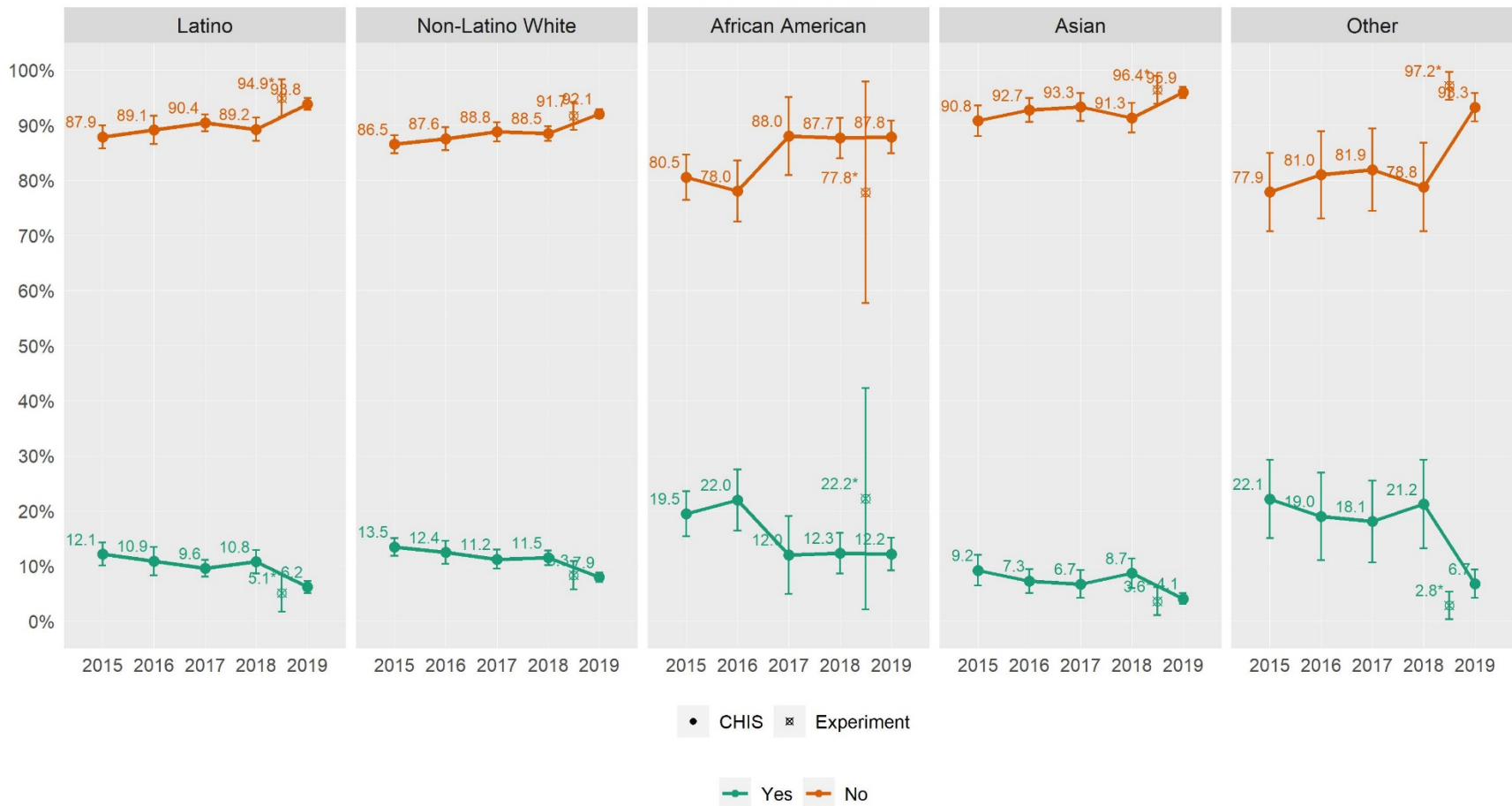
• CHIS    ✕ Experiment

— Yes    — No

Age	Current smoker	CHIS 2015	CHIS 2016	CHIS 2017	CHIS 2018	CHIS 2019	Web Experiment
18-24	No	87.4 (84.6, 90.2)	90.5 (87.7, 93.4)	92.6 (90.7, 94.6)	94.0 (91.8, 96.2)	94.3 (92.5, 96.1)	97.6* (94.1, 100.0)
	Yes	12.6 (9.8, 15.4)	9.5 (6.6, 12.3)	7.4 (5.4, 9.3)	6.0 (3.8, 8.2)	5.7 (3.9, 7.5)	2.4* (0.0, 5.9)
25-39	No	85.1 (83.1, 87.1)	85.7 (82.5, 88.8)	86.0 (81.8, 90.2)	84.6 (82.2, 87.1)	93.2 (91.9, 94.4)	92.3* (87.4, 97.3)
	Yes	14.9 (12.9, 16.9)	14.3 (11.2, 17.5)	14.0 (9.8, 18.2)	15.4 (12.9, 17.8)	6.8 (5.6, 8.1)	7.7* (2.7, 12.6)
40-64	No	85.6 (84.2, 87.1)	86.9 (85.1, 88.8)	89.5 (87.9, 91.1)	87.8 (86.3, 89.3)	92.2 (91.3, 93.1)	90.9 (87.5, 94.3)
	Yes	14.4 (12.9, 15.8)	13.1 (11.2, 14.9)	10.5 (8.9, 12.1)	12.2 (10.7, 13.7)	7.8 (6.9, 8.7)	9.1 (5.7, 12.5)
65-79	No	91.8 (90.0, 93.6)	91.7 (89.5, 93.8)	92.4 (90.3, 94.5)	91.6 (89.8, 93.4)	93.1 (91.7, 94.5)	93.9 (90.7, 97.1)
	Yes	8.2 (6.4, 10.0)	8.3 (6.2, 10.5)	7.6 (5.5, 9.7)	8.4 (6.6, 10.2)	6.9 (5.5, 8.3)	6.1 (2.9, 9.3)
80+	No	97.9 (96.7, 99.1)	97.3* (94.7, 99.8)	97.2* (94.0, 100.0)	98.4 (97.5, 99.3)	97.2 (96.0, 98.4)	97.6* (95.5, 99.8)
	Yes	2.1 (0.9, 3.3)	2.7* (0.2, 5.3)	2.8* (0.0, 6.0)	1.6 (0.7, 2.5)	2.8 (1.6, 4.0)	2.4* (0.2, 4.5)

Note. \* = statistically unstable.

Current smoker by race

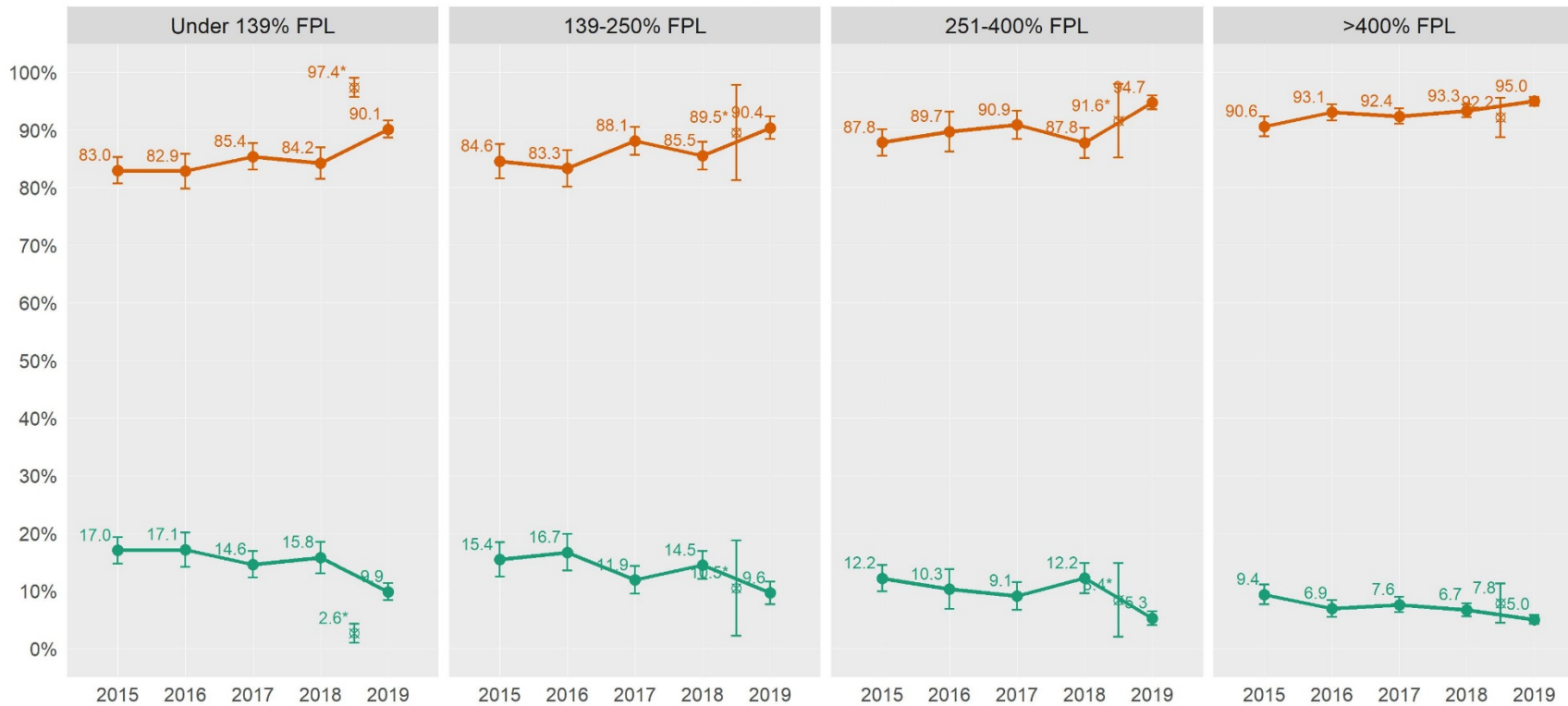


Race/ethnicity	Current smoker	CHIS 2015	CHIS 2016	CHIS 2017	CHIS 2018	CHIS 2019	Web Experiment
African American	No	80.5 (76.4, 84.7)	78.0 (72.5, 83.6)	88.0 (80.9, 95.1)	87.7 (84.0, 91.4)	87.8 (84.9, 90.8)	77.8* (57.7, 97.9)
	Yes	19.5 (15.3, 23.6)	22.0 (16.4, 27.5)	12.0 (4.9, 19.1)	12.3 (8.6, 16.0)	12.2 (9.2, 15.1)	22.2* (2.1, 42.3)
Asian	No	90.8 (88.0, 93.6)	92.7 (90.6, 94.9)	93.3 (90.7, 95.8)	91.3 (88.6, 94.0)	95.9 (94.9, 97.0)	96.4* (93.9, 98.9)
	Yes	9.2 (6.4, 12.0)	7.3 (5.1, 9.4)	6.7 (4.2, 9.3)	8.7 (6.0, 11.4)	4.1 (3.0, 5.1)	3.6* (1.1, 6.1)
Latino	No	87.9 (85.8, 89.9)	89.1 (86.5, 91.7)	90.4 (88.9, 92.0)	89.2 (87.1, 91.4)	93.8 (92.7, 94.9)	94.9* (91.6, 98.3)
	Yes	12.1 (10.1, 14.2)	10.9 (8.3, 13.5)	9.6 (8.0, 11.1)	10.8 (8.6, 12.9)	6.2 (5.1, 7.3)	5.1* (1.7, 8.4)
Non-Latino White	No	86.5 (84.9, 88.2)	87.6 (85.5, 89.6)	88.8 (87.0, 90.5)	88.5 (87.2, 89.8)	92.1 (91.2, 92.9)	91.7 (89.1, 94.2)
	Yes	13.5 (11.8, 15.1)	12.4 (10.4, 14.5)	11.2 (9.5, 13.0)	11.5 (10.2, 12.8)	7.9 (7.1, 8.8)	8.3 (5.8, 10.9)
Other	No	77.9 (70.8, 85.0)	81.0 (73.1, 88.9)	81.9 (74.5, 89.4)	78.8 (70.7, 86.8)	93.3 (90.7, 95.8)	97.2* (94.6, 99.7)
	Yes	22.1 (15.0, 29.2)	19.0 (11.1, 26.9)	18.1 (10.6, 25.5)	21.2 (13.2, 29.3)	6.7 (4.2, 9.3)	2.8* (0.3, 5.4)

Note. \* = statistically unstable.



### Current smoker by FPL



• CHIS    ✕ Experiment

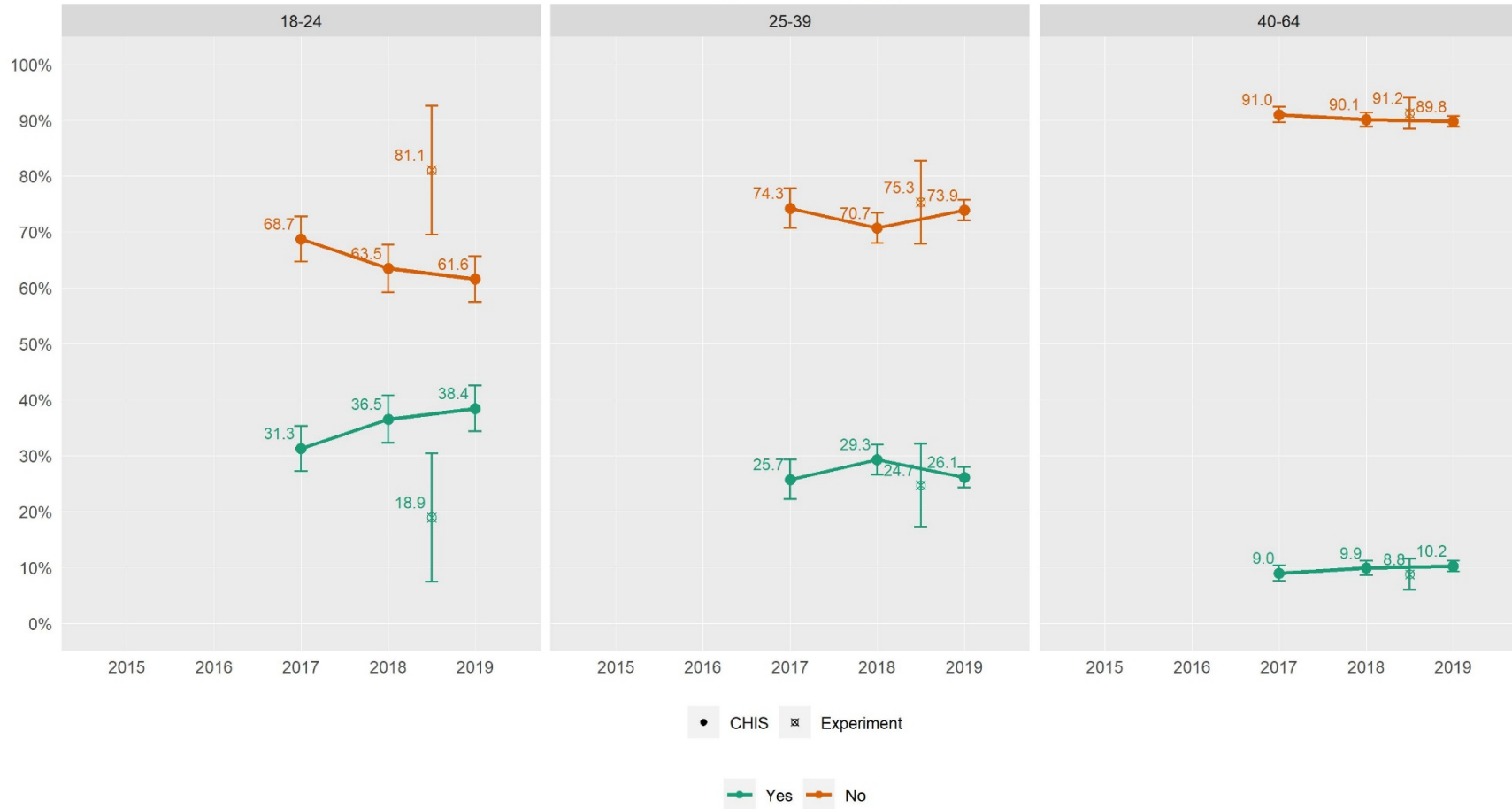
— Yes    — No

FPL	Current smoker	CHIS 2015	CHIS 2016	CHIS 2017	CHIS 2018	CHIS 2019	Web Experiment
Under 139% FPL	No	83.0 (80.7, 85.3)	82.9 (79.9, 85.9)	85.4 (83.1, 87.7)	84.2 (81.5, 87.0)	90.1 (88.6, 91.6)	97.4* (95.7, 99.0)
	Yes	17.0 (14.7, 19.3)	17.1 (14.1, 20.1)	14.6 (12.3, 16.9)	15.8 (13.0, 18.5)	9.9 (8.4, 11.4)	2.6* (1.0, 4.3)
139-250% FPL	No	84.6 (81.6, 87.5)	83.3 (80.1, 86.5)	88.1 (85.7, 90.5)	85.5 (83.1, 87.9)	90.4 (88.6, 92.3)	89.5* (81.3, 97.8)
	Yes	15.4 (12.5, 18.4)	16.7 (13.5, 19.9)	11.9 (9.5, 14.3)	14.5 (12.1, 16.9)	9.6 (7.7, 11.4)	10.5* (2.2, 18.7)
251-400% FPL	No	87.8 (85.5, 90.1)	89.7 (86.3, 93.2)	90.9 (88.5, 93.3)	87.8 (85.2, 90.4)	94.7 (93.5, 95.9)	91.6* (85.2, 97.9)
	Yes	12.2 (9.9, 14.5)	10.3 (6.8, 13.7)	9.1 (6.7, 11.5)	12.2 (9.6, 14.8)	5.3 (4.1, 6.5)	8.4* (2.1, 14.8)
>400% FPL	No	90.6 (88.9, 92.3)	93.1 (91.6, 94.5)	92.4 (91.1, 93.7)	93.3 (92.2, 94.4)	94.9 (94.2, 95.7)	92.2 (88.7, 95.6)
	Yes	9.4 (7.7, 11.1)	6.9 (5.5, 8.4)	7.6 (6.3, 8.9)	6.7 (5.6, 7.8)	5.1 (4.3, 5.8)	7.8 (4.4, 11.3)

Note. \* = statistically unstable.

E-cigarette use ever

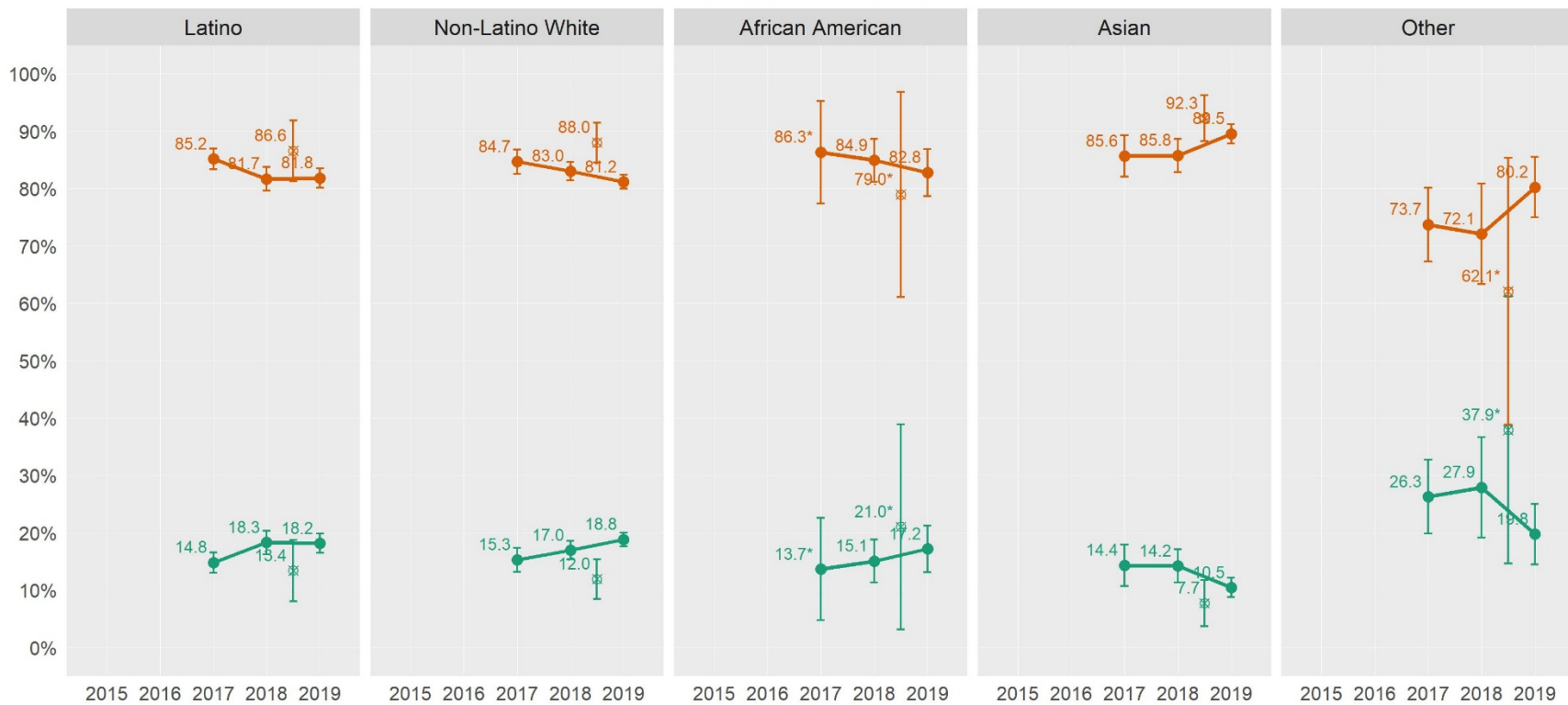
E-cigarette use by age



Age	E-cigarette use ever	CHIS 2017	CHIS 2018	CHIS 2019	Web Experiment
18-24	No	68.7 (64.7, 72.8)	63.5 (59.2, 67.7)	61.6 (57.5, 65.7)	81.1* (69.6, 92.6)
	Yes	31.3 (27.2, 35.3)	36.5 (32.3, 40.8)	38.4 (34.3, 42.5)	18.9* (7.4, 30.4)
25-39	No	74.3 (70.7, 77.8)	70.7 (68.0, 73.4)	73.9 (72.1, 75.7)	75.3 (67.9, 82.7)
	Yes	25.7 (22.2, 29.3)	29.3 (26.6, 32.0)	26.1 (24.3, 27.9)	24.7 (17.3, 32.1)
40-64	No	91.0 (89.6, 92.4)	90.1 (88.8, 91.4)	89.8 (88.8, 90.7)	91.2 (88.5, 94.0)
	Yes	9.0 (7.6, 10.4)	9.9 (8.6, 11.2)	10.2 (9.3, 11.2)	8.8 (6.0, 11.5)

Note. \* = statistically unstable.

### E-cigarette use by race



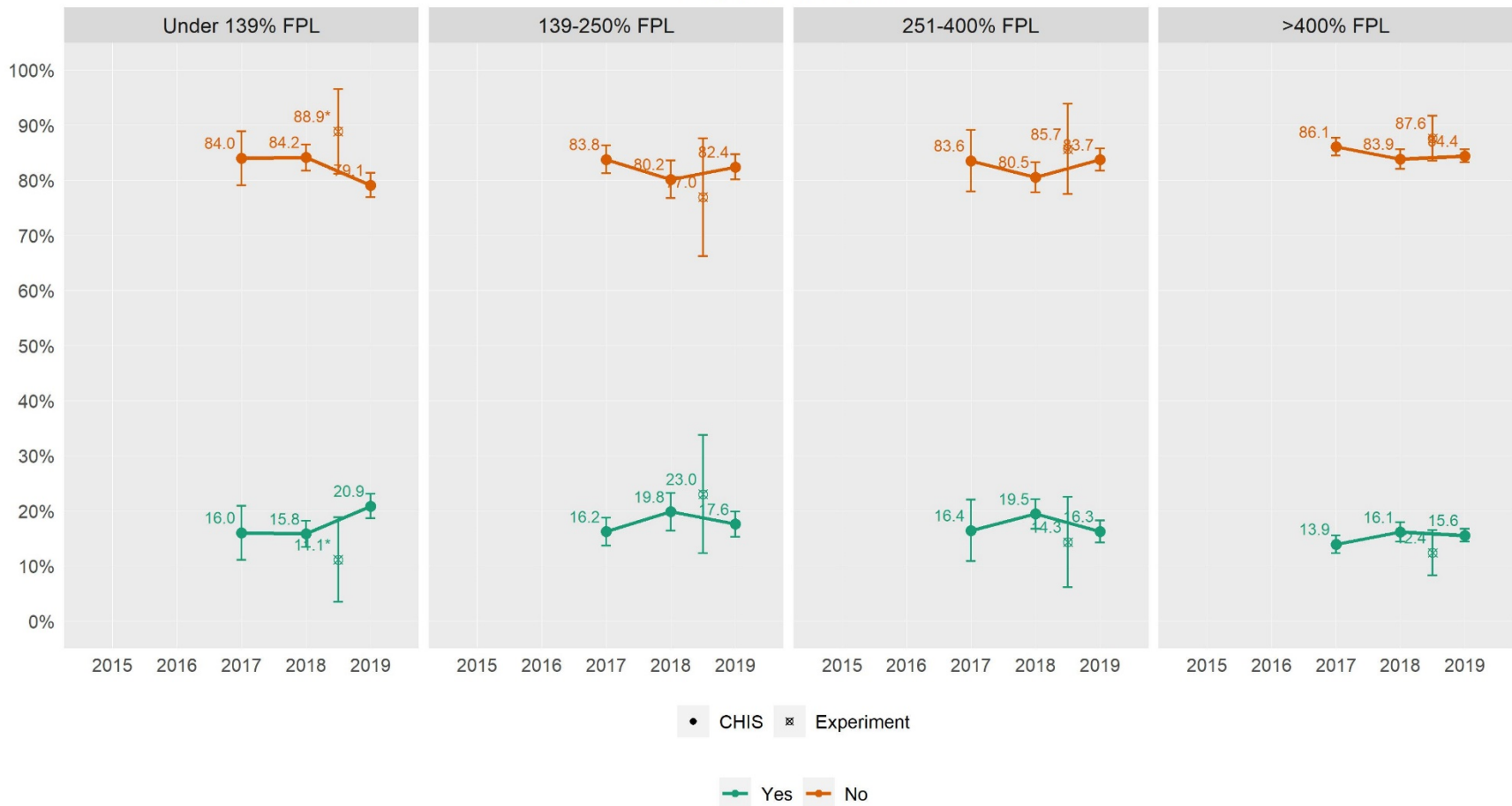
• CHIS    ⊠ Experiment

— Yes    — No

Race/ethnicity	E-cigarette use ever	CHIS 2017	CHIS 2018	CHIS 2019	Web Experiment
African American	No	86.3* (77.4, 95.3)	84.9 (81.2, 88.7)	82.8 (78.7, 86.9)	79.0* (61.1, 96.8)
	Yes	13.7* (4.7, 22.6)	15.1 (11.3, 18.8)	17.2 (13.1, 21.3)	21.0* (3.2, 38.9)
Asian	No	85.6 (82.0, 89.3)	85.8 (82.9, 88.7)	89.5 (87.8, 91.3)	92.3 (88.2, 96.3)
	Yes	14.4 (10.7, 18.0)	14.2 (11.3, 17.1)	10.5 (8.7, 12.2)	7.7 (3.7, 11.8)
Latino	No	85.2 (83.4, 87.0)	81.7 (79.6, 83.7)	81.8 (80.1, 83.5)	86.6 (81.3, 91.9)
	Yes	14.8 (13.0, 16.6)	18.3 (16.3, 20.4)	18.2 (16.5, 19.9)	13.4 (8.1, 18.7)
Non-Latino White	No	84.7 (82.6, 86.8)	83.0 (81.4, 84.7)	81.2 (80.0, 82.4)	88.0 (84.6, 91.5)
	Yes	15.3 (13.2, 17.4)	17.0 (15.3, 18.6)	18.8 (17.6, 20.0)	12.0 (8.5, 15.4)
Other	No	73.7 (67.3, 80.1)	72.1 (63.3, 80.9)	80.2 (75.0, 85.5)	62.1* (38.8, 85.3)
	Yes	26.3 (19.9, 32.7)	27.9 (19.1, 36.7)	19.8 (14.5, 25.0)	37.9* (14.7, 61.2)

Note. \* = statistically unstable.

### E-cigarette use by FPL



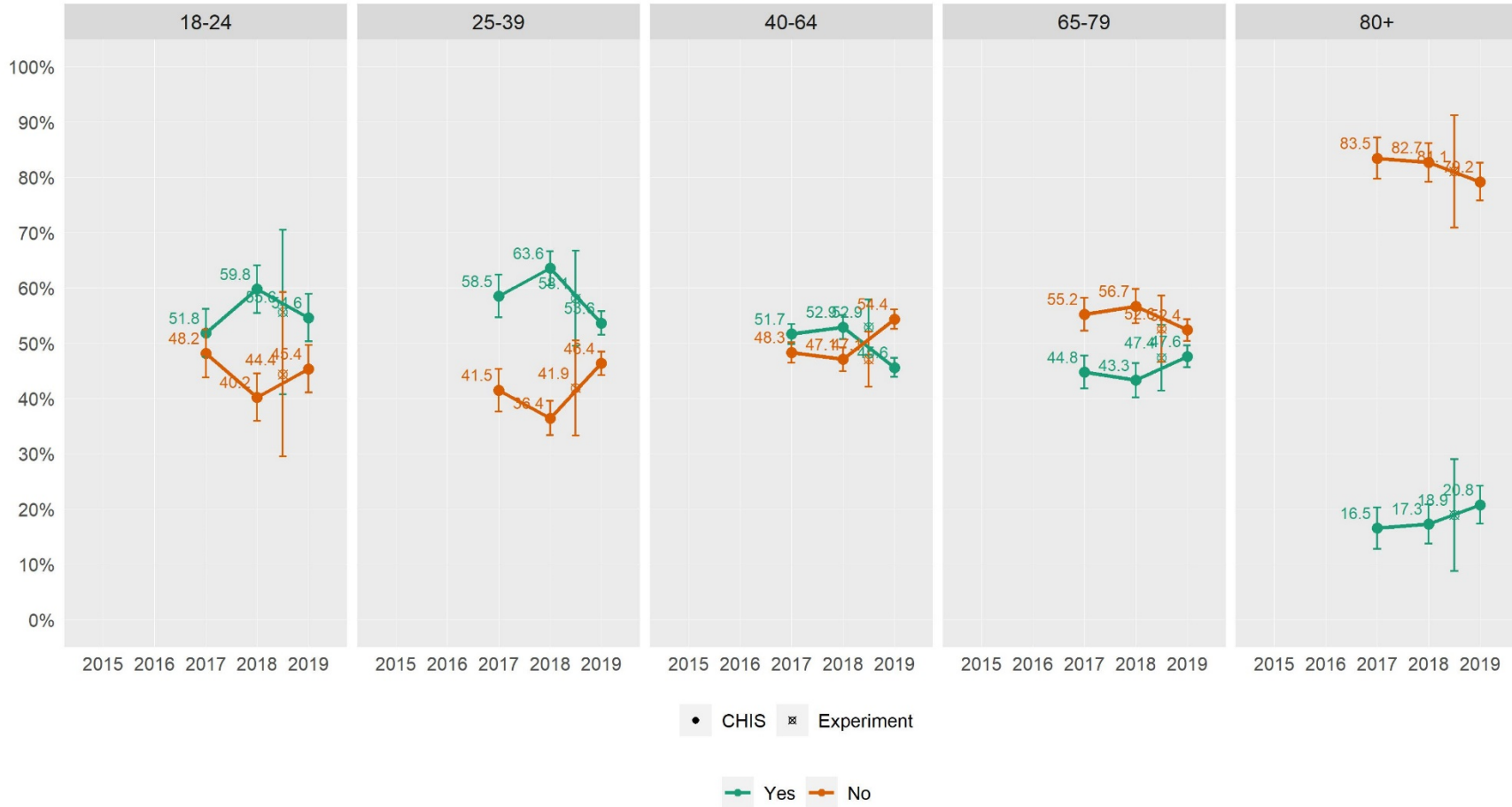
FPL	E-cigarette use ever	CHIS 2017	CHIS 2018	CHIS 2019	Web Experiment
Under 139% FPL	No	84.0 (79.1, 88.9)	84.2 (81.8, 86.5)	79.1 (76.9, 81.4)	88.9* (81.2, 96.6)
	Yes	16.0 (11.1, 20.9)	15.8 (13.5, 18.2)	20.9 (18.6, 23.1)	11.1* (3.4, 18.8)
139-250% FPL	No	83.8 (81.2, 86.3)	80.2 (76.7, 83.6)	82.4 (80.1, 84.7)	77.0 (66.3, 87.7)
	Yes	16.2 (13.7, 18.8)	19.8 (16.4, 23.3)	17.6 (15.3, 19.9)	23.0 (12.3, 33.7)
251-400% FPL	No	83.6 (78.0, 89.1)	80.5 (77.8, 83.3)	83.7 (81.7, 85.7)	85.7 (77.5, 93.9)
	Yes	16.4 (10.9, 22.0)	19.5 (16.7, 22.2)	16.3 (14.3, 18.3)	14.3 (6.1, 22.5)
>400% FPL	No	86.1 (84.5, 87.7)	83.9 (82.1, 85.6)	84.4 (83.3, 85.6)	87.6 (83.5, 91.7)
	Yes	13.9 (12.3, 15.5)	16.1 (14.4, 17.9)	15.6 (14.4, 16.7)	12.4 (8.3, 16.5)

Note. \* = statistically unstable.



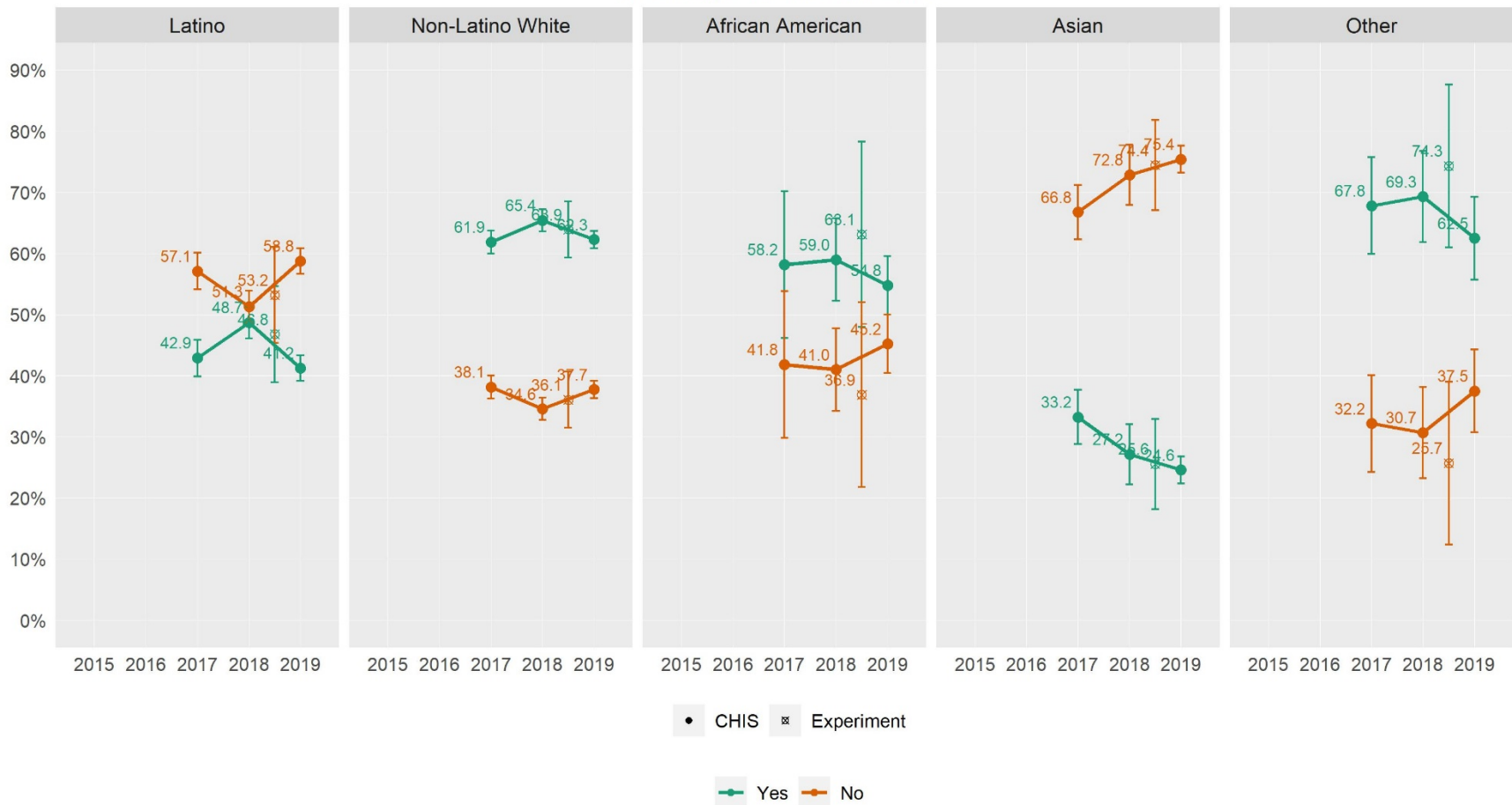
Tried marijuana or hashish ever

Tried marijuana or hashish by age



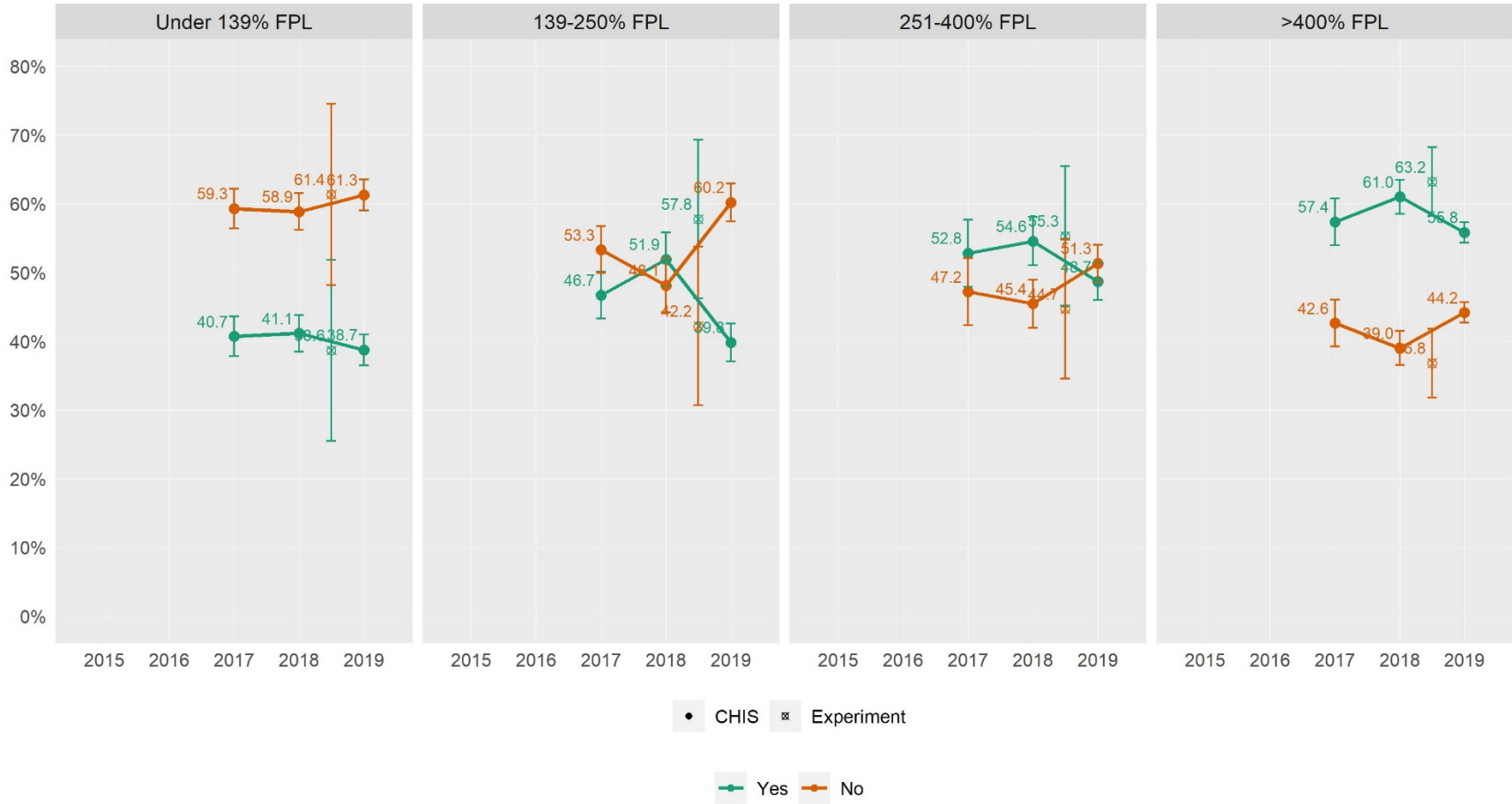
Age	Tried marijuana ever	CHIS 2017	CHIS 2018	CHIS 2019	Web Experiment
18-24	No	48.2 (43.8, 52.5)	40.2 (35.9, 44.5)	45.4 (41.1, 49.6)	44.4 (29.5, 59.2)
	Yes	51.8 (47.5, 56.2)	59.8 (55.5, 64.1)	54.6 (50.4, 58.9)	55.6 (40.8, 70.5)
25-39	No	41.5 (37.6, 45.4)	36.4 (33.3, 39.5)	46.4 (44.2, 48.5)	41.9 (33.3, 50.5)
	Yes	58.5 (54.6, 62.4)	63.6 (60.5, 66.7)	53.6 (51.5, 55.8)	58.1 (49.5, 66.7)
40-64	No	48.3 (46.5, 50.1)	47.1 (44.9, 49.2)	54.4 (52.6, 56.1)	47.1 (42.1, 52.1)
	Yes	51.7 (49.9, 53.5)	52.9 (50.8, 55.1)	45.6 (43.9, 47.4)	52.9 (47.9, 57.9)
65-79	No	55.2 (52.3, 58.2)	56.7 (53.6, 59.8)	52.4 (50.4, 54.4)	52.6 (46.7, 58.6)
	Yes	44.8 (41.8, 47.7)	43.3 (40.2, 46.4)	47.6 (45.6, 49.6)	47.4 (41.4, 53.3)
80+	No	83.5 (79.7, 87.2)	82.7 (79.2, 86.2)	79.2 (75.8, 82.6)	81.1 (70.9, 91.2)
	Yes	16.5 (12.8, 20.3)	17.3 (13.8, 20.8)	20.8 (17.4, 24.2)	18.9 (8.8, 29.1)

Tried marijuana or hashish by race



Race/ethnicity	Tried marijuana ever	CHIS 2017	CHIS 2018	CHIS 2019	Web Experiment
African American	No	41.8 (29.8, 53.8)	41.0 (34.2, 47.8)	45.2 (40.4, 50.0)	36.9 (21.8, 52.0)
	Yes	58.2 (46.2, 70.2)	59.0 (52.2, 65.8)	54.8 (50.0, 59.6)	63.1 (48.0, 78.2)
Asian	No	66.8 (62.3, 71.2)	72.8 (67.9, 77.8)	75.4 (73.2, 77.6)	74.4 (67.0, 81.8)
	Yes	33.2 (28.8, 37.7)	27.2 (22.2, 32.1)	24.6 (22.4, 26.8)	25.6 (18.2, 33.0)
Latino	No	57.1 (54.1, 60.1)	51.3 (48.7, 53.9)	58.8 (56.6, 60.9)	53.2 (45.3, 61.1)
	Yes	42.9 (39.9, 45.9)	48.7 (46.1, 51.3)	41.2 (39.1, 43.4)	46.8 (38.9, 54.7)
Non-Latino White	No	38.1 (36.3, 40.0)	34.6 (32.8, 36.4)	37.7 (36.3, 39.1)	36.1 (31.5, 40.6)
	Yes	61.9 (60.0, 63.7)	65.4 (63.6, 67.2)	62.3 (60.9, 63.7)	63.9 (59.4, 68.5)
Other	No	32.2 (24.2, 40.1)	30.7 (23.2, 38.2)	37.5 (30.7, 44.3)	25.7 (12.4, 39.0)
	Yes	67.8 (59.9, 75.8)	69.3 (61.8, 76.8)	62.5 (55.7, 69.3)	74.3 (61.0, 87.6)

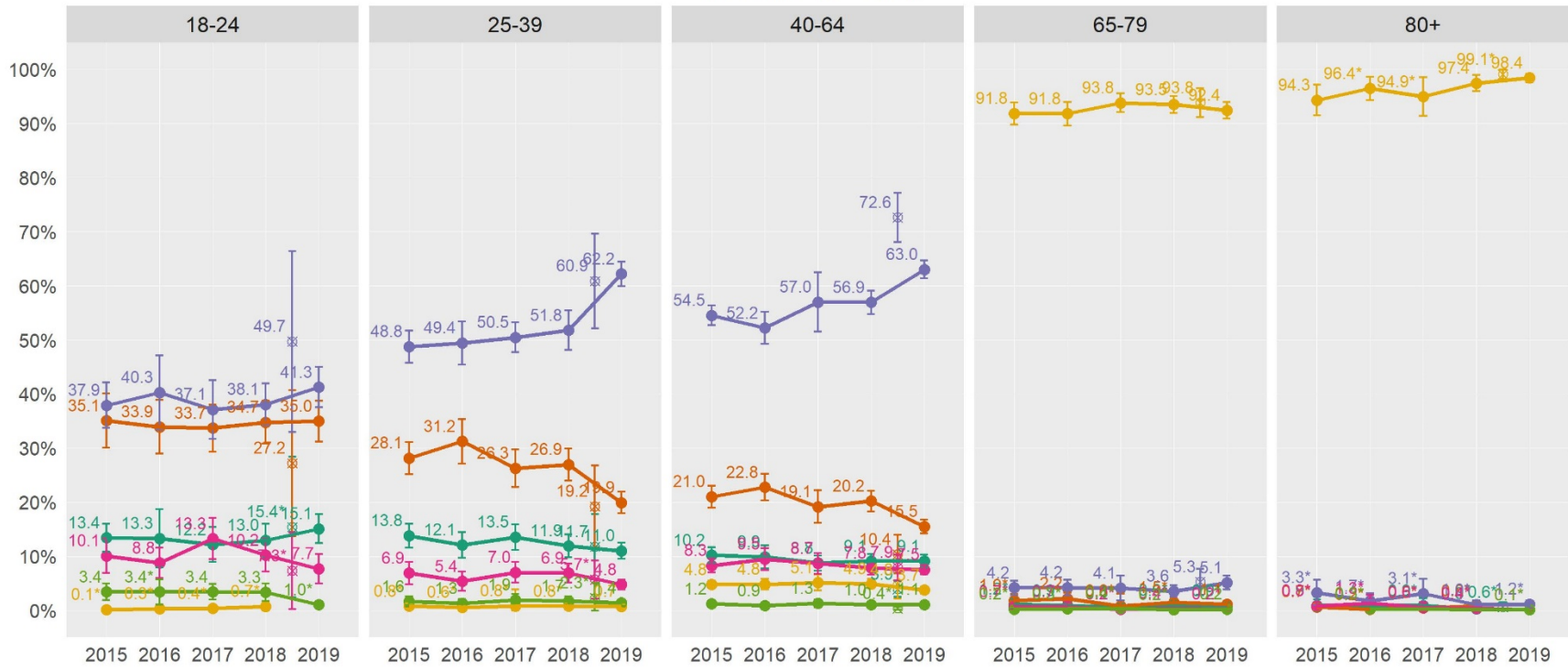
Tried marijuana or hashish by FPL



FPL	Tried marijuana ever	CHIS 2017	CHIS 2018	CHIS 2019	Web Experiment
Under 139% FPL	No	59.3 (56.4, 62.2)	58.9 (56.2, 61.5)	61.3 (59.0, 63.5)	61.4 (48.2, 74.5)
	Yes	40.7 (37.8, 43.6)	41.1 (38.5, 43.8)	38.7 (36.5, 41.0)	38.6 (25.5, 51.8)
139-250% FPL	No	53.3 (49.9, 56.7)	48.1 (44.2, 52.0)	60.2 (57.4, 63.0)	42.2 (30.7, 53.8)
	Yes	46.7 (43.3, 50.1)	51.9 (48.0, 55.8)	39.8 (37.0, 42.6)	57.8 (46.2, 69.3)
251-400% FPL	No	47.2 (42.3, 52.1)	45.4 (41.9, 49.0)	51.3 (48.6, 54.0)	44.7 (34.5, 54.9)
	Yes	52.8 (47.9, 57.7)	54.6 (51.0, 58.1)	48.7 (46.0, 51.4)	55.3 (45.1, 65.5)
>400% FPL	No	42.6 (39.2, 46.0)	39.0 (36.5, 41.5)	44.2 (42.7, 45.6)	36.8 (31.8, 41.8)
	Yes	57.4 (54.0, 60.8)	61.0 (58.5, 63.5)	55.8 (54.4, 57.3)	63.2 (58.2, 68.2)

# Health insurance

## Insurance type by age



• CHIS    ✕ Experiment

- Uninsured
- Employer-based only
- Other Public
- Medicaid (Medi-cal)
- Privately Purchased
- Medicare (any)

Age	Insurance type	CHIS 2015	CHIS 2016	CHIS 2017	CHIS 2018	CHIS 2019	Web Experiment
18-24	Employer-based only	37.9 (33.7, 42.1)	40.3 (33.4, 47.1)	37.1 (31.7, 42.6)	38.1 (34.2, 41.9)	41.3 (37.5, 45.0)	49.7 (33.0, 66.4)
	Medicaid (Medi-Cal)	35.1 (30.1, 40.0)	33.9 (28.9, 38.9)	33.7 (29.3, 38.1)	34.7 (30.8, 38.7)	35.0 (31.2, 38.7)	27.2 (13.7, 40.7)
	Medicare	0.1* (0.0, 0.4)	0.3* (0.0, 0.9)	0.4* (0.0, 1.0)	0.7* (0.0, 1.5)	- -	- -
	Other Public	3.4 (1.9, 4.9)	3.4* (1.1, 5.7)	3.4 (2.0, 4.9)	3.3 (1.7, 4.9)	1.0* (0.4, 1.7)	- -
	Privately Purchased	10.1 (6.9, 13.3)	8.8 (6.0, 11.6)	13.3 (9.5, 17.1)	10.2 (7.2, 13.2)	7.7 (5.0, 10.4)	7.3* (0.2, 14.4)
	Uninsured	13.4 (10.8, 16.0)	13.3 (7.9, 18.7)	12.2 (8.9, 15.4)	13 (9.9, 16.0)	15.1 (12.4, 17.7)	15.4* (2.4, 28.4)
	25-39	Employer-based only	48.8 (45.8, 51.7)	49.4 (45.4, 53.4)	50.5 (47.7, 53.2)	51.8 (48.1, 55.4)	62.2 (59.9, 64.4)
Medicaid (Medi-Cal)	28.1 (25.2, 31.1)	31.2 (27.1, 35.4)	26.3 (22.8, 29.7)	26.9 (24.0, 29.9)	19.9 (17.9, 21.9)	19.2 (11.7, 26.8)	
Medicare	0.8* (0.2, 1.3)	0.6* (0.2, 1.0)	0.8* (0.0, 3.9)	0.8* (0.2, 1.4)	0.7 (0.4, 1.1)	- -	
Other Public	1.6 (0.7, 2.6)	1.3 (0.6, 2.0)	1.9 (0.8, 3.0)	1.7 (0.8, 2.6)	1.4 (0.8, 1.9)	2.3* (0.0, 5.1)	
Privately Purchased	6.9 (4.8, 9.0)	5.4 (3.6, 7.1)	7.0 (5.1, 8.9)	6.9 (5.2, 8.6)	4.8 (3.9, 5.6)	5.7* (2.2, 9.2)	
Uninsured	13.8 (11.6, 16.0)	12.1 (9.7, 14.5)	13.5 (11.1, 15.9)	11.9 (9.8, 14.1)	11.0 (9.5, 12.5)	11.7 (5.7, 17.8)	
40-64	Employer-based only	54.5 (52.7, 56.4)	52.2 (49.2, 55.2)	57.0 (51.6, 62.4)	56.9 (54.8, 59.1)	63.0 (61.4, 64.6)	72.6 (68.1, 77.2)
	Medicaid (Medi-Cal)	21.0 (19.0, 23.0)	22.8 (20.3, 25.2)	19.1 (16.1, 22.2)	20.2 (18.3, 22.1)	15.5 (14.2, 16.8)	10.4 (6.8, 13.9)
	Medicare	4.8 (4.1, 5.4)	4.8 (3.9, 5.8)	5.1 (3.7, 6.6)	4.9 (4.0, 5.8)	3.7 (3.1, 4.4)	4.8 (2.1, 7.4)
	Other Public	1.2 (0.8, 1.6)	0.9 (0.5, 1.3)	1.3 (0.6, 2.0)	1.0 (0.6, 1.5)	1.1 (0.7, 1.4)	0.4* (0.1, 0.6)

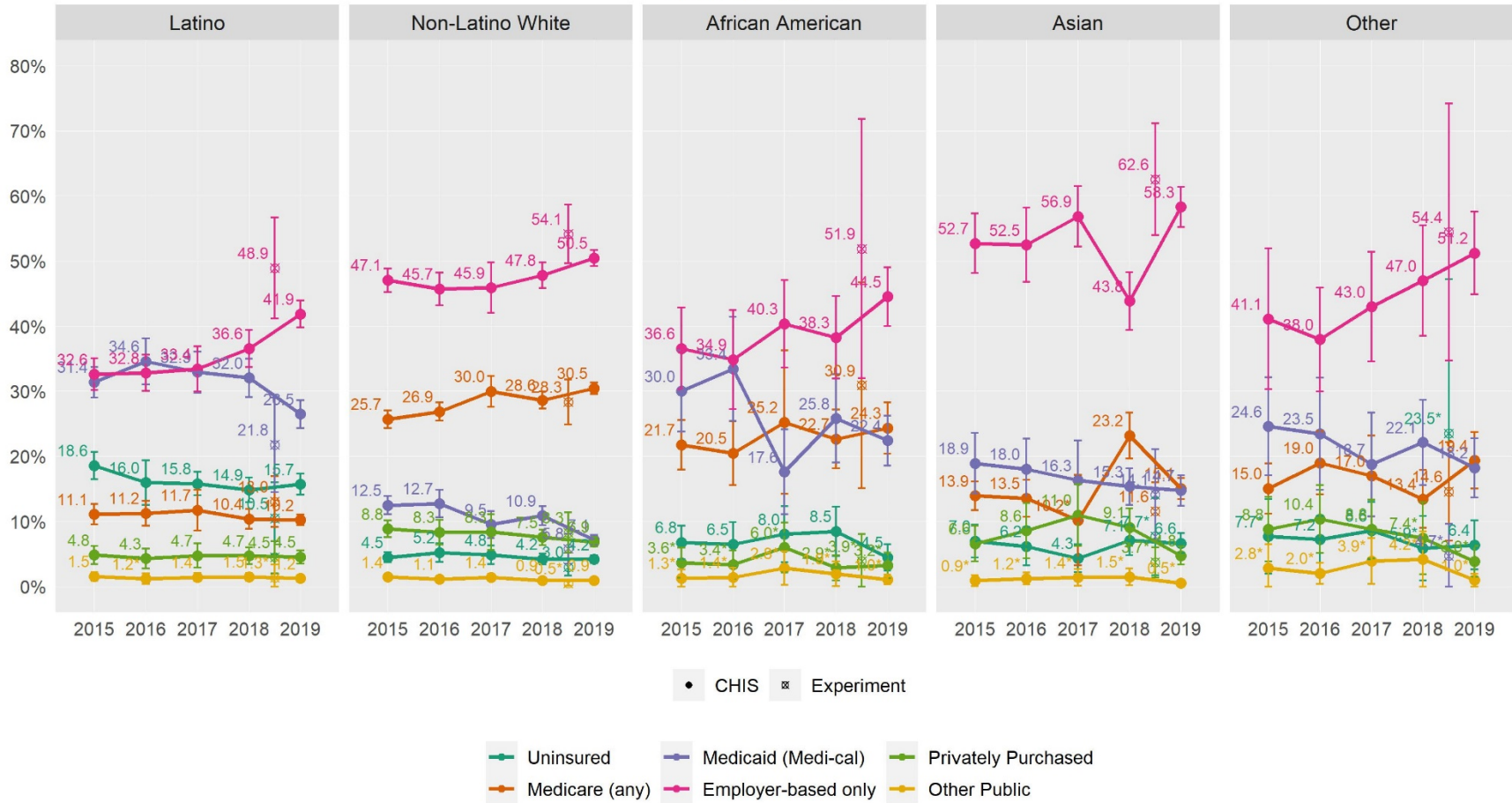
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	Privately Purchased	8.3 (7.0, 9.5)	9.5 (7.4, 11.5)	8.7 (6.8, 10.6)	7.8 (6.6, 9.1)	7.5 (6.7, 8.4)	7.9 (5.6, 10.3)
	Uninsured	10.2 (8.8, 11.6)	9.9 (7.8, 12.0)	8.8 (7.4, 10.2)	9.1 (7.8, 10.4)	9.1 (7.9, 10.3)	3.9 (2.5, 5.4)
65-79	Employer-based only	4.2 (2.9, 5.5)	4.2 (2.8, 5.7)	4.1 (1.8, 6.4)	3.6 (2.5, 4.6)	5.1 (3.9, 6.4)	5.3 (2.9, 7.7)
	Medicaid (Medi-Cal)	1.9* (0.7, 3.1)	2.2 (1.1, 3.2)	0.8* (0.0, 3.1)	1.5* (0.5, 2.4)	1.1 (0.5, 1.7)	- -
	Medicare	91.8 (89.8, 93.8)	91.8 (89.6, 94.0)	93.8 (92.1, 95.6)	93.5 (91.9, 95.1)	92.4 (90.9, 93.9)	93.8 (91.2, 96.5)
	Other Public	0.2* (0.0, 0.5)	0.3* (0.0, 0.5)	0.4* (0.0, 1.0)	0.2* (0.0, 0.3)	0.2 (0.1, 0.4)	- -
	Privately Purchased	0.7* (0.2, 1.3)	0.7* (0.0, 1.6)	0.2* (0.0, 0.5)	0.4* (0.0, 0.9)	0.2* (0.0, 0.4)	- -
	Uninsured	1.2* (0.3, 2.0)	0.9* (0.3, 1.5)	0.6* (0.1, 1.1)	0.9* (0.1, 1.8)	0.9* (0.2, 1.6)	- -
80+	Employer-based only	3.3* (1.0, 5.7)	1.7* (0.2, 3.2)	3.1* (0.4, 5.8)	1.0* (0.2, 1.8)	1.2* (0.5, 1.9)	- -
	Medicaid (Medi-Cal)	0.7* (0.0, 1.3)	0.2* (0.0, 0.4)	0.5* (0.0, 1.4)	0.8* (0.0, 1.7)	- -	- -
	Medicare	94.3 (91.5, 97.1)	96.4* (94.2, 98.6)	94.9* (91.4, 98.5)	97.4 (95.9, 99.0)	98.4 (97.6, 99.2)	99.1* (98.1, 100.0)
	Other Public	- -	0.3* (0.0, 0.8)	- -	- -	0.1* (0.0, 0.2)	- -
	Privately Purchased	0.8* (0.2, 1.5)	1.3* (0.0, 2.8)	0.6* (0.0, 1.5)	0.4* (0.0, 0.8)	0.1* (0.0, 0.2)	- -
	Uninsured	0.9* (0.0, 2.0)	- -	0.9* (0.0, 2.3)	0.3* (0.0, 0.7)	- -	0.6* (0.0, 1.5)

Note. \* = statistically unstable. -- = suppressed due to small sample size.

### Insurance type by race



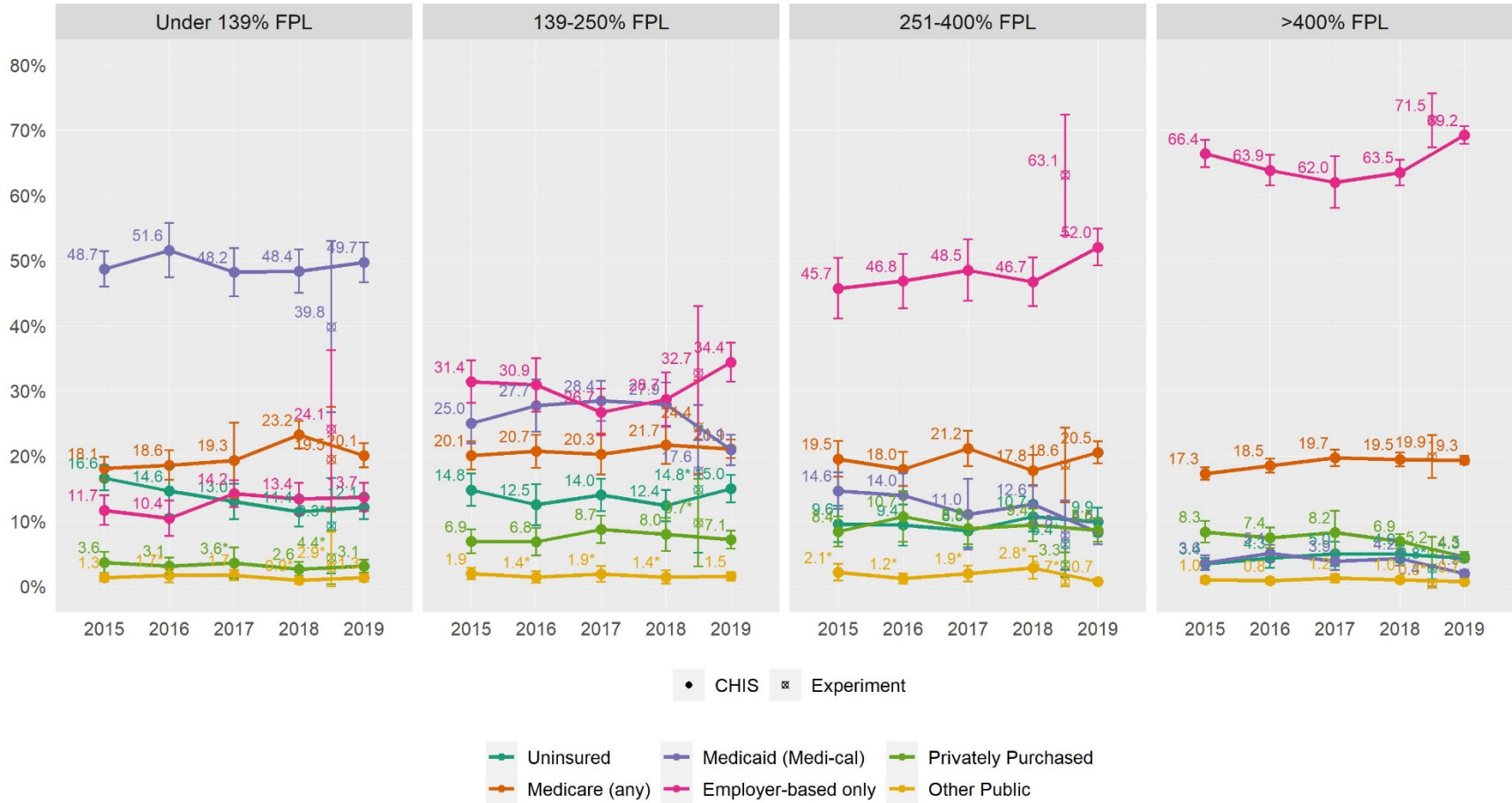
Race/ethnicity	Insurance type	CHIS 2015	CHIS 2016	CHIS 2017	CHIS 2018	CHIS 2019	Web Experiment
African American	Employer-based only	36.6 (30.3, 42.9)	34.9 (27.3, 42.5)	40.3 (33.6, 47.1)	38.3 (31.9, 44.6)	44.5 (40.0, 49.1)	51.9 (32.0, 71.8)
	Medicaid (Medi-Cal)	30.0 (23.8, 36.3)	33.4 (25.4, 41.4)	17.6 (11.1, 24.1)	25.8 (19.0, 32.6)	22.4 (18.6, 26.2)	- -
	Medicare	21.7 (18.0, 25.5)	20.5 (15.6, 25.4)	25.2 (14.2, 36.2)	22.7 (18.2, 27.2)	24.3 (20.4, 28.3)	30.9 (15.1, 46.7)
	Other Public	1.3* (0.0, 2.6)	1.4* (0.0, 2.9)	2.8* (0.2, 5.4)	1.9* (0.1, 3.8)	1.0* (0.3, 1.8)	- -
	Privately Purchased	3.6* (1.4, 5.9)	3.4* (1.2, 5.6)	6.0* (2.1, 9.8)	2.9* (0.9, 4.8)	3.2* (1.3, 5.2)	3.9* (0.0, 8.0)
	Uninsured	6.8 (4.2, 9.3)	6.5 (3.1, 9.9)	8.0 (3.7, 12.3)	8.5 (4.6, 12.3)	4.5 (2.4, 6.5)	- -
	Asian	Employer-based only	52.7 (48.1, 57.3)	52.5 (46.8, 58.2)	56.9 (52.2, 61.5)	43.8 (39.4, 48.3)	58.3 (55.2, 61.4)
	Medicaid (Medi-Cal)	18.9 (14.3, 23.6)	18 (13.4, 22.7)	16.3 (10.2, 22.4)	15.3 (12.6, 18.1)	14.7 (12.4, 17.1)	14.1 (7.1, 21.1)
	Medicare	13.9 (11.7, 16.1)	13.5 (10.7, 16.4)	10.2* (3.2, 17.1)	23.2 (19.7, 26.7)	15.1 (13.4, 16.7)	11.6 (7.2, 16.0)
	Other Public	0.9* (0.0, 1.8)	1.2* (0.3, 2.1)	1.4* (0.1, 2.7)	1.5* (0.2, 2.7)	0.5* (0.2, 0.8)	- -
	Privately Purchased	6.6 (3.9, 9.3)	8.6 (4.3, 12.8)	11.0 (6.2, 15.7)	9.1 (6.2, 12.0)	4.8 (3.4, 6.1)	3.7* (1.4, 6.0)
	Uninsured	7.0 (4.4, 9.5)	6.2 (3.2, 9.1)	4.3 (2.2, 6.5)	7.1 (4.8, 9.4)	6.6 (5.1, 8.1)	7.7* (1.8, 13.6)
Latino	Employer-based only	32.6 (30.1, 35.0)	32.8 (30.0, 35.6)	33.4 (30.0, 36.9)	36.6 (33.7, 39.4)	41.9 (39.8, 44.0)	48.9 (41.1, 56.7)
	Medicaid (Medi-Cal)	31.4 (29.0, 33.7)	34.6 (31.0, 38.1)	32.9 (29.7, 36.1)	32.0 (29.1, 35.0)	26.5 (24.4, 28.6)	21.8 (14.5, 29.0)
	Medicare	11.1 (9.5, 12.6)	11.2 (9.3, 13.1)	11.7 (8.6, 14.9)	10.4 (8.8, 11.9)	10.2 (9.4, 11.0)	13.0 (9.1, 17.0)
	Other Public	1.5 (0.9, 2.2)	1.2* (0.4, 2.0)	1.4 (0.8, 2.1)	1.5 (0.8, 2.1)	1.2 (0.7, 1.7)	1.3* (0.0, 3.3)

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	Privately Purchased	4.8 (3.5, 6.2)	4.3 (2.8, 5.8)	4.7 (2.9, 6.6)	4.7 (3.4, 6.0)	4.5 (3.5, 5.6)	4.5 (2.0, 7.0)
	Uninsured	18.6 (16.4, 20.7)	16.0 (12.5, 19.4)	15.8 (14.0, 17.6)	14.9 (12.9, 16.8)	15.7 (14.1, 17.3)	10.5 (4.9, 16.0)
Non-Latino White	Employer-based only	47.1 (45.3, 48.8)	45.7 (43.2, 48.2)	45.9 (42.0, 49.7)	47.8 (45.9, 49.8)	50.5 (49.2, 51.7)	54.1 (49.6, 58.7)
	Medicaid (Medi-Cal)	12.5 (11.1, 13.9)	12.7 (10.6, 14.8)	9.5 (7.5, 11.6)	10.9 (9.4, 12.3)	7.1 (6.3, 7.9)	5.8 (3.5, 8.1)
	Medicare	25.7 (24.3, 27.1)	26.9 (25.5, 28.3)	30.0 (27.6, 32.3)	28.6 (27.3, 29.9)	30.5 (29.6, 31.3)	28.3 (24.9, 31.8)
	Other Public	1.4 (1.0, 1.9)	1.1 (0.7, 1.6)	1.4 (0.9, 1.9)	0.9 (0.6, 1.2)	0.9 (0.6, 1.2)	0.5* (0.1, 0.8)
	Privately Purchased	8.8 (7.6, 10.1)	8.3 (6.4, 10.2)	8.3 (5.6, 11.1)	7.5 (6.4, 8.7)	6.9 (6.1, 7.6)	8.3 (5.2, 11.3)
	Uninsured	4.5 (3.7, 5.2)	5.2 (3.8, 6.6)	4.8 (3.4, 6.3)	4.2 (3.3, 5.1)	4.2 (3.6, 4.8)	3.0 (1.7, 4.3)
	Other	Employer-based only	41.1 (30.3, 51.9)	38.0 (30.0, 45.9)	43.0 (34.5, 51.4)	47.0 (38.5, 55.4)	51.2 (44.9, 57.6)
	Medicaid (Medi-Cal)	24.6 (17.1, 32.1)	23.5 (14.8, 32.1)	18.7 (10.8, 26.7)	22.1 (15.6, 28.7)	18.2 (13.7, 22.8)	4.7* (0.0, 9.6)
	Medicare	15.0 (11.2, 18.9)	19.0 (14.1, 23.9)	17.0 (10.8, 23.2)	13.4 (9.0, 17.9)	19.4 (15.0, 23.7)	14.6 (7.0, 22.1)
	Other Public	2.8* (0.0, 6.5)	2.0* (0.4, 3.6)	3.9* (0.4, 7.4)	4.2* (0.0, 8.4)	1.0* (0.0, 1.9)	- -
	Privately Purchased	8.8 (3.8, 13.7)	10.4 (5.2, 15.6)	8.8 (4.3, 13.3)	7.4* (1.9, 12.9)	3.8* (1.5, 6.2)	- -
	Uninsured	7.7* (1.9, 13.4)	7.2 (3.6, 10.8)	8.6 (4.2, 13.0)	5.9* (0.9, 10.8)	6.4 (2.6, 10.2)	23.5* (0.0, 47.2)

Note. \* = statistically unstable. -- = suppressed due to small sample size.

### Insurance type by FPL



FPL	Insurance type	CHIS 2015	CHIS 2016	CHIS 2017	CHIS 2018	CHIS 2019	Web Experiment
Under 139% FPL	Employer-based only	11.7 (9.4, 13.9)	10.4 (7.7, 13.2)	14.2 (12.1, 16.3)	13.4 (11.1, 15.8)	13.7 (11.5, 15.9)	24.1 (12.1, 36.2)
	Medicaid (Medi-Cal)	48.7 (46.0, 51.4)	51.6 (47.4, 55.8)	48.2 (44.5, 51.9)	48.4 (45.0, 51.7)	49.7 (46.7, 52.8)	39.8 (26.7, 52.9)
	Medicare	18.1 (16.3, 19.9)	18.6 (16.3, 20.8)	19.3 (13.6, 25.1)	23.2 (21.1, 25.3)	20.1 (18.2, 21.9)	19.5 (11.4, 27.5)
	Other Public	1.3 (0.7, 2.0)	1.7* (0.6, 2.8)	1.7 (0.9, 2.5)	0.9* (0.3, 1.5)	1.3 (0.7, 1.9)	2.9* (0.0, 8.3)
	Privately Purchased	3.6 (2.0, 5.3)	3.1 (1.9, 4.4)	3.6* (1.2, 5.9)	2.6 (1.6, 3.7)	3.1 (2.0, 4.1)	4.4* (0.3, 8.5)
	Uninsured	16.6 (14.7, 18.6)	14.6 (11.0, 18.3)	13.0 (10.3, 15.7)	11.4 (9.2, 13.7)	12.1 (10.3, 14.0)	9.3* (1.9, 16.6)
	139-250% FPL	Employer-based only	31.4 (28.1, 34.6)	30.9 (26.8, 35.0)	26.7 (23.2, 30.3)	28.7 (24.5, 32.8)	34.4 (31.4, 37.4)
	Medicaid (Medi-Cal)	25.0 (21.9, 28.1)	27.7 (23.7, 31.7)	28.4 (25.4, 31.5)	27.9 (24.6, 31.2)	20.9 (18.5, 23.3)	17.6 (7.5, 27.8)
	Medicare	20.1 (17.9, 22.2)	20.7 (18.2, 23.3)	20.3 (17.1, 23.4)	21.7 (18.8, 24.6)	21.1 (19.7, 22.5)	24.4 (17.2, 31.6)
	Other Public	1.9 (1.1, 2.8)	1.4* (0.5, 2.3)	1.9* (0.6, 3.1)	1.4* (0.4, 2.4)	1.5 (0.9, 2.2)	- -
	Privately Purchased	6.9 (5.0, 8.7)	6.8 (4.7, 8.9)	8.7 (6.6, 10.8)	8.0 (5.4, 10.5)	7.1 (5.8, 8.5)	9.7* (3.0, 16.5)
	Uninsured	14.8 (12.3, 17.2)	12.5 (9.4, 15.6)	14.0 (11.5, 16.4)	12.4 (10.0, 14.8)	15 (12.9, 17.1)	14.8* (5.1, 24.6)
251-400% FPL	Employer-based only	45.7 (41.1, 50.4)	46.8 (42.6, 51.0)	48.5 (43.8, 53.2)	46.7 (43.0, 50.4)	52.0 (49.2, 54.8)	63.1 (53.9, 72.4)
	Medicaid (Medi-Cal)	14.6 (11.8, 17.5)	14.0 (10.6, 17.3)	11 (5.6, 16.5)	12.6 (9.7, 15.5)	8.2 (6.4, 10.1)	7.8* (2.5, 13.1)
	Medicare	19.5 (16.8, 22.3)	18.0 (15.4, 20.6)	21.2 (18.5, 23.8)	17.8 (15.4, 20.2)	20.5 (18.8, 22.2)	18.6 (12.9, 24.3)
	Other Public	2.1* (0.8, 3.4)	1.2* (0.4, 2.0)	1.9* (0.7, 3.2)	2.8* (1.1, 4.6)	0.7 (0.4, 1.1)	0.7* (0.0, 1.7)

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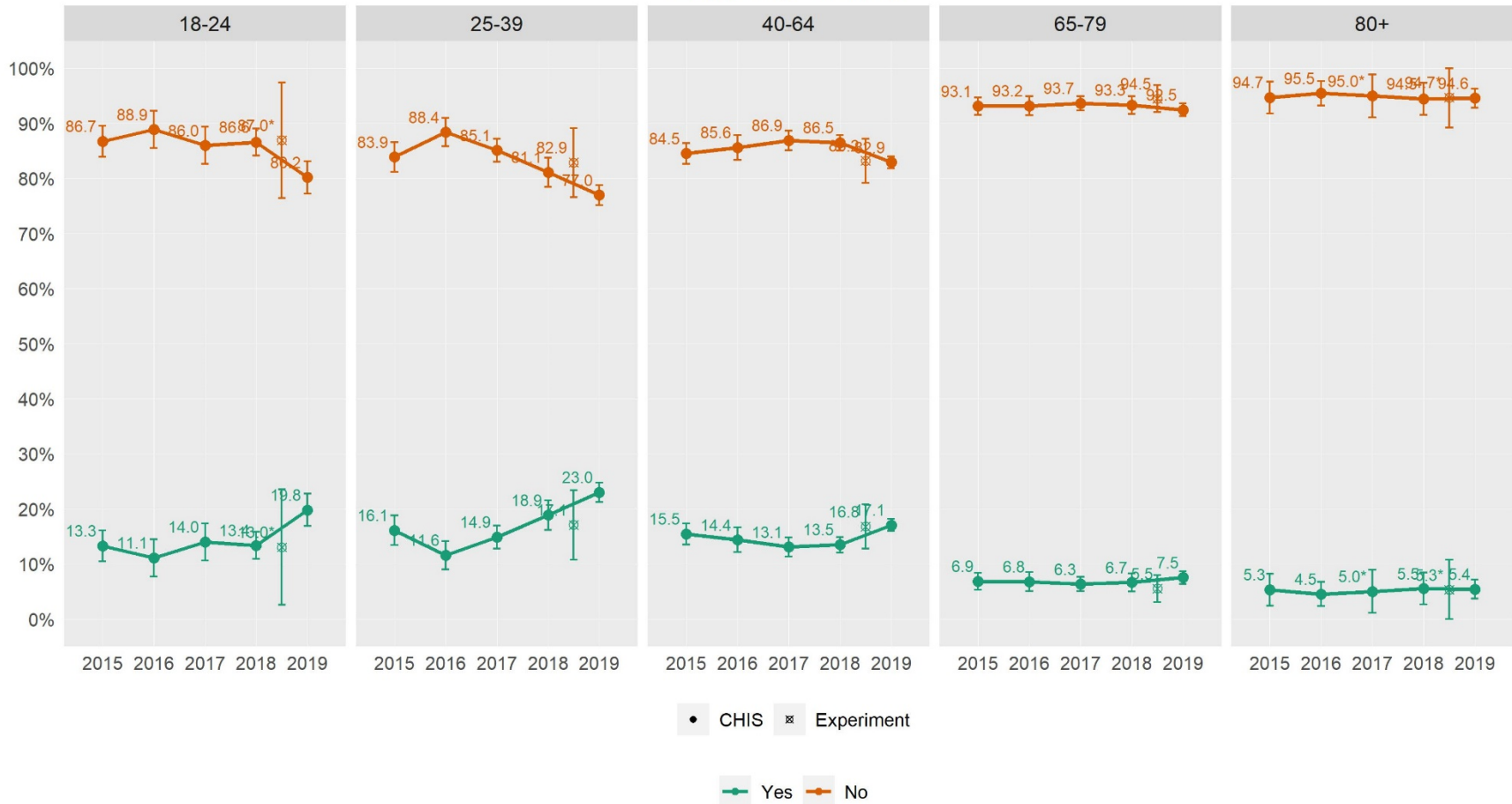
	Privately Purchased	8.4 (6.1, 10.7)	10.7 (6.8, 14.6)	8.8 (6.4, 11.3)	9.4 (6.9, 11.9)	8.6 (6.8, 10.4)	3.3 (1.4, 5.2)
	Uninsured	9.6 (6.8, 12.3)	9.4 (6.2, 12.5)	8.5 (5.9, 11.1)	10.7 (8.3, 13.0)	9.9 (7.7, 12.0)	6.4* (0.0, 13.1)
>400% FPL	Employer-based only	66.4 (64.3, 68.5)	63.9 (61.5, 66.2)	62.0 (58.1, 66.0)	63.5 (61.5, 65.5)	69.2 (67.9, 70.6)	71.5 (67.4, 75.6)
	Medicaid (Medi-Cal)	3.6 (2.5, 4.7)	5.1 (3.8, 6.3)	3.9 (2.5, 5.2)	4.2 (3.2, 5.2)	1.9 (1.4, 2.4)	0.4* (0.0, 0.9)
	Medicare	17.3 (16.3, 18.2)	18.5 (17.4, 19.6)	19.7 (18.4, 20.9)	19.5 (18.4, 20.6)	19.3 (18.7, 20.0)	19.9 (16.6, 23.2)
	Other Public	1.0 (0.5, 1.5)	0.8 (0.4, 1.3)	1.2 (0.6, 1.9)	1.0 (0.5, 1.5)	0.7 (0.4, 1.0)	0.3* (0.0, 0.6)
	Privately Purchased	8.3 (6.7, 10.0)	7.4 (5.9, 9.0)	8.2 (4.9, 11.5)	6.9 (5.8, 8.0)	4.5 (3.8, 5.3)	5.2 (2.8, 7.6)
	Uninsured	3.4 (2.5, 4.3)	4.3 (2.8, 5.9)	5.0 (3.1, 6.8)	4.9 (3.7, 6.2)	4.3 (3.7, 4.9)	2.8* (1.0, 4.5)

Note. \* = statistically unstable. – = suppressed due to small sample size.

# Health care

## Delay getting care

Delay getting care by age

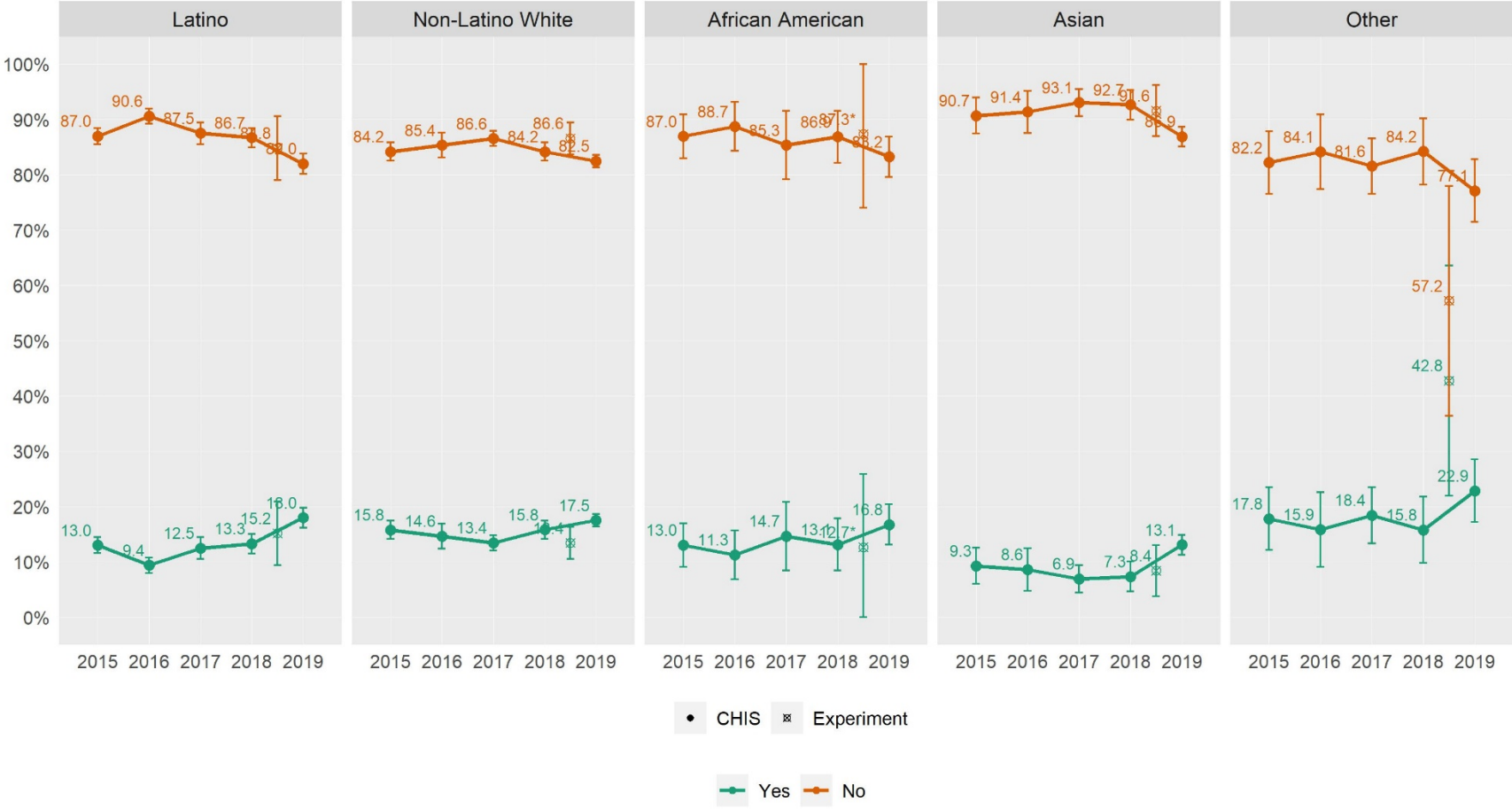




Age	Delay getting care	CHIS 2015	CHIS 2016	CHIS 2017	CHIS 2018	CHIS 2019	Web Experiment
18-24	No	86.7 (83.9, 89.5)	88.9 (85.5, 92.3)	86.0 (82.6, 89.4)	86.6 (84.2, 89.0)	80.2 (77.3, 83.1)	87.0* (76.5, 97.4)
	Yes	13.3 (10.5, 16.1)	11.1 (7.7, 14.5)	14.0 (10.6, 17.4)	13.4 (11.0, 15.8)	19.8 (16.9, 22.7)	13.0* (2.6, 23.5)
25-39	No	83.9 (81.2, 86.6)	88.4 (85.8, 91.0)	85.1 (83.0, 87.2)	81.1 (78.4, 83.8)	77.0 (75.2, 78.8)	82.9 (76.6, 89.2)
	Yes	16.1 (13.4, 18.8)	11.6 (9.0, 14.2)	14.9 (12.8, 17.0)	18.9 (16.2, 21.6)	23.0 (21.2, 24.8)	17.1 (10.8, 23.4)
40-64	No	84.5 (82.6, 86.5)	85.6 (83.4, 87.8)	86.9 (85.2, 88.6)	86.5 (85.1, 87.9)	82.9 (81.9, 84.0)	83.2 (79.2, 87.2)
	Yes	15.5 (13.5, 17.4)	14.4 (12.2, 16.6)	13.1 (11.4, 14.8)	13.5 (12.1, 14.9)	17.1 (16.0, 18.1)	16.8 (12.8, 20.8)
65-79	No	93.1 (91.6, 94.7)	93.2 (91.5, 94.9)	93.7 (92.4, 95.0)	93.3 (91.7, 95.0)	92.5 (91.3, 93.6)	94.5 (92.0, 96.9)
	Yes	6.9 (5.3, 8.4)	6.8 (5.1, 8.5)	6.3 (5.0, 7.6)	6.7 (5.0, 8.3)	7.5 (6.4, 8.7)	5.5 (3.1, 8.0)
80+	No	94.7 (91.8, 97.6)	95.5 (93.2, 97.7)	95.0* (91.1, 98.9)	94.5 (91.5, 97.4)	94.6 (92.9, 96.3)	94.7* (89.2, 100.0)
	Yes	5.3 (2.4, 8.2)	4.5 (2.3, 6.8)	5.0* (1.1, 8.9)	5.5 (2.6, 8.5)	5.4 (3.7, 7.1)	5.3* (0.0, 10.8)

Note. \* = statistically unstable.

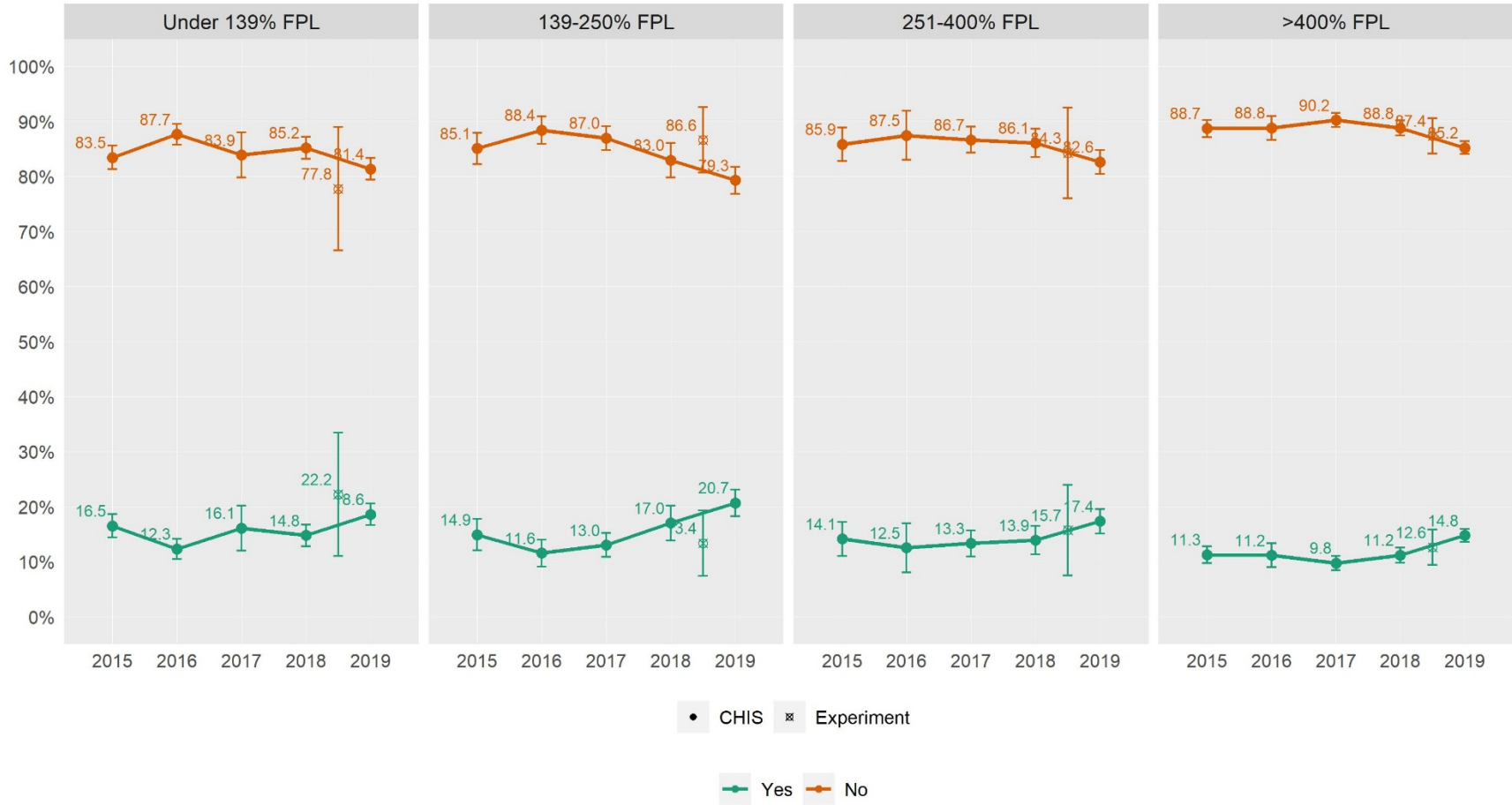
Delay getting care by race



Race/ethnicity	Delay getting care	CHIS 2015	CHIS 2016	CHIS 2017	CHIS 2018	CHIS 2019	Web Experiment
African American	No	87.0 (83.0, 90.9)	88.7 (84.3, 93.1)	85.3 (79.2, 91.5)	86.9 (82.1, 91.6)	83.2 (79.6, 86.9)	87.3* (74.1, 100.0)
	Yes	13.0 (9.1, 17.0)	11.3 (6.9, 15.7)	14.7 (8.5, 20.8)	13.1 (8.4, 17.9)	16.8 (13.1, 20.4)	12.7* (0.0, 25.9)
Asian	No	90.7 (87.5, 94.0)	91.4 (87.5, 95.2)	93.1 (90.6, 95.5)	92.7 (90.0, 95.3)	86.9 (85.1, 88.7)	91.6 (86.9, 96.2)
	Yes	9.3 (6.0, 12.5)	8.6 (4.8, 12.5)	6.9 (4.5, 9.4)	7.3 (4.7, 10.0)	13.1 (11.3, 14.9)	8.4 (3.8, 13.1)
Latino	No	87.0 (85.5, 88.4)	90.6 (89.2, 92.0)	87.5 (85.5, 89.5)	86.7 (84.9, 88.4)	82.0 (80.2, 83.8)	84.8 (79.0, 90.6)
	Yes	13.0 (11.6, 14.5)	9.4 (8.0, 10.8)	12.5 (10.5, 14.5)	13.3 (11.6, 15.1)	18.0 (16.2, 19.8)	15.2 (9.4, 21.0)
Non-Latino White	No	84.2 (82.6, 85.8)	85.4 (83.1, 87.6)	86.6 (85.2, 87.9)	84.2 (82.5, 85.8)	82.5 (81.4, 83.6)	86.6 (83.7, 89.4)
	Yes	15.8 (14.2, 17.4)	14.6 (12.4, 16.9)	13.4 (12.1, 14.8)	15.8 (14.2, 17.5)	17.5 (16.4, 18.6)	13.4 (10.6, 16.3)
Other	No	82.2 (76.5, 87.9)	84.1 (77.4, 90.9)	81.6 (76.5, 86.6)	84.2 (78.2, 90.2)	77.1 (71.5, 82.8)	57.2 (36.4, 78.0)
	Yes	17.8 (12.1, 23.5)	15.9 (9.1, 22.6)	18.4 (13.4, 23.5)	15.8 (9.8, 21.8)	22.9 (17.2, 28.5)	42.8 (22.0, 63.6)

Note. \* = statistically unstable.

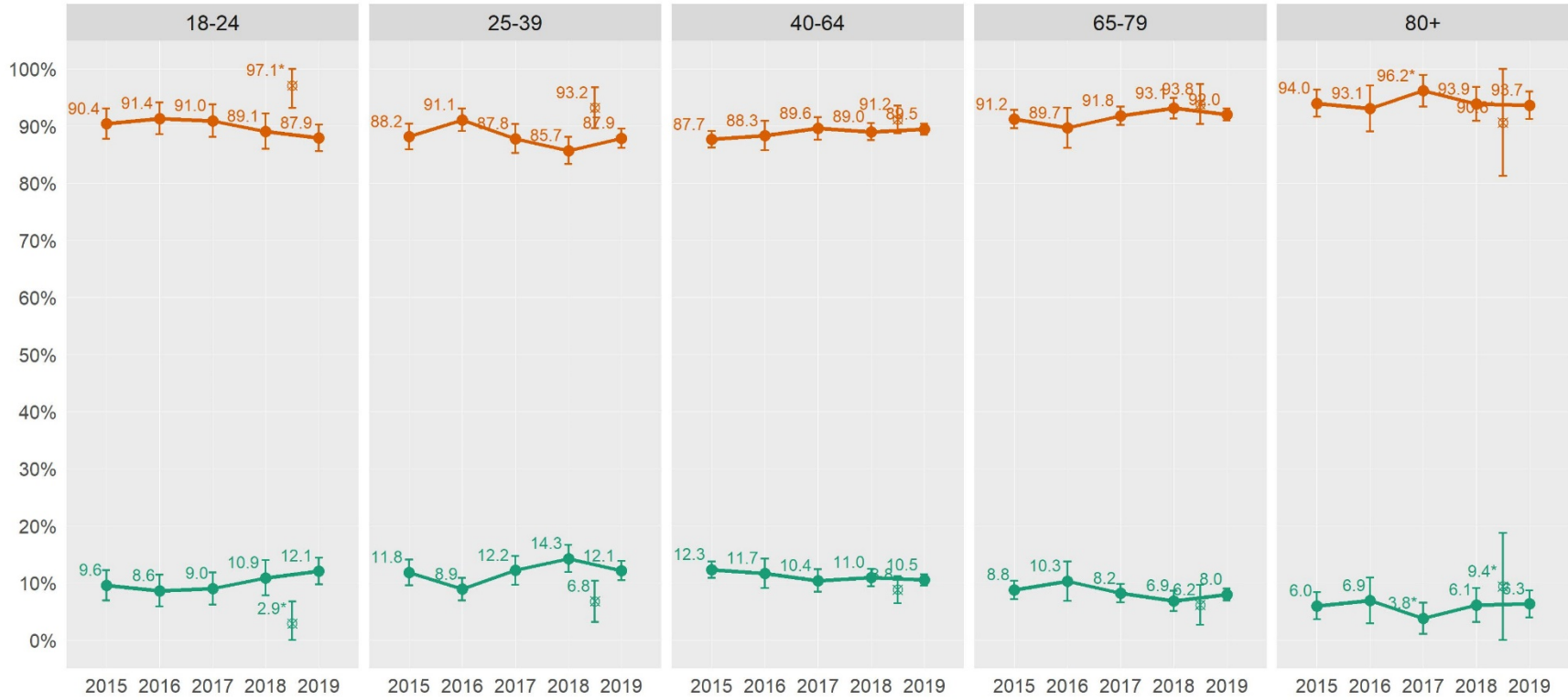
Delay getting care by FPL



FPL	Delay getting care	CHIS 2015	CHIS 2016	CHIS 2017	CHIS 2018	CHIS 2019	Web Experiment
Under 139% FPL	No	83.5 (81.3, 85.6)	87.7 (85.8, 89.5)	83.9 (79.8, 88.0)	85.2 (83.2, 87.2)	81.4 (79.4, 83.4)	77.8 (66.6, 89.0)
	Yes	16.5 (14.4, 18.7)	12.3 (10.5, 14.2)	16.1 (12.0, 20.2)	14.8 (12.8, 16.8)	18.6 (16.6, 20.6)	22.2 (11.0, 33.4)
139-250% FPL	No	85.1 (82.2, 88.0)	88.4 (86.0, 90.9)	87.0 (84.8, 89.2)	83.0 (79.8, 86.1)	79.3 (76.9, 81.8)	86.6 (80.7, 92.6)
	Yes	14.9 (12.0, 17.8)	11.6 (9.1, 14.0)	13.0 (10.8, 15.2)	17.0 (13.9, 20.2)	20.7 (18.2, 23.1)	13.4 (7.4, 19.3)
251-400% FPL	No	85.9 (82.8, 88.9)	87.5 (83.0, 91.9)	86.7 (84.3, 89.0)	86.1 (83.5, 88.7)	82.6 (80.5, 84.8)	84.3 (76.0, 92.5)
	Yes	14.1 (11.1, 17.2)	12.5 (8.1, 17.0)	13.3 (11.0, 15.7)	13.9 (11.3, 16.5)	17.4 (15.2, 19.5)	15.7 (7.5, 24.0)
>400% FPL	No	88.7 (87.2, 90.3)	88.8 (86.6, 91.0)	90.2 (89.0, 91.5)	88.8 (87.4, 90.2)	85.2 (84.1, 86.4)	87.4 (84.2, 90.6)
	Yes	11.3 (9.7, 12.8)	11.2 (9.0, 13.4)	9.8 (8.5, 11.0)	11.2 (9.8, 12.6)	14.8 (13.6, 15.9)	12.6 (9.4, 15.8)

Delay getting prescriptions

Delay getting Rx by age



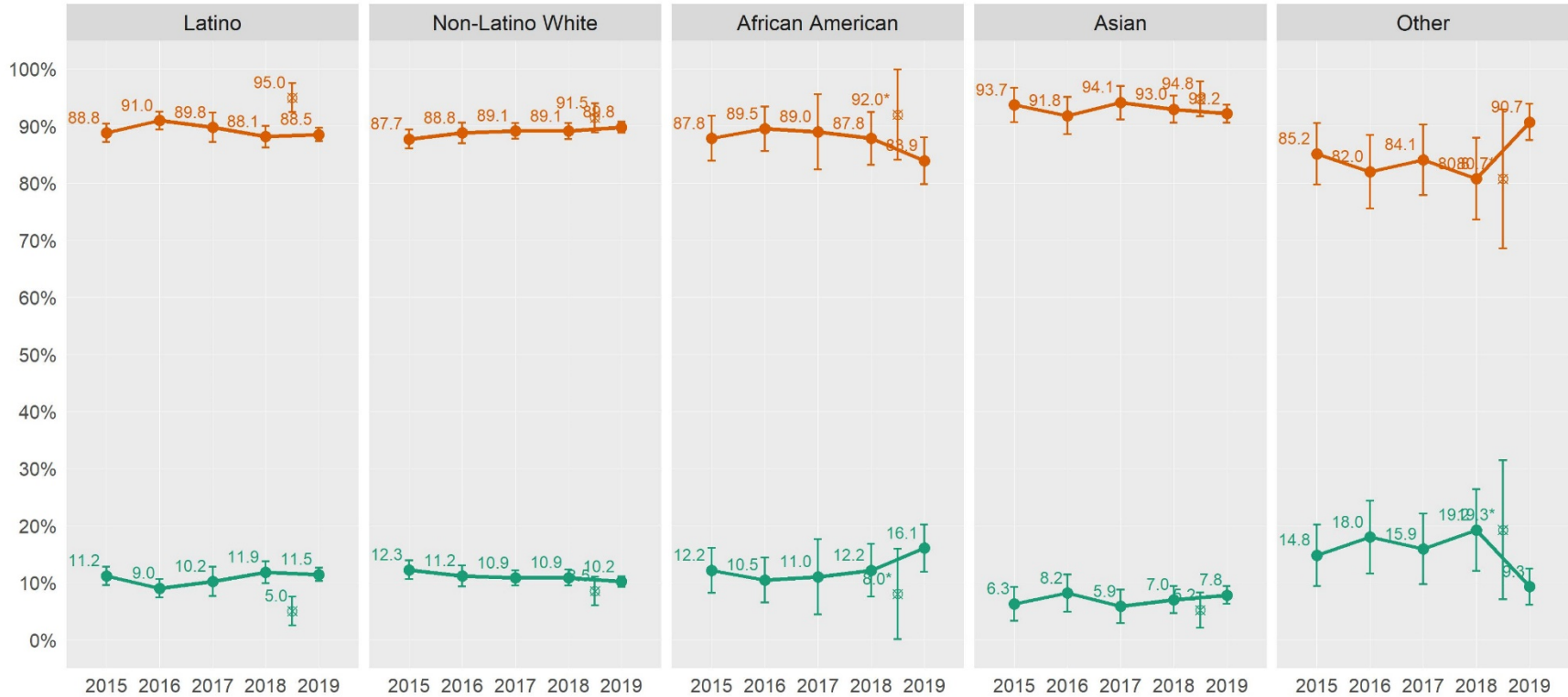
• CHIS    ✕ Experiment

— Yes    — No

Age	Delay getting prescriptions	CHIS 2015	CHIS 2016	CHIS 2017	CHIS 2018	CHIS 2019	Web Experiment
18-24	No	90.4 (87.7, 93.1)	91.4 (88.6, 94.1)	91.0 (88.1, 93.8)	89.1 (86.0, 92.2)	87.9 (85.6, 90.2)	97.1* (93.2, 100.0)
	Yes	9.6 (6.9, 12.3)	8.6 (5.9, 11.4)	9.0 (6.2, 11.9)	10.9 (7.8, 14.0)	12.1 (9.8, 14.4)	2.9* (0.0, 6.8)
25-39	No	88.2 (85.9, 90.4)	91.1 (89.1, 93.1)	87.8 (85.3, 90.3)	85.7 (83.4, 88.1)	87.9 (86.2, 89.5)	93.2 (89.6, 96.8)
	Yes	11.8 (9.6, 14.1)	8.9 (6.9, 10.9)	12.2 (9.7, 14.7)	14.3 (11.9, 16.6)	12.1 (10.5, 13.8)	6.8 (3.2, 10.4)
40-64	No	87.7 (86.2, 89.1)	88.3 (85.7, 90.9)	89.6 (87.6, 91.6)	89.0 (87.5, 90.5)	89.5 (88.5, 90.5)	91.2 (88.8, 93.6)
	Yes	12.3 (10.9, 13.8)	11.7 (9.1, 14.3)	10.4 (8.4, 12.4)	11.0 (9.5, 12.5)	10.5 (9.5, 11.5)	8.8 (6.4, 11.2)
65-79	No	91.2 (89.6, 92.8)	89.7 (86.2, 93.1)	91.8 (90.2, 93.4)	93.1 (91.3, 94.9)	92.0 (91.0, 93.1)	93.8 (90.3, 97.3)
	Yes	8.8 (7.2, 10.4)	10.3 (6.9, 13.8)	8.2 (6.6, 9.8)	6.9 (5.1, 8.7)	8.0 (6.9, 9.0)	6.2 (2.7, 9.7)
80+	No	94.0 (91.7, 96.3)	93.1 (89.1, 97.1)	96.2* (93.4, 98.9)	93.9 (90.9, 96.8)	93.7 (91.3, 96.0)	90.6* (81.3, 100.0)
	Yes	6.0 (3.7, 8.3)	6.9 (2.9, 10.9)	3.8* (1.1, 6.6)	6.1 (3.2, 9.1)	6.3 (4.0, 8.7)	9.4* (0.0, 18.7)

Note. \* = statistically unstable.

### Delay getting Rx by race



• CHIS    x Experiment

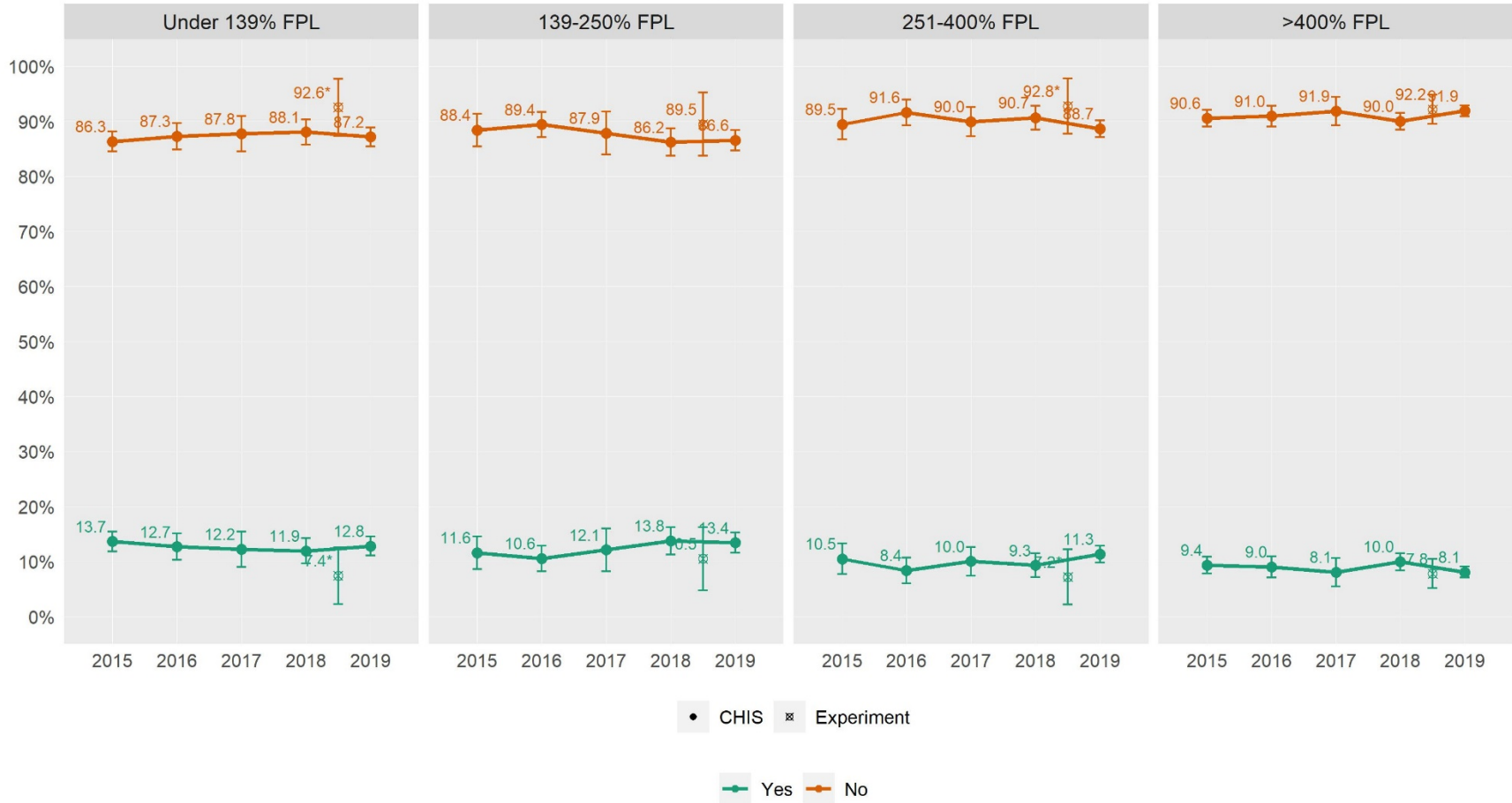
— Yes    — No



Race/ethnicity	Delay getting prescriptions	CHIS 2015	CHIS 2016	CHIS 2017	CHIS 2018	CHIS 2019	Web Experiment
African American	No	87.8 (83.9, 91.8)	89.5 (85.6, 93.4)	89.0 (82.4, 95.5)	87.8 (83.2, 92.4)	83.9 (79.8, 88.1)	92.0* (84.1, 99.9)
	Yes	12.2 (8.2, 16.1)	10.5 (6.6, 14.4)	11.0 (4.5, 17.6)	12.2 (7.6, 16.8)	16.1 (11.9, 20.2)	8.0* (0.1, 15.9)
Asian	No	93.7 (90.7, 96.7)	91.8 (88.6, 95.1)	94.1 (91.2, 97.1)	93.0 (90.6, 95.3)	92.2 (90.6, 93.7)	94.8 (91.7, 97.9)
	Yes	6.3 (3.3, 9.3)	8.2 (4.9, 11.4)	5.9 (2.9, 8.8)	7.0 (4.7, 9.4)	7.8 (6.3, 9.4)	5.2 (2.1, 8.3)
Latino	No	88.8 (87.2, 90.4)	91.0 (89.4, 92.5)	89.8 (87.2, 92.3)	88.1 (86.2, 90.1)	88.5 (87.4, 89.7)	95.0 (92.4, 97.5)
	Yes	11.2 (9.6, 12.8)	9.0 (7.5, 10.6)	10.2 (7.7, 12.8)	11.9 (9.9, 13.8)	11.5 (10.3, 12.6)	5.0 (2.5, 7.6)
Non-Latino White	No	87.7 (86.1, 89.4)	88.8 (87.0, 90.6)	89.1 (87.8, 90.5)	89.1 (87.7, 90.5)	89.8 (88.9, 90.7)	91.5 (88.9, 94.0)
	Yes	12.3 (10.6, 13.9)	11.2 (9.4, 13.0)	10.9 (9.5, 12.2)	10.9 (9.5, 12.3)	10.2 (9.3, 11.1)	8.5 (6.0, 11.1)
Other	No	85.2 (79.8, 90.5)	82.0 (75.6, 88.4)	84.1 (77.9, 90.3)	80.8 (73.6, 87.9)	90.7 (87.5, 93.9)	80.7* (68.6, 92.9)
	Yes	14.8 (9.5, 20.2)	18.0 (11.6, 24.4)	15.9 (9.7, 22.1)	19.2 (12.1, 26.4)	9.3 (6.1, 12.5)	19.3* (7.1, 31.4)

Note. \* = statistically unstable.

### Delay getting Rx by FPL

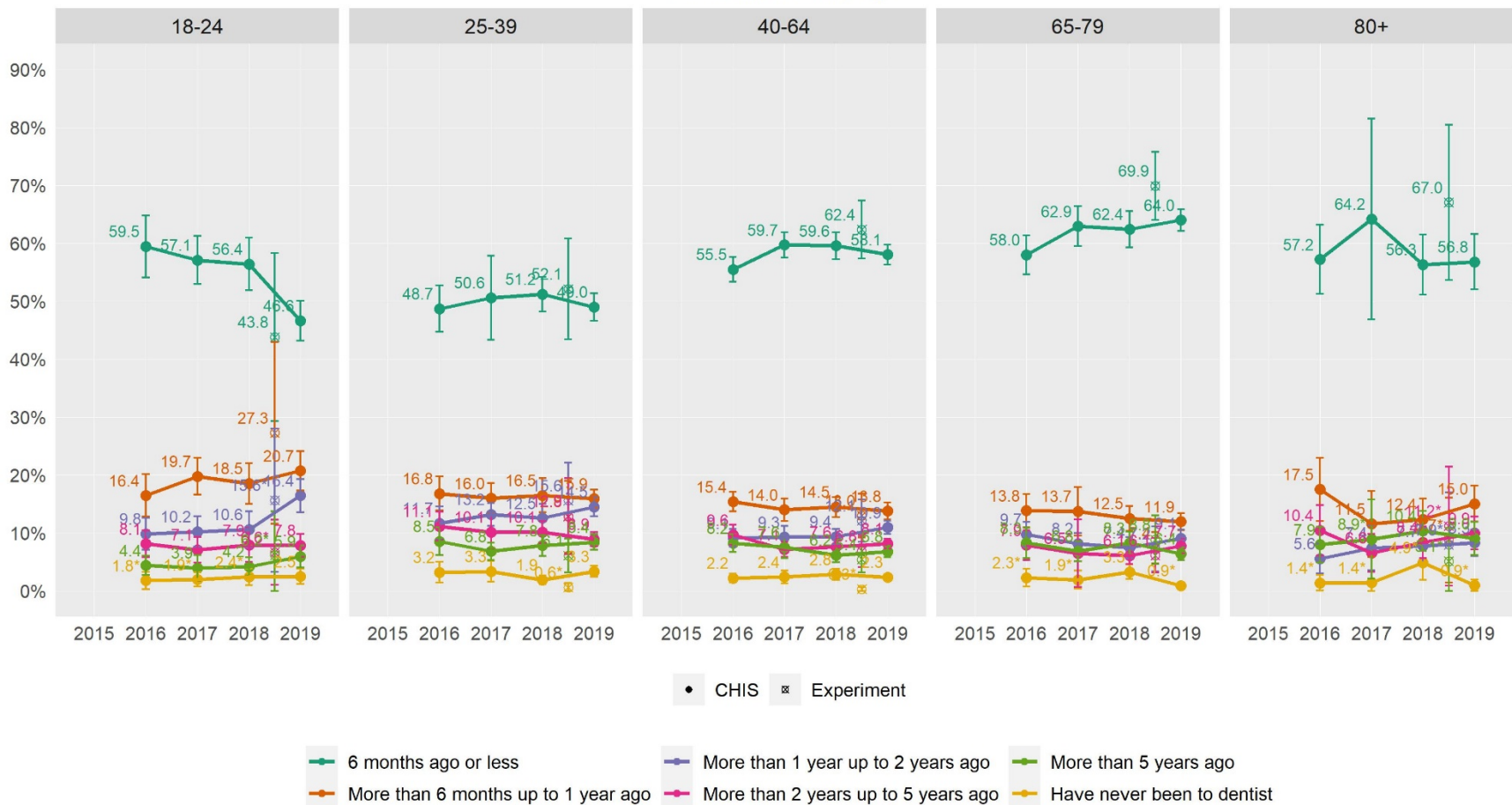


FPL	Delay getting prescriptions	CHIS 2015	CHIS 2016	CHIS 2017	CHIS 2018	CHIS 2019	Web Experiment
Under 139% FPL	No	86.3 (84.5, 88.2)	87.3 (84.9, 89.7)	87.8 (84.5, 91.0)	88.1 (85.8, 90.4)	87.2 (85.5, 88.9)	92.6* (87.4, 97.7)
	Yes	13.7 (11.8, 15.5)	12.7 (10.3, 15.1)	12.2 (9.0, 15.5)	11.9 (9.6, 14.2)	12.8 (11.1, 14.5)	7.4* (2.3, 12.6)
139-250% FPL	No	88.4 (85.5, 91.4)	89.4 (87.1, 91.7)	87.9 (84.0, 91.8)	86.2 (83.7, 88.7)	86.6 (84.7, 88.4)	89.5 (83.7, 95.2)
	Yes	11.6 (8.6, 14.5)	10.6 (8.3, 12.9)	12.1 (8.2, 16.0)	13.8 (11.3, 16.3)	13.4 (11.6, 15.3)	10.5 (4.8, 16.3)
251-400% FPL	No	89.5 (86.7, 92.3)	91.6 (89.3, 94.0)	90.0 (87.3, 92.6)	90.7 (88.5, 92.9)	88.7 (87.1, 90.2)	92.8* (87.8, 97.8)
	Yes	10.5 (7.7, 13.3)	8.4 (6.0, 10.7)	10.0 (7.4, 12.7)	9.3 (7.1, 11.5)	11.3 (9.8, 12.9)	7.2* (2.2, 12.2)
>400% FPL	No	90.6 (89.1, 92.1)	91.0 (89.1, 92.9)	91.9 (89.3, 94.5)	90.0 (88.5, 91.6)	91.9 (90.9, 92.9)	92.2 (89.5, 94.9)
	Yes	9.4 (7.9, 10.9)	9.0 (7.1, 10.9)	8.1 (5.5, 10.7)	10.0 (8.4, 11.5)	8.1 (7.1, 9.1)	7.8 (5.1, 10.5)

Note. \* = statistically unstable.

Last dental visit

Last dental visit by age



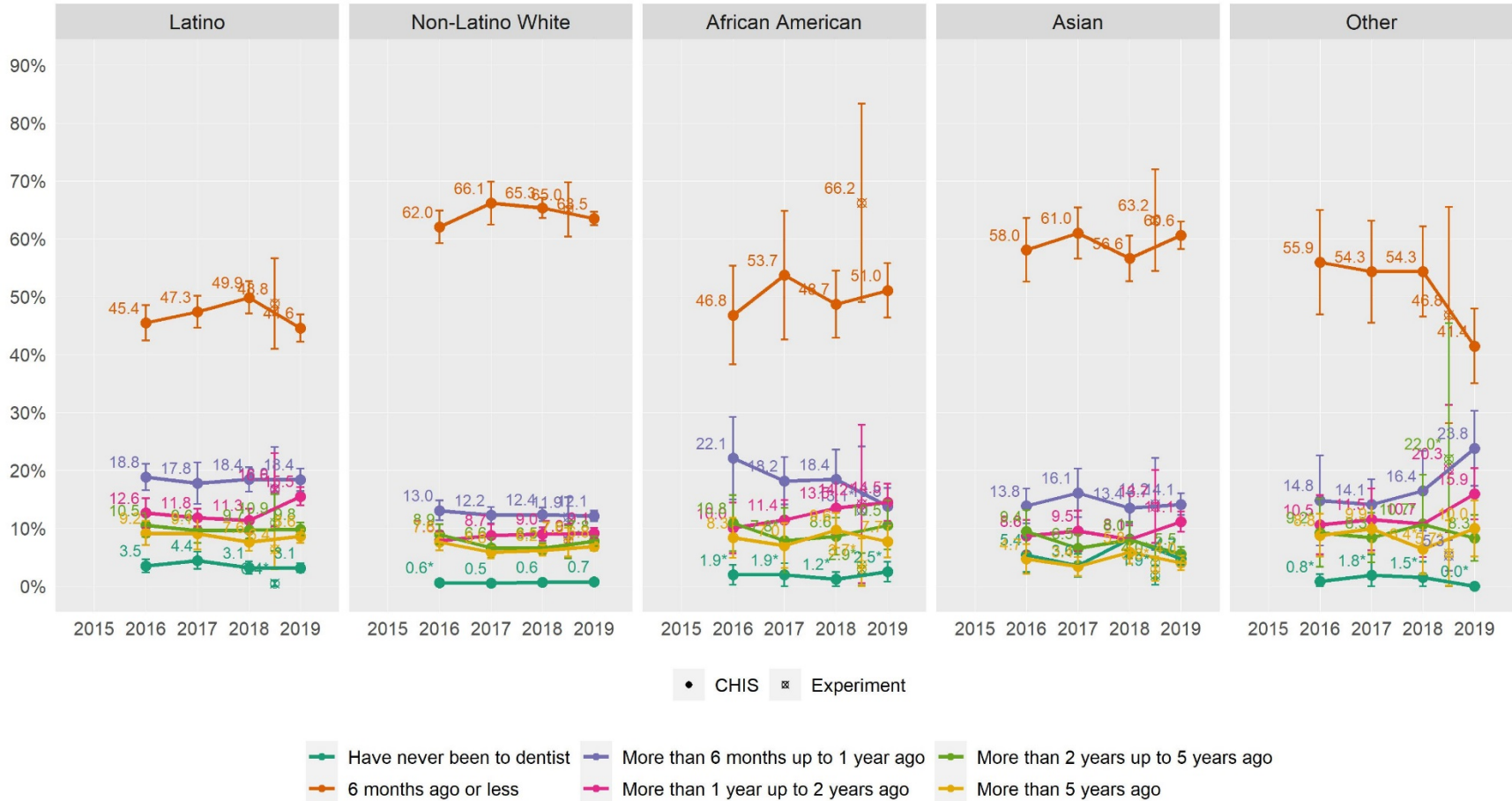
Age	Last dental visit					Web
		CHIS 2016	CHIS 2017	CHIS 2018	CHIS 2019	Experiment
18-24	6 months ago or less	59.5 (54.1, 64.8)	57.1 (52.9, 61.3)	56.4 (51.9, 61.0)	46.6 (43.2, 50.1)	43.8 (29.3, 58.3)
	More than 6 months up to 1 year ago	16.4 (12.8, 20.1)	19.7 (16.6, 22.9)	18.5 (15.0, 22.0)	20.7 (17.3, 24.1)	27.3 (11.6, 43.0)
	More than 1 year up to 2 years ago	9.8 (7.1, 12.6)	10.2 (7.6, 12.8)	10.6 (7.4, 13.7)	16.4 (13.6, 19.3)	15.6* (3.3, 28.0)
	More than 2 years up to 5 years ago	8.1 (5.8, 10.4)	7.1 (4.8, 9.3)	7.9 (5.0, 10.8)	7.8 (5.8, 9.8)	6.6* (1.1, 12.2)
	More than 5 years ago	4.4 (2.7, 6.0)	3.9 (1.7, 6.1)	4.2 (2.6, 5.8)	5.9 (4.0, 7.9)	6.2* (0.0, 13.7)
	Have never been to dentist	1.8* (0.3, 3.3)	1.9* (0.7, 3.1)	2.4* (0.9, 3.9)	2.5 (1.2, 3.8)	- -
	25-39	6 months ago or less	48.7 (44.7, 52.7)	50.6 (43.3, 57.8)	51.2 (48.2, 54.2)	49.0 (46.6, 51.3)
More than 6 months up to 1 year ago		16.8 (13.8, 19.7)	16.0 (13.3, 18.6)	16.5 (13.5, 19.4)	15.9 (14.3, 17.5)	12.8 (6.6, 19.0)
More than 1 year up to 2 years ago		11.7 (8.8, 14.5)	13.2 (11.2, 15.2)	12.5 (10.1, 15.0)	14.5 (12.9, 16.1)	15.6 (9.1, 22.1)
More than 2 years up to 5 years ago		11.1 (8.6, 13.6)	10.1 (7.0, 13.2)	10.1 (8.2, 12.1)	8.9 (7.7, 10.1)	12.9 (6.3, 19.4)
More than 5 years ago		8.5 (6.1, 10.9)	6.8 (5.3, 8.3)	7.8 (6.0, 9.6)	8.4 (7.0, 9.7)	6.1 (3.2, 9.0)
Have never been to dentist		3.2 (1.4, 5.0)	3.3 (1.5, 5.2)	1.9 (1.1, 2.6)	3.3 (2.4, 4.3)	0.6* (0.0, 1.3)
40-64		6 months ago or less	55.5 (53.3, 57.6)	59.7 (57.5, 61.9)	59.6 (57.2, 61.9)	58.1 (56.3, 59.8)
	More than 6 months up to 1 year ago	15.4 (13.7, 17.1)	14.0 (12.1, 15.9)	14.5 (12.7, 16.2)	13.8 (12.3, 15.2)	13.0 (9.2, 16.7)
	More than 1 year up to 2 years ago	9.1 (7.6, 10.6)	9.3 (7.3, 11.2)	9.4 (8.1, 10.7)	10.9 (9.8, 12.1)	12.1 (8.5, 15.8)
	More than 2 years up to 5 years ago	9.6 (7.9, 11.4)	7.1 (5.8, 8.4)	7.6 (6.1, 9.0)	8.1 (7.3, 9.0)	6.8 (4.1, 9.6)

(continued)

	More than 5 years ago	8.2 (6.7, 9.8)	7.6 (5.6, 9.5)	6.2 (5.0, 7.4)	6.8 (5.8, 7.8)	5.4 (3.2, 7.6)
	Have never been to dentist	2.2 (1.4, 2.9)	2.4 (1.3, 3.5)	2.8 (1.9, 3.8)	2.3 (1.8, 2.9)	0.3* (0.0, 0.7)
65-79	6 months ago or less	58 (54.6, 61.4)	62.9 (59.5, 66.4)	62.4 (59.3, 65.5)	64.0 (62.1, 65.9)	69.9 (64.0, 75.8)
	More than 6 months up to 1 year ago	13.8 (11.0, 16.7)	13.7 (9.5, 17.9)	12.5 (10.4, 14.7)	11.9 (10.4, 13.4)	7.4 (4.7, 10.1)
	More than 1 year up to 2 years ago	9.7 (7.6, 11.9)	8.2 (6.4, 9.9)	7.4 (5.6, 9.3)	9.1 (7.5, 10.6)	7.2 (3.3, 11.1)
	More than 2 years up to 5 years ago	7.9 (5.3, 10.5)	6.5* (0.7, 12.3)	6.1 (4.6, 7.6)	7.7 (6.5, 9.0)	6.1 (3.1, 9.1)
	More than 5 years ago	8.3 (5.6, 10.9)	6.8 (5.1, 8.6)	8.3 (6.3, 10.2)	6.4 (5.3, 7.5)	8.8 (4.6, 13.0)
	Have never been to dentist	2.3* (0.7, 3.8)	1.9* (0.3, 3.5)	3.3 (2.0, 4.5)	0.9* (0.3, 1.4)	- -
80+	6 months ago or less	57.2 (51.2, 63.1)	64.2 (46.9, 81.5)	56.3 (51.1, 61.5)	56.8 (52.0, 61.6)	67.0 (53.7, 80.4)
	More than 6 months up to 1 year ago	17.5 (12.1, 22.9)	11.5 (5.8, 17.3)	12.4 (8.8, 15.9)	15.0 (11.9, 18.1)	8.7* (1.4, 16.0)
	More than 1 year up to 2 years ago	5.6 (3.0, 8.1)	7.4 (3.5, 11.3)	7.7 (4.6, 10.8)	8.3 (6.0, 10.6)	7.9* (0.0, 17.0)
	More than 2 years up to 5 years ago	10.4 (6.1, 14.8)	6.6 (3.3, 9.8)	8.4 (5.6, 11.1)	9.9 (7.1, 12.8)	11.2* (0.9, 21.4)
	More than 5 years ago	7.9 (4.8, 11.0)	8.9* (2.1, 15.7)	10.4 (6.9, 13.8)	9.0 (6.1, 11.9)	5.1* (0.0, 10.8)
	Have never been to dentist	1.4* (0.0, 2.7)	1.4* (0.0, 3.6)	4.9* (1.8, 7.9)	0.9* (0.0, 1.9)	- -

Note. \* = statistically unstable. – = suppressed due to small sample size.

### Last dental visit by race



Race/ethnicity	Last dental event	CHIS 2016	CHIS 2017	CHIS 2018	CHIS 2019	Web Experiment
African American	6 months ago or less	46.8 (38.3, 55.3)	53.7 (42.6, 64.8)	48.7 (42.9, 54.5)	51.0 (46.3, 55.7)	66.2 (49.1, 83.3)
	More than 6 months up to 1 year ago	22.1 (14.9, 29.2)	18.2 (14.1, 22.2)	18.4 (13.3, 23.6)	13.8 (10.6, 16.9)	13.1* (2.0, 24.1)
	More than 1 year up to 2 years ago	10.0 (5.6, 14.4)	11.4 (7.9, 14.9)	13.5 (8.7, 18.3)	14.5 (11.3, 17.7)	14.2* (0.5, 27.8)
	More than 2 years up to 5 years ago	10.8 (6.0, 15.7)	7.8* (2.2, 13.5)	8.6 (5.4, 11.8)	10.5 (6.3, 14.8)	2.9* (0.1, 5.7)
	More than 5 years ago	8.3 (4.9, 11.8)	7.0 (3.1, 10.9)	9.6 (6.6, 12.6)	7.7 (4.9, 10.5)	3.7* (0.0, 8.2)
	Have never been to dentist	1.9* (0.2, 3.7)	1.9* (0.0, 4.0)	1.2* (0.0, 2.4)	2.5* (0.7, 4.2)	- -
	Asian	6 months ago or less	58.0 (52.6, 63.5)	61.0 (56.6, 65.4)	56.6 (52.6, 60.5)	60.6 (58.2, 63.0)
More than 6 months up to 1 year ago		13.8 (10.8, 16.9)	16.1 (11.9, 20.3)	13.4 (10.9, 16.0)	14.1 (12.3, 16.0)	14.2 (6.2, 22.1)
More than 1 year up to 2 years ago		8.6 (5.9, 11.4)	9.5 (6.0, 13.0)	8.1 (5.7, 10.5)	11.1 (9.4, 12.9)	13.7 (7.4, 20.0)
More than 2 years up to 5 years ago		9.4 (5.8, 13.1)	6.5 (4.1, 8.9)	8.0 (4.8, 11.1)	5.5 (4.3, 6.8)	4.0* (1.3, 6.7)
More than 5 years ago		4.7 (2.1, 7.2)	3.4 (1.7, 5.0)	5.8 (3.9, 7.8)	4.0 (2.7, 5.2)	3.0* (0.9, 5.1)
Have never been to dentist		5.4 (2.4, 8.4)	3.6 (1.6, 5.5)	8.1 (5.8, 10.4)	4.7 (3.6, 5.7)	1.9* (0.2, 3.5)
Latino		6 months ago or less	45.4 (42.4, 48.5)	47.3 (44.6, 50.1)	49.9 (47.1, 52.6)	44.6 (42.2, 46.9)
	More than 6 months up to 1 year ago	18.8 (16.5, 21.1)	17.8 (14.1, 21.4)	18.4 (16.3, 20.5)	18.4 (16.4, 20.3)	16.9 (9.7, 24.0)
	More than 1 year up to 2 years ago	12.6 (10.0, 15.2)	11.8 (10.3, 13.3)	11.3 (9.4, 13.3)	15.5 (13.9, 17.1)	16.6 (10.2, 23.0)
	More than 2 years up to 5 years ago	10.5 (8.4, 12.6)	9.6 (7.5, 11.7)	9.7 (8.2, 11.1)	9.8 (8.7, 11.0)	10.9 (6.0, 15.8)

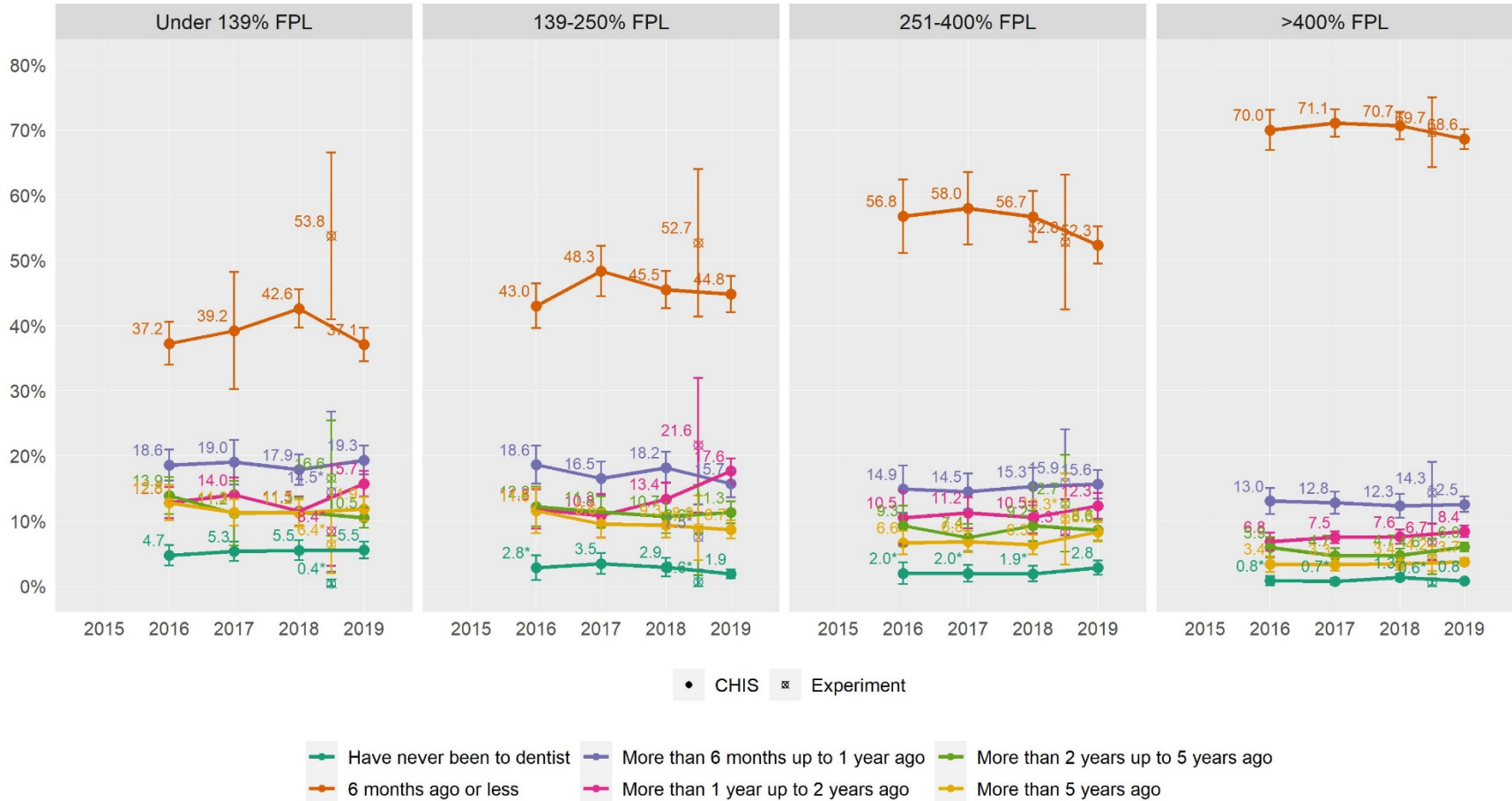
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	More than 5 years ago	9.2 (7.1, 11.2)	9.1 (6.3, 11.9)	7.6 (6.1, 9.0)	8.6 (7.5, 9.8)	6.4 (2.8, 9.9)
	Have never been to dentist	3.5 (2.4, 4.6)	4.4 (2.9, 5.9)	3.1 (2.1, 4.2)	3.1 (2.3, 4.0)	0.4* (0.0, 1.0)
Non-Latino White	6 months ago or less	62.0 (59.2, 64.8)	66.1 (62.4, 69.8)	65.3 (63.6, 67.1)	63.5 (62.3, 64.6)	65.0 (60.3, 69.7)
	More than 6 months up to 1 year ago	13.0 (11.3, 14.8)	12.2 (10.8, 13.7)	12.4 (11.2, 13.5)	12.1 (11.2, 13.0)	11.9 (8.5, 15.3)
	More than 1 year up to 2 years ago	7.8 (6.1, 9.5)	8.7 (6.9, 10.6)	9.0 (7.9, 10.1)	9.1 (8.3, 10.0)	7.9 (5.1, 10.7)
	More than 2 years up to 5 years ago	8.9 (7.2, 10.6)	6.6 (4.8, 8.4)	6.5 (5.6, 7.5)	7.8 (6.9, 8.6)	7.6 (4.8, 10.4)
	More than 5 years ago	7.6 (6.2, 9.1)	5.8 (4.8, 6.8)	6.2 (5.2, 7.1)	6.8 (6.1, 7.5)	7.6 (5.1, 10.1)
	Have never been to dentist	0.6* (0.1, 1.1)	0.5 (0.2, 0.7)	0.6 (0.3, 1.0)	0.7 (0.4, 1.1)	- -
	Other	6 months ago or less	55.9 (46.9, 64.9)	54.3 (45.5, 63.1)	54.3 (46.5, 62.1)	41.4 (35.0, 47.9)
	More than 6 months up to 1 year ago	14.8 (7.0, 22.6)	14.1 (9.7, 18.5)	16.4 (9.5, 23.4)	23.8 (17.3, 30.3)	5.3 (2.7, 7.9)
	More than 1 year up to 2 years ago	10.5 (5.4, 15.7)	11.5 (6.2, 16.8)	10.7 (5.0, 16.4)	15.9 (11.5, 20.3)	20.3 (9.3, 31.3)
	More than 2 years up to 5 years ago	9.2* (3.3, 15.1)	8.3 (4.1, 12.6)	10.7* (2.2, 19.2)	8.3 (4.3, 12.3)	22.0* (0.0, 45.4)
	More than 5 years ago	8.8 (5.1, 12.5)	9.9 (5.7, 14.2)	6.4* (2.0, 10.8)	10.0 (5.1, 14.8)	5.7* (0.0, 11.3)
	Have never been to dentist	0.8* (0.0, 2.1)	1.8* (0.0, 5.4)	1.5* (0.0, 4.1)	- -	- -

Note. \* = statistically unstable. -- = suppressed due to small sample size.

Last dental visit by FPL



FPL	Last dental visit	CHIS 2016	CHIS 2017	CHIS 2018	CHIS 2019	Web Experiment
Under 139% FPL	6 months ago or less	37.2 (34.0, 40.5)	39.2 (30.2, 48.2)	42.6 (39.7, 45.5)	37.1 (34.5, 39.7)	53.8 (41.0, 66.5)
	More than 6 months up to 1 year ago	18.6 (16.2, 21.0)	19.0 (15.6, 22.4)	17.9 (15.5, 20.2)	19.3 (17.1, 21.5)	14.5* (2.2, 26.7)
	More than 1 year up to 2 years ago	12.8 (10.4, 15.1)	14.0 (11.4, 16.6)	11.5 (9.2, 13.7)	15.7 (13.8, 17.7)	8.4* (3.1, 13.8)
	More than 2 years up to 5 years ago	13.9 (11.0, 16.8)	11.2 (6.2, 16.1)	11.3 (9.1, 13.6)	10.5 (8.9, 12.1)	16.6 (7.7, 25.4)
	More than 5 years ago	12.8 (10.1, 15.5)	11.3 (9.2, 13.3)	11.2 (9.2, 13.2)	11.9 (10.0, 13.7)	6.4* (2.0, 10.8)
	Have never been to dentist	4.7 (3.2, 6.3)	5.3 (3.8, 6.8)	5.5 (4.0, 7.0)	5.5 (4.2, 6.8)	- -
	139-250% FPL	6 months ago or less	43.0 (39.6, 46.4)	48.3 (44.5, 52.2)	45.5 (42.7, 48.4)	44.8 (42.1, 47.6)
More than 6 months up to 1 year ago		18.6 (15.7, 21.5)	16.5 (13.9, 19.1)	18.2 (15.8, 20.6)	15.7 (13.6, 17.8)	7.5* (2.5, 12.5)
More than 1 year up to 2 years ago		11.8 (8.8, 14.8)	10.8 (7.4, 14.2)	13.4 (10.8, 15.9)	17.6 (15.7, 19.6)	21.6 (11.3, 32.0)
More than 2 years up to 5 years ago		12.2 (9.1, 15.2)	11.3 (8.9, 13.7)	10.7 (8.1, 13.3)	11.3 (9.6, 13.0)	8.6* (1.6, 15.5)
More than 5 years ago		11.6 (8.1, 15.0)	9.6 (7.3, 11.8)	9.3 (7.4, 11.3)	8.7 (7.3, 10.1)	8.9 (4.0, 13.9)
Have never been to dentist		2.8* (0.9, 4.7)	3.5 (1.9, 5.0)	2.9 (1.5, 4.3)	1.9 (1.2, 2.6)	- -
251-400% FPL		6 months ago or less	56.8 (51.2, 62.4)	58.0 (52.4, 63.6)	56.7 (52.8, 60.6)	52.3 (49.5, 55.2)
	More than 6 months up to 1 year ago	14.9 (11.3, 18.5)	14.5 (11.8, 17.3)	15.3 (12.4, 18.1)	15.6 (13.4, 17.8)	15.9 (7.7, 24.1)

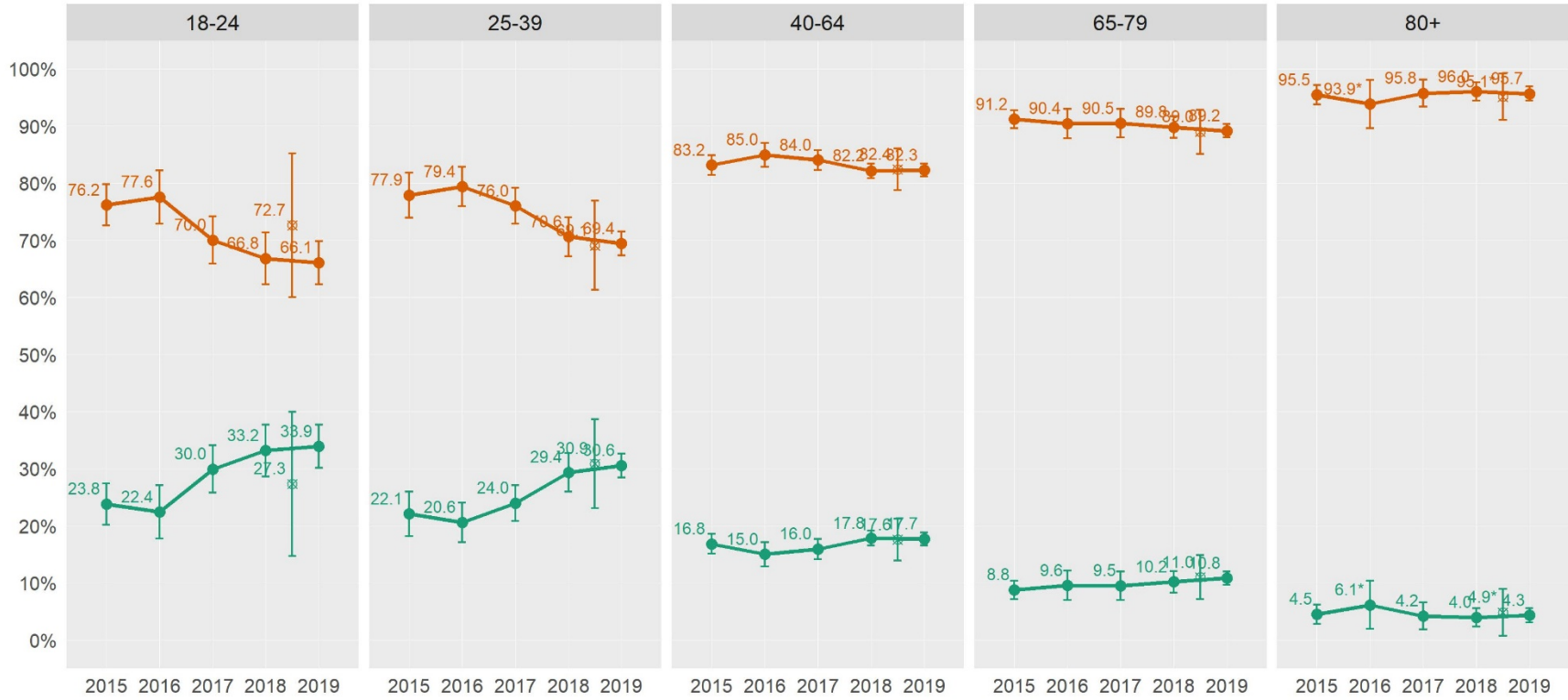
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	More than 1 year up to 2 years ago	10.5 (6.4, 14.5)	11.2 (8.9, 13.6)	10.5 (8.1, 12.9)	12.3 (10.3, 14.3)	8.3* (3.3, 13.3)
	More than 2 years up to 5 years ago	9.3 (6.2, 12.3)	7.4 (5.3, 9.6)	9.2 (6.9, 11.6)	8.6 (7.0, 10.2)	12.7 (5.3, 20.1)
	More than 5 years ago	6.6 (4.9, 8.4)	6.8 (5.2, 8.4)	6.3 (4.9, 7.8)	8.3 (6.8, 9.8)	10.3* (3.3, 17.3)
	Have never been to dentist	2.0* (0.3, 3.7)	2.0* (0.7, 3.3)	1.9* (0.7, 3.1)	2.8 (1.8, 3.9)	- -
>400% FPL	6 months ago or less	70.0 (67.0, 73.1)	71.1 (69.0, 73.2)	70.7 (68.6, 72.8)	68.6 (67.1, 70.1)	69.7 (64.3, 75.0)
	More than 6 months up to 1 year ago	13.0 (11.0, 15.1)	12.8 (11.1, 14.5)	12.3 (10.5, 14.1)	12.5 (11.4, 13.7)	14.3 (9.6, 19.1)
	More than 1 year up to 2 years ago	6.8 (5.5, 8.2)	7.5 (6.6, 8.4)	7.6 (6.5, 8.6)	8.4 (7.5, 9.2)	6.7 (4.0, 9.5)
	More than 2 years up to 5 years ago	5.9 (4.4, 7.5)	4.7 (3.5, 5.8)	4.7 (3.7, 5.7)	6.0 (5.3, 6.7)	4.6* (1.8, 7.3)
	More than 5 years ago	3.4 (2.1, 4.6)	3.3 (2.3, 4.3)	3.4 (2.5, 4.4)	3.7 (3.1, 4.3)	4.2 (2.3, 6.0)
	Have never been to dentist	0.8* (0.1, 1.5)	0.7* (0.2, 1.2)	1.3 (0.7, 1.9)	0.8 (0.5, 1.0)	0.6* (0.0, 1.2)

Note. \* = statistically unstable. -- = suppressed due to small sample size.

Needed help for mental health

Needed help for mental health by age



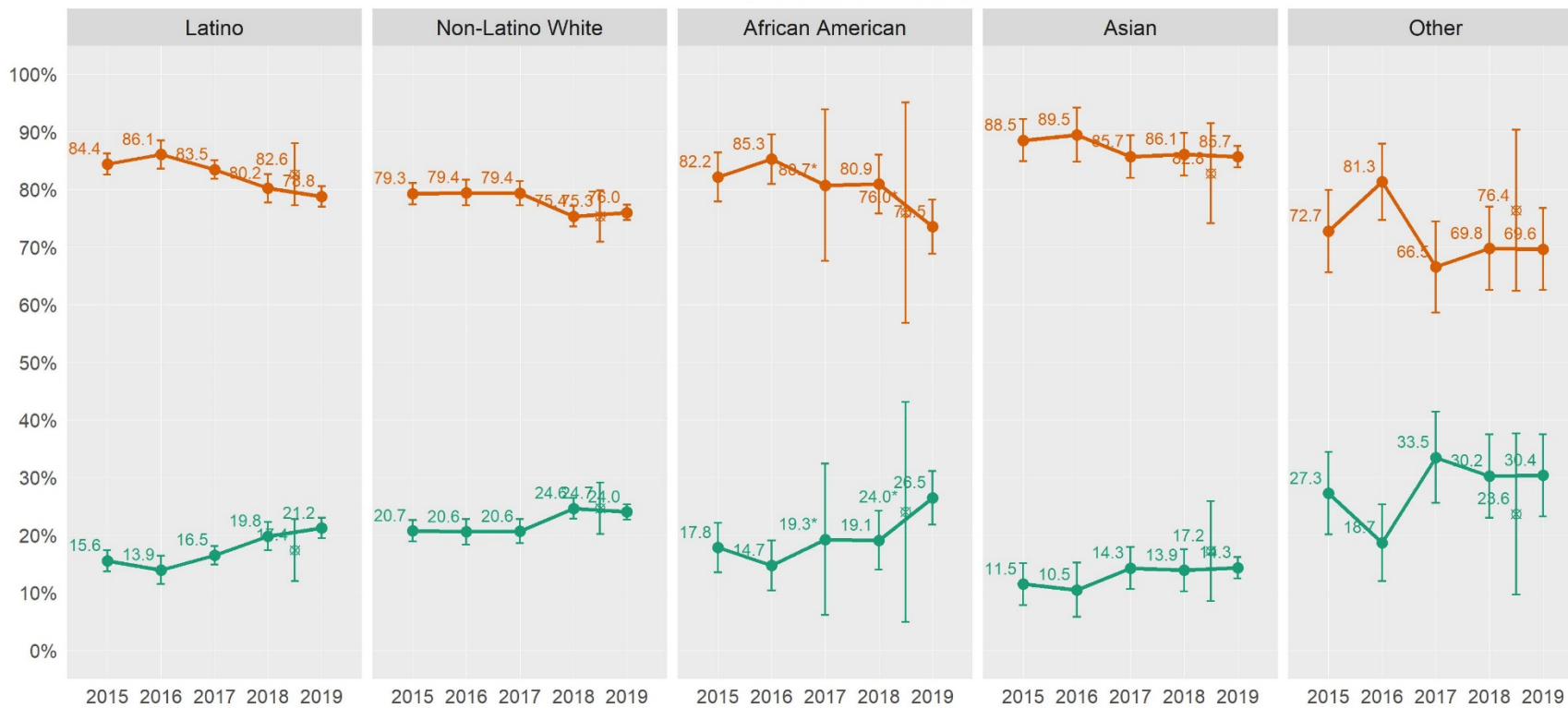
• CHIS    ✕ Experiment

— Yes    — No

Age	Needed help for mental health	CHIS					Web
		2015	2016	2017	2018	2019	Experiment
18-24	No	76.2 (72.6, 79.8)	77.6 (72.9, 82.2)	70.0 (65.9, 74.2)	66.8 (62.3, 71.3)	66.1 (62.3, 69.8)	72.7 (60.1, 85.2)
	Yes	23.8 (20.2, 27.4)	22.4 (17.8, 27.1)	30.0 (25.8, 34.1)	33.2 (28.7, 37.7)	33.9 (30.2, 37.7)	27.3 (14.8, 39.9)
25-39	No	77.9 (74.0, 81.8)	79.4 (75.9, 82.9)	76.0 (72.9, 79.2)	70.6 (67.2, 74.1)	69.4 (67.3, 71.5)	69.1 (61.3, 76.9)
	Yes	22.1 (18.2, 26.0)	20.6 (17.1, 24.1)	24.0 (20.8, 27.1)	29.4 (25.9, 32.8)	30.6 (28.5, 32.7)	30.9 (23.1, 38.7)
40-64	No	83.2 (81.4, 84.9)	85.0 (82.9, 87.1)	84.0 (82.3, 85.8)	82.2 (80.9, 83.4)	82.3 (81.2, 83.4)	82.4 (78.8, 86.1)
	Yes	16.8 (15.1, 18.6)	15.0 (12.9, 17.1)	16.0 (14.2, 17.7)	17.8 (16.6, 19.1)	17.7 (16.6, 18.8)	17.6 (13.9, 21.2)
65-79	No	91.2 (89.6, 92.8)	90.4 (87.8, 93.0)	90.5 (88.0, 93.0)	89.8 (87.9, 91.7)	89.2 (88.0, 90.3)	89.0 (85.1, 92.8)
	Yes	8.8 (7.2, 10.4)	9.6 (7.0, 12.2)	9.5 (7.0, 12.0)	10.2 (8.3, 12.1)	10.8 (9.7, 12.0)	11.0 (7.2, 14.9)
80+	No	95.5 (93.8, 97.2)	93.9* (89.6, 98.1)	95.8 (93.4, 98.1)	96.0 (94.5, 97.6)	95.7 (94.4, 96.9)	95.1* (91.1, 99.2)
	Yes	4.5 (2.8, 6.2)	6.1* (1.9, 10.4)	4.2 (1.9, 6.6)	4.0 (2.4, 5.5)	4.3 (3.1, 5.6)	4.9* (0.8, 8.9)

Note. \* = statistically unstable.

Needed help for mental health by race



• CHIS    ✕ Experiment

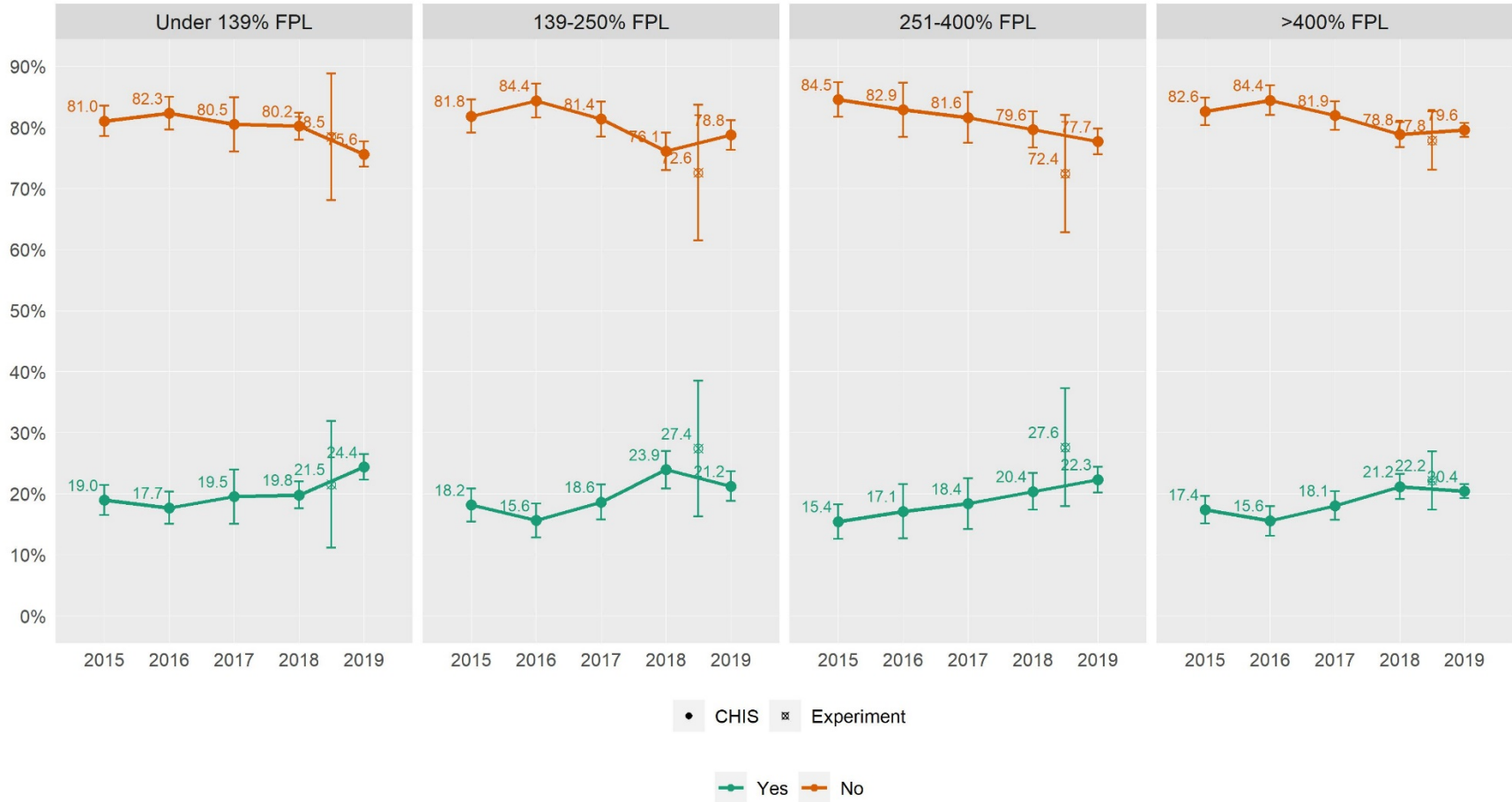
— Yes    — No

Race/ethnicity	Needed help for mental health	CHIS 2015	CHIS 2016	CHIS 2017	CHIS 2018	CHIS 2019	Web Experiment
African American	No	82.2 (77.9, 86.4)	85.3 (80.9, 89.6)	80.7* (67.6, 93.9)	80.9 (75.8, 86.0)	73.5 (68.8, 78.2)	76.0* (56.9, 95.1)
	Yes	17.8 (13.6, 22.1)	14.7 (10.4, 19.1)	19.3* (6.1, 32.4)	19.1 (14.0, 24.2)	26.5 (21.8, 31.2)	24.0* (4.9, 43.1)
Asian	No	88.5 (84.9, 92.2)	89.5 (84.8, 94.2)	85.7 (82.0, 89.4)	86.1 (82.4, 89.8)	85.7 (83.8, 87.5)	82.8 (74.1, 91.5)
	Yes	11.5 (7.8, 15.1)	10.5 (5.8, 15.2)	14.3 (10.6, 18.0)	13.9 (10.2, 17.6)	14.3 (12.5, 16.2)	17.2 (8.5, 25.9)
Latino	No	84.4 (82.6, 86.3)	86.1 (83.6, 88.5)	83.5 (81.9, 85.1)	80.2 (77.7, 82.7)	78.8 (77.0, 80.6)	82.6 (77.2, 88.0)
	Yes	15.6 (13.7, 17.4)	13.9 (11.5, 16.4)	16.5 (14.9, 18.1)	19.8 (17.3, 22.3)	21.2 (19.4, 23.0)	17.4 (12.0, 22.8)
Non-Latino White	No	79.3 (77.4, 81.1)	79.4 (77.3, 81.6)	79.4 (77.3, 81.4)	75.4 (73.5, 77.2)	76.0 (74.6, 77.3)	75.3 (70.9, 79.8)
	Yes	20.7 (18.9, 22.6)	20.6 (18.4, 22.7)	20.6 (18.6, 22.7)	24.6 (22.8, 26.5)	24.0 (22.7, 25.4)	24.7 (20.2, 29.1)
Other	No	72.7 (65.6, 79.9)	81.3 (74.7, 88.0)	66.5 (58.6, 74.5)	69.8 (62.5, 77.0)	69.6 (62.5, 76.7)	76.4 (62.4, 90.3)
	Yes	27.3 (20.1, 34.4)	18.7 (12.0, 25.3)	33.5 (25.5, 41.4)	30.2 (23.0, 37.5)	30.4 (23.3, 37.5)	23.6 (9.7, 37.6)

Note. \* = statistically unstable.



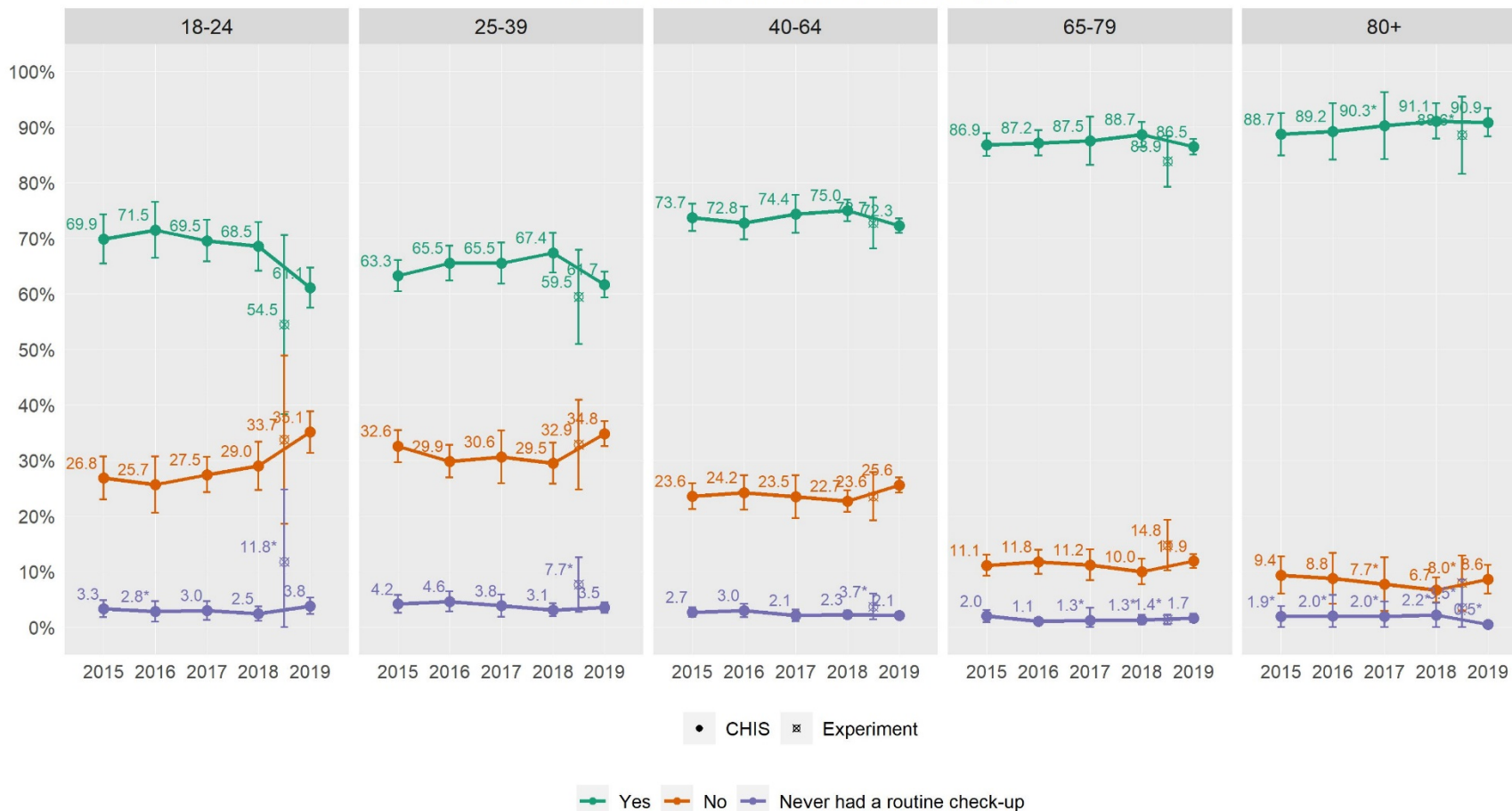
Needed help for mental health by FPL



FPL	Needed help for mental health	CHIS 2015	CHIS 2016	CHIS 2017	CHIS 2018	CHIS 2019	Web Experiment
Under 139% FPL	No	81.0 (78.6, 83.5)	82.3 (79.6, 85.0)	80.5 (76.0, 85.0)	80.2 (78.0, 82.4)	75.6 (73.5, 77.7)	78.5 (68.1, 88.9)
	Yes	19.0 (16.5, 21.4)	17.7 (15.0, 20.4)	19.5 (15.0, 24.0)	19.8 (17.6, 22.0)	24.4 (22.3, 26.5)	21.5 (11.1, 31.9)
139-250% FPL	No	81.8 (79.2, 84.5)	84.4 (81.6, 87.2)	81.4 (78.5, 84.2)	76.1 (73.0, 79.2)	78.8 (76.3, 81.2)	72.6 (61.5, 83.7)
	Yes	18.2 (15.5, 20.8)	15.6 (12.8, 18.4)	18.6 (15.8, 21.5)	23.9 (20.8, 27.0)	21.2 (18.8, 23.7)	27.4 (16.3, 38.5)
251-400% FPL	No	84.5 (81.7, 87.4)	82.9 (78.4, 87.3)	81.6 (77.5, 85.8)	79.6 (76.7, 82.6)	77.7 (75.6, 79.8)	72.4 (62.8, 82.1)
	Yes	15.4 (12.6, 18.3)	17.1 (12.7, 21.6)	18.4 (14.2, 22.5)	20.4 (17.4, 23.3)	22.3 (20.2, 24.4)	27.6 (17.9, 37.2)
>400% FPL	No	82.6 (80.3, 84.9)	84.4 (82.0, 86.9)	81.9 (79.6, 84.3)	78.8 (76.7, 80.9)	79.6 (78.4, 80.8)	77.8 (73.1, 82.6)
	Yes	17.4 (15.1, 19.7)	15.6 (13.1, 18.0)	18.1 (15.7, 20.4)	21.2 (19.1, 23.3)	20.4 (19.2, 21.6)	22.2 (17.4, 26.9)

Routine check-up in the past 12 months

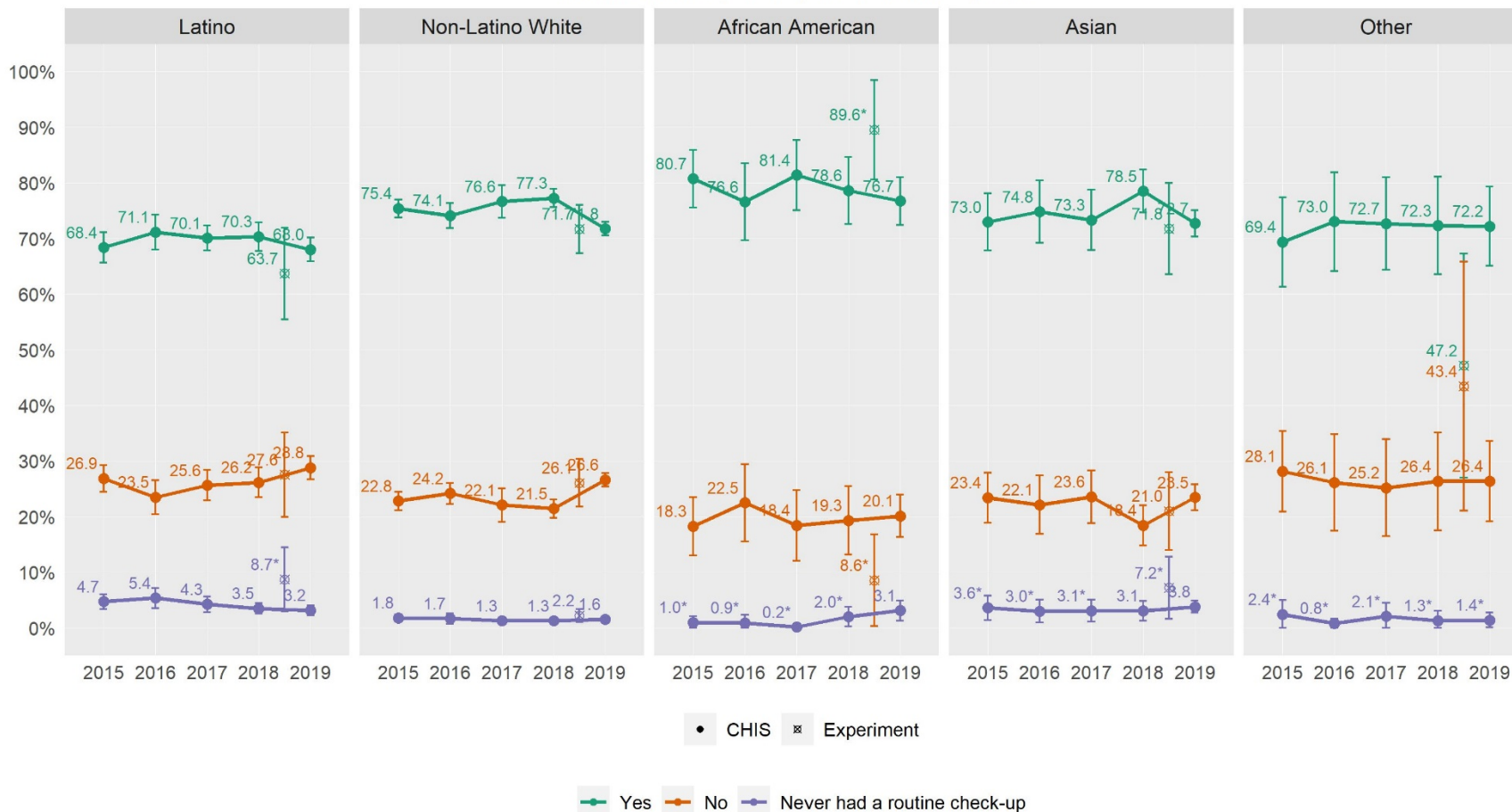
Routine check-up in the past 12 months by age



Age	Routine check-up in past 12 months	CHIS					Web
		2015	2016	2017	2018	2019	Experiment
18-24	Yes	69.9 (65.4, 74.3)	71.5 (66.5, 76.5)	69.5 (65.8, 73.3)	68.5 (64.2, 72.9)	61.1 (57.4, 64.7)	54.5 (38.4, 70.6)
	No	26.8 (23.0, 30.7)	25.7 (20.6, 30.7)	27.5 (24.3, 30.6)	29 (24.7, 33.4)	35.1 (31.4, 38.9)	33.7 (18.6, 48.9)
	Never had a routine check-up	3.3 (1.8, 4.8)	2.8* (1.0, 4.7)	3.0 (1.3, 4.7)	2.5 (1.2, 3.7)	3.8 (2.3, 5.3)	11.8* (0.0, 24.8)
25-39	Yes	63.3 (60.5, 66.0)	65.5 (62.4, 68.6)	65.5 (61.8, 69.2)	67.4 (63.8, 71.0)	61.7 (59.3, 64.0)	59.5 (51.0, 67.9)
	No	32.6 (29.7, 35.5)	29.9 (26.9, 32.8)	30.6 (25.9, 35.4)	29.5 (25.8, 33.2)	34.8 (32.6, 37.0)	32.9 (24.8, 40.9)
	Never had a routine check-up	4.2 (2.6, 5.8)	4.6 (2.8, 6.4)	3.8 (1.8, 5.9)	3.1 (1.9, 4.3)	3.5 (2.6, 4.5)	7.7* (2.8, 12.6)
40-64	Yes	73.7 (71.3, 76.2)	72.8 (69.8, 75.7)	74.4 (71.0, 77.8)	75.0 (73.1, 77.0)	72.3 (71.0, 73.6)	72.7 (68.1, 77.4)
	No	23.6 (21.2, 25.9)	24.2 (21.2, 27.3)	23.5 (19.7, 27.3)	22.7 (20.8, 24.6)	25.6 (24.2, 26.9)	23.6 (19.2, 27.9)
	Never had a routine check-up	2.7 (1.9, 3.5)	3.0 (1.8, 4.2)	2.1 (1.1, 3.1)	2.3 (1.6, 3.0)	2.1 (1.6, 2.7)	3.7* (1.4, 6.0)
65-79	Yes	86.9 (84.8, 88.9)	87.2 (84.9, 89.4)	87.5 (83.2, 91.9)	88.7 (86.4, 90.9)	86.5 (85.0, 87.9)	83.9 (79.3, 88.4)
	No	11.1 (9.2, 13.0)	11.8 (9.6, 13.9)	11.2 (8.4, 14.0)	10.0 (7.7, 12.3)	11.9 (10.6, 13.1)	14.8 (10.2, 19.3)
	Never had a routine check-up	2.0 (0.9, 3.1)	1.1 (0.5, 1.7)	1.3* (0.0, 3.4)	1.3* (0.5, 2.2)	1.7 (0.9, 2.4)	1.4* (0.5, 2.3)
80+	Yes	88.7 (84.9, 92.5)	89.2 (84.2, 94.3)	90.3* (84.3, 96.3)	91.1 (87.9, 94.3)	90.9 (88.3, 93.4)	88.6* (81.6, 95.5)
	No	9.4 (6.1, 12.7)	8.8 (4.2, 13.3)	7.7* (2.9, 12.5)	6.7 (4.5, 8.9)	8.6 (6.1, 11.2)	8.0* (3.0, 12.9)
	Never had a routine check-up	1.9* (0.0, 3.8)	2.0* (0.0, 5.8)	2.0* (0.0, 4.6)	2.2* (0.0, 4.3)	0.5* (0.2, 0.9)	3.5* (0.0, 8.5)

Note. \* = statistically unstable.

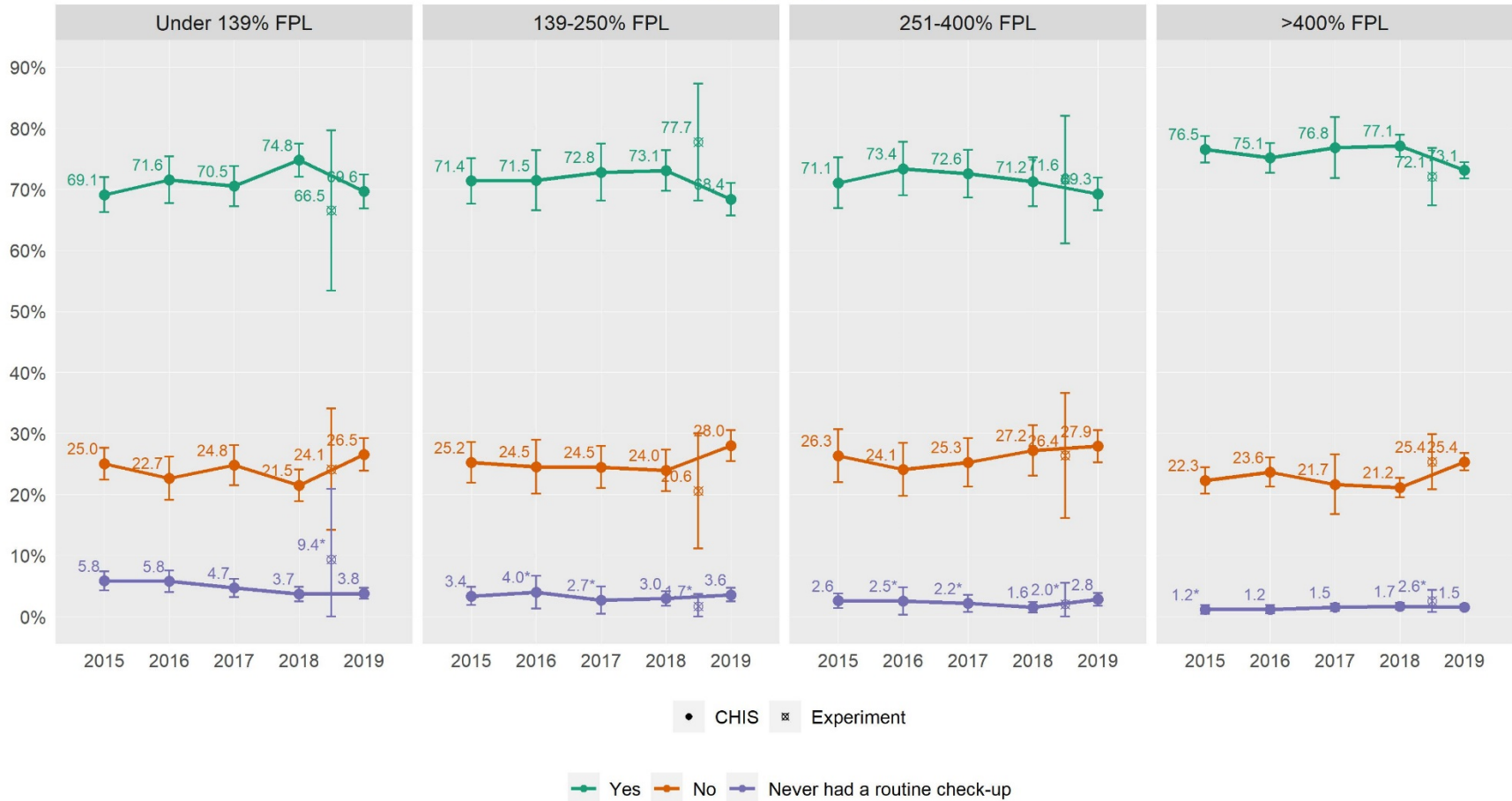
Routine check-up in the past 12 months by race



Race/ethnicity	Routine check-up in past 12 months	CHIS					Web Experiment
		2015	2016	2017	2018	2019	
African American	Yes	80.7 (75.6, 85.9)	76.6 (69.7, 83.5)	81.4 (75.1, 87.7)	78.6 (72.6, 84.7)	76.7 (72.4, 81.1)	89.6* (80.6, 98.5)
	No	18.3 (13.0, 23.5)	22.5 (15.5, 29.4)	18.4 (12.1, 24.8)	19.3 (13.2, 25.5)	20.1 (16.3, 24.0)	8.6* (0.3, 16.8)
	Never had a routine check-up	1.0* (0.0, 2.1)	0.9* (0.0, 2.3)	0.2* (0.0, 0.4)	2.0* (0.3, 3.8)	3.1 (1.3, 4.9)	- -
Asian	Yes	73.0 (67.8, 78.1)	74.8 (69.2, 80.4)	73.3 (67.9, 78.8)	78.5 (74.6, 82.4)	72.7 (70.4, 75.1)	71.8 (63.6, 80.0)
	No	23.4 (18.9, 27.9)	22.1 (16.9, 27.4)	23.6 (18.8, 28.3)	18.4 (14.8, 22.0)	23.5 (21.2, 25.8)	21.0 (14.0, 28.0)
	Never had a routine check-up	3.6* (1.4, 5.8)	3.0* (1.0, 5.1)	3.1* (1.1, 5.0)	3.1 (1.3, 4.8)	3.8 (2.7, 4.9)	7.2* (1.7, 12.8)
Latino	Yes	68.4 (65.7, 71.1)	71.1 (68.0, 74.3)	70.1 (67.8, 72.4)	70.3 (67.8, 72.9)	68.0 (65.9, 70.2)	63.7 (55.5, 71.9)
	No	26.9 (24.4, 29.3)	23.5 (20.4, 26.6)	25.6 (22.9, 28.4)	26.2 (23.5, 28.8)	28.8 (26.7, 30.9)	27.6 (20.0, 35.1)
	Never had a routine check-up	4.7 (3.4, 6.0)	5.4 (3.6, 7.2)	4.3 (2.9, 5.7)	3.5 (2.6, 4.4)	3.2 (2.3, 4.0)	8.7* (3.0, 14.5)
Non-Latino White	Yes	75.4 (73.8, 77.0)	74.1 (71.9, 76.4)	76.6 (73.8, 79.5)	77.3 (75.6, 78.9)	71.8 (70.6, 73.0)	71.7 (67.4, 76.1)
	No	22.8 (21.2, 24.5)	24.2 (22.3, 26.1)	22.1 (19.1, 25.1)	21.5 (19.8, 23.1)	26.6 (25.5, 27.8)	26.1 (21.8, 30.4)
	Never had a routine check-up	1.8 (1.1, 2.4)	1.7 (0.8, 2.6)	1.3 (0.7, 1.9)	1.3 (0.8, 1.7)	1.6 (1.2, 2.0)	2.2 (1.1, 3.4)
Other	Yes	69.4 (61.4, 77.4)	73.0 (64.2, 81.9)	72.7 (64.4, 81.0)	72.3 (63.6, 81.1)	72.2 (65.1, 79.3)	47.2 (27.1, 67.3)
	No	28.1 (20.9, 35.4)	26.1 (17.4, 34.8)	25.2 (16.5, 33.9)	26.4 (17.6, 35.1)	26.4 (19.2, 33.6)	43.4 (21.1, 65.8)
	Never had a routine check-up	2.4* (0.0, 5.0)	0.8* (0.0, 1.6)	2.1* (0.0, 4.5)	1.3* (0.0, 3.1)	1.4* (0.1, 2.8)	- -

Note. \* = statistically unstable. – = suppressed due to small sample size.

Routine check-up in the past 12 months by FPL



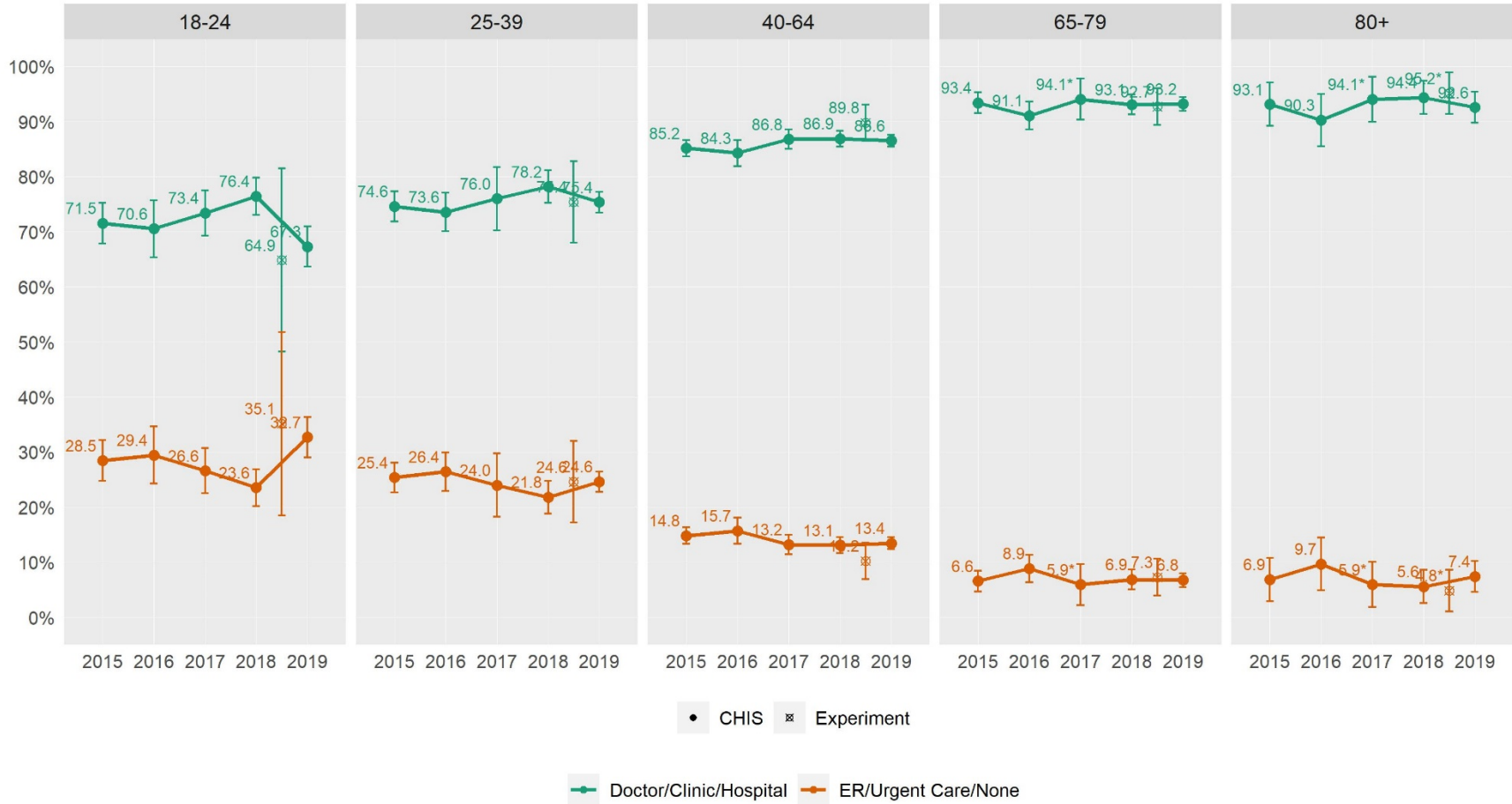
FPL	Routine check-up in past 12 months	CHIS 2015	CHIS 2016	CHIS 2017	CHIS 2018	CHIS 2019	Web Experiment
Under 139% FPL	Yes	69.1 (66.2, 72.0)	71.6 (67.7, 75.4)	70.5 (67.2, 73.8)	74.8 (72.1, 77.5)	69.6 (66.9, 72.4)	66.5 (53.4, 79.7)
	No	25.0 (22.5, 27.6)	22.7 (19.1, 26.2)	24.8 (21.5, 28.1)	21.5 (18.9, 24.1)	26.5 (23.9, 29.2)	24.1 (14.2, 34.1)
	Never had a routine check-up	5.8 (4.3, 7.4)	5.8 (4.0, 7.5)	4.7 (3.2, 6.2)	3.7 (2.5, 4.9)	3.8 (2.9, 4.8)	9.4* (0.0, 20.9)
139-250% FPL	Yes	71.4 (67.7, 75.1)	71.5 (66.5, 76.4)	72.8 (68.2, 77.5)	73.1 (69.8, 76.4)	68.4 (65.7, 71.1)	77.7 (68.2, 87.3)
	No	25.2 (21.9, 28.6)	24.5 (20.1, 28.9)	24.5 (21.0, 27.9)	24.0 (20.6, 27.4)	28.0 (25.5, 30.5)	20.6 (11.1, 30.0)
	Never had a routine check-up	3.4 (1.9, 4.9)	4.0* (1.3, 6.7)	2.7* (0.4, 5.0)	3.0 (1.8, 4.1)	3.6 (2.5, 4.7)	1.7* (0.0, 3.7)
251-400% FPL	Yes	71.1 (66.9, 75.2)	73.4 (69.0, 77.8)	72.6 (68.6, 76.5)	71.2 (67.2, 75.2)	69.3 (66.6, 71.9)	71.6 (61.1, 82.0)
	No	26.3 (22.0, 30.7)	24.1 (19.8, 28.4)	25.3 (21.3, 29.2)	27.2 (23.1, 31.3)	27.9 (25.3, 30.6)	26.4 (16.2, 36.6)
	Never had a routine check-up	2.6 (1.4, 3.7)	2.5* (0.3, 4.8)	2.2* (0.7, 3.6)	1.6 (0.7, 2.4)	2.8 (1.8, 3.9)	2.0* (0.0, 5.5)
>400% FPL	Yes	76.5 (74.4, 78.7)	75.1 (72.7, 77.6)	76.8 (71.8, 81.8)	77.1 (75.3, 78.9)	73.1 (71.8, 74.5)	72.1 (67.4, 76.8)
	No	22.3 (20.1, 24.5)	23.6 (21.3, 26.0)	21.7 (16.8, 26.5)	21.2 (19.6, 22.7)	25.4 (23.9, 26.8)	25.4 (20.8, 29.9)
	Never had a routine check-up	1.2* (0.5, 1.9)	1.2 (0.5, 1.9)	1.5 (0.9, 2.1)	1.7 (1.1, 2.3)	1.5 (1.1, 1.9)	2.6* (0.8, 4.3)

Note. \* = statistically unstable.



Usual source of care

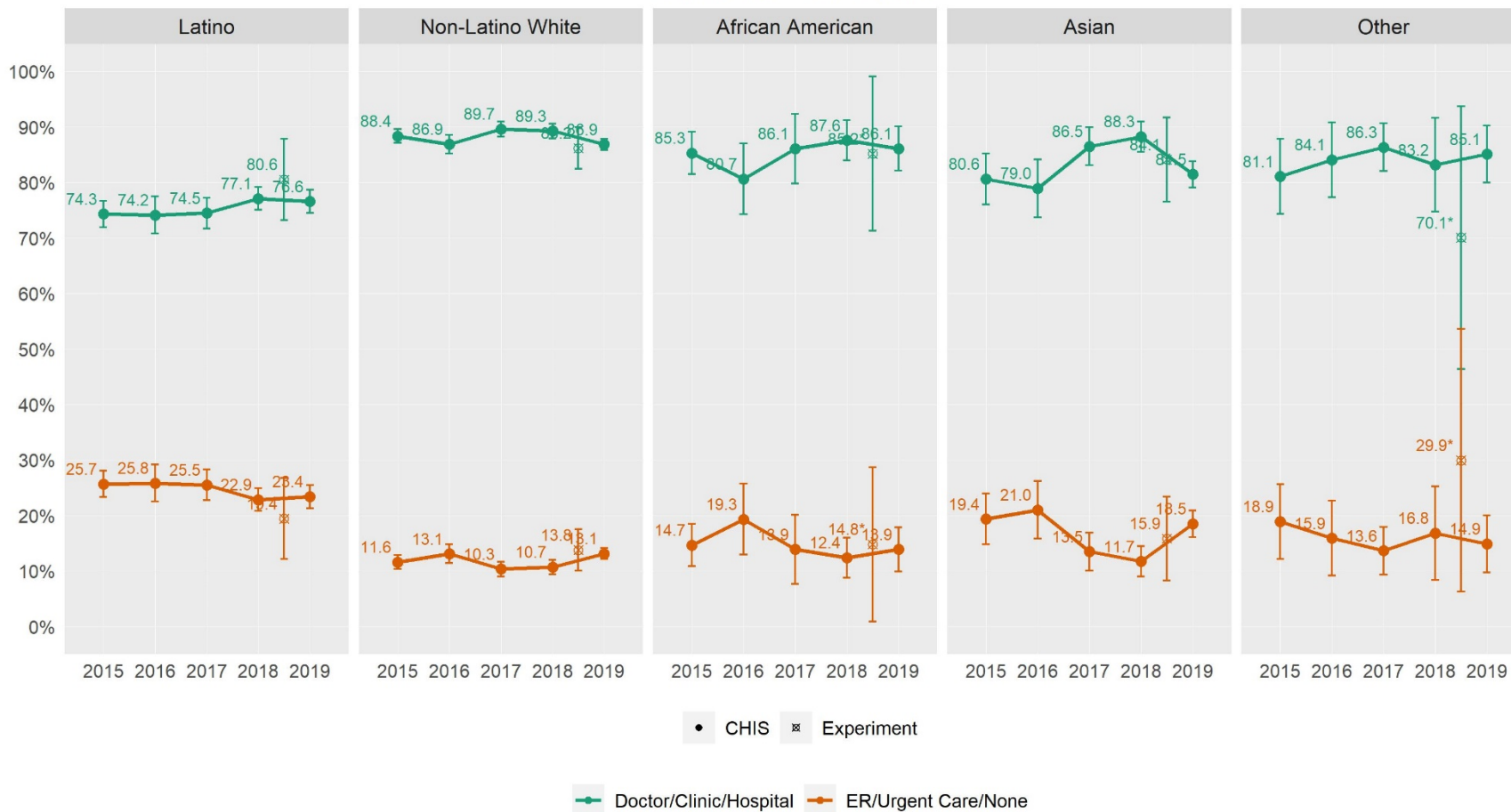
Usual source of care by age



Age	Usual source of care	CHIS 2015	CHIS 2016	CHIS 2017	CHIS 2018	CHIS 2019	Web Experiment
18-24	Doctor/Clinic/Hospital	71.5 (67.8, 75.3)	70.6 (65.4, 75.7)	73.4 (69.3, 77.5)	76.4 (73.1, 79.8)	67.3 (63.7, 71.0)	64.9 (48.2, 81.5)
	ER/Urgent Care/None	28.5 (24.7, 32.2)	29.4 (24.3, 34.6)	26.6 (22.5, 30.7)	23.6 (20.2, 26.9)	32.7 (29.0, 36.3)	35.1 (18.5, 51.8)
25-39	Doctor/Clinic/Hospital	74.6 (71.9, 77.3)	73.6 (70.1, 77.1)	76.0 (70.3, 81.8)	78.2 (75.2, 81.2)	75.4 (73.5, 77.2)	75.4 (68.0, 82.8)
	ER/Urgent Care/None	25.4 (22.7, 28.1)	26.4 (22.9, 29.9)	24.0 (18.2, 29.7)	21.8 (18.8, 24.8)	24.6 (22.8, 26.5)	24.6 (17.2, 32.0)
40-64	Doctor/Clinic/Hospital	85.2 (83.7, 86.7)	84.3 (81.9, 86.7)	86.8 (85.1, 88.6)	86.9 (85.5, 88.4)	86.6 (85.5, 87.6)	89.8 (86.5, 93.1)
	ER/Urgent Care/None	14.8 (13.3, 16.3)	15.7 (13.3, 18.1)	13.2 (11.4, 14.9)	13.1 (11.6, 14.5)	13.4 (12.4, 14.5)	10.2 (6.9, 13.5)
65-79	Doctor/Clinic/Hospital	93.4 (91.5, 95.3)	91.1 (88.6, 93.6)	94.1* (90.3, 97.8)	93.1 (91.3, 94.9)	93.2 (92.0, 94.5)	92.7 (89.4, 96.1)
	ER/Urgent Care/None	6.6 (4.7, 8.5)	8.9 (6.4, 11.4)	5.9* (2.2, 9.7)	6.9 (5.1, 8.7)	6.8 (5.5, 8.0)	7.3 (3.9, 10.6)
80+	Doctor/Clinic/Hospital	93.1 (89.2, 97.1)	90.3 (85.5, 95.0)	94.1* (89.9, 98.2)	94.4 (91.4, 97.4)	92.6 (89.8, 95.4)	95.2* (91.4, 99.0)
	ER/Urgent Care/None	6.9 (2.9, 10.8)	9.7 (5.0, 14.5)	5.9* (1.8, 10.1)	5.6 (2.6, 8.6)	7.4 (4.6, 10.2)	4.8* (1.0, 8.6)

Note. \* = statistically unstable.

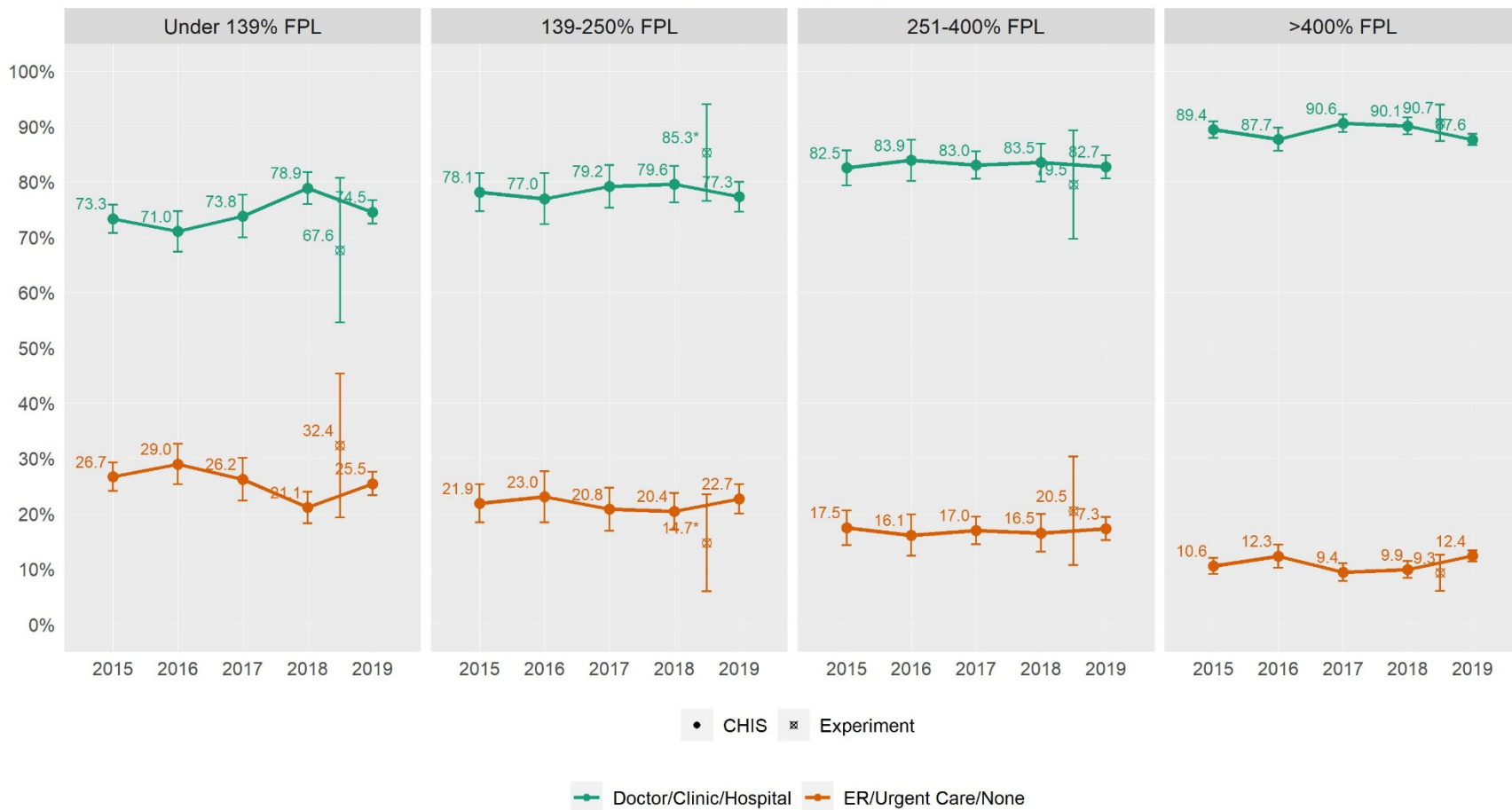
Usual source of care by race



Race/ethnicity	Usual source of care	CHIS 2015	CHIS 2016	CHIS 2017	CHIS 2018	CHIS 2019	Web Experiment
African American	Doctor/Clinic/Hospital	85.3 (81.5, 89.2)	80.7 (74.3, 87.0)	86.1 (79.8, 92.3)	87.6 (84.0, 91.2)	86.1 (82.1, 90.1)	85.2* (71.3, 99.1)
	ER/Urgent Care/None	14.7 (10.8, 18.5)	19.3 (13.0, 25.7)	13.9 (7.7, 20.2)	12.4 (8.8, 16.0)	13.9 (9.9, 17.9)	14.8* (0.9, 28.7)
Asian	Doctor/Clinic/Hospital	80.6 (76.0, 85.2)	79.0 (73.7, 84.2)	86.5 (83.1, 89.9)	88.3 (85.5, 91.0)	81.5 (79.1, 83.9)	84.1 (76.6, 91.7)
	ER/Urgent Care/None	19.4 (14.8, 24.0)	21.0 (15.8, 26.3)	13.5 (10.1, 16.9)	11.7 (9.0, 14.5)	18.5 (16.1, 20.9)	15.9 (8.3, 23.4)
Latino	Doctor/Clinic/Hospital	74.3 (72.0, 76.7)	74.2 (70.8, 77.5)	74.5 (71.7, 77.3)	77.1 (75.1, 79.1)	76.6 (74.5, 78.7)	80.6 (73.2, 87.9)
	ER/Urgent Care/None	25.7 (23.3, 28.0)	25.8 (22.5, 29.2)	25.5 (22.7, 28.3)	22.9 (20.9, 24.9)	23.4 (21.3, 25.5)	19.4 (12.1, 26.8)
Non-Latino White	Doctor/Clinic/Hospital	88.4 (87.1, 89.6)	86.9 (85.2, 88.6)	89.7 (88.3, 91.0)	89.3 (88.0, 90.6)	86.9 (85.8, 87.9)	86.2 (82.4, 90.0)
	ER/Urgent Care/None	11.6 (10.4, 12.9)	13.1 (11.4, 14.8)	10.3 (9.0, 11.7)	10.7 (9.4, 12.0)	13.1 (12.1, 14.2)	13.8 (10.0, 17.6)
Other	Doctor/Clinic/Hospital	81.1 (74.3, 87.8)	84.1 (77.3, 90.8)	86.3 (82.1, 90.6)	83.2 (74.7, 91.6)	85.1 (80.0, 90.2)	70.1* (46.4, 93.7)
	ER/Urgent Care/None	18.9 (12.2, 25.7)	15.9 (9.2, 22.7)	13.6 (9.4, 17.9)	16.8 (8.4, 25.3)	14.9 (9.8, 20.0)	29.9* (6.3, 53.6)

Note. \* = statistically unstable.

### Usual source of care by FPL

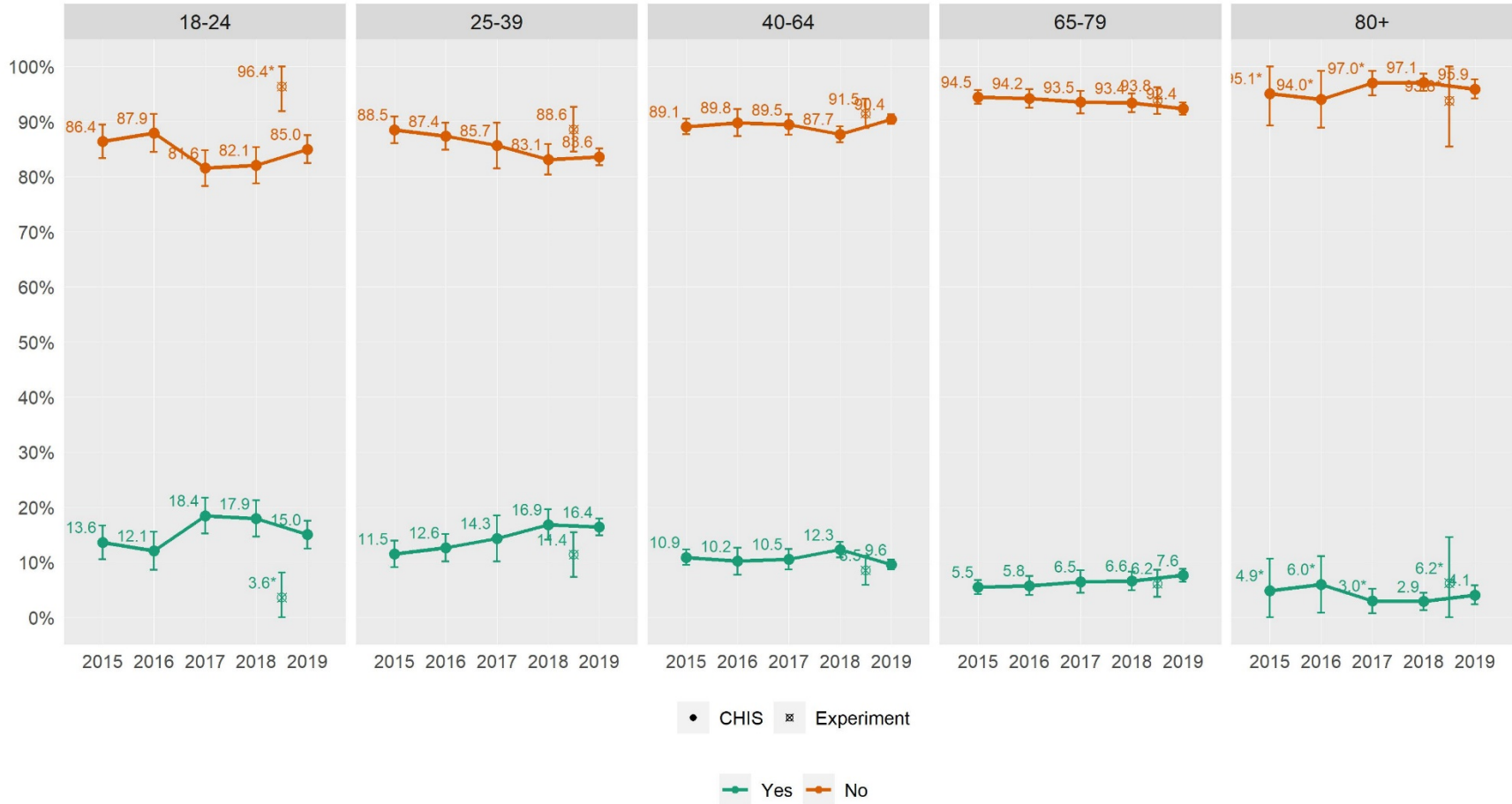


FPL	Usual source of care	CHIS 2015	CHIS 2016	CHIS 2017	CHIS 2018	CHIS 2019	Web Experiment
Under 139% FPL	Doctor/Clinic/Hospital	73.3 (70.8, 75.9)	71.0 (67.4, 74.7)	73.8 (69.9, 77.6)	78.9 (76.0, 81.7)	74.5 (72.4, 76.7)	67.6 (54.6, 80.7)
	ER/Urgent Care/None	26.7 (24.1, 29.2)	29.0 (25.3, 32.6)	26.2 (22.4, 30.1)	21.1 (18.3, 24.0)	25.5 (23.3, 27.6)	32.4 (19.3, 45.4)
139-250% FPL	Doctor/Clinic/Hospital	78.1 (74.7, 81.6)	77.0 (72.3, 81.6)	79.2 (75.3, 83.1)	79.6 (76.3, 82.9)	77.3 (74.6, 80.0)	85.3* (76.5, 94.1)
	ER/Urgent Care/None	21.9 (18.4, 25.3)	23.0 (18.4, 27.7)	20.8 (16.9, 24.7)	20.4 (17.1, 23.7)	22.7 (20.0, 25.4)	14.7* (5.9, 23.5)
251-400% FPL	Doctor/Clinic/Hospital	82.5 (79.4, 85.7)	83.9 (80.1, 87.6)	83.0 (80.5, 85.5)	83.5 (80.0, 86.9)	82.7 (80.6, 84.8)	79.5 (69.7, 89.3)
	ER/Urgent Care/None	17.5 (14.3, 20.6)	16.1 (12.4, 19.9)	17.0 (14.5, 19.5)	16.5 (13.1, 20.0)	17.3 (15.2, 19.4)	20.5 (10.7, 30.3)
>400% FPL	Doctor/Clinic/Hospital	89.4 (88.0, 90.9)	87.7 (85.6, 89.8)	90.6 (88.9, 92.2)	90.1 (88.6, 91.6)	87.6 (86.6, 88.6)	90.7 (87.4, 94.0)
	ER/Urgent Care/None	10.6 (9.1, 12.0)	12.3 (10.2, 14.4)	9.4 (7.8, 11.1)	9.9 (8.4, 11.4)	12.4 (11.4, 13.4)	9.3 (6.0, 12.6)

Note. \* = statistically unstable.

Visit counselor mental health or drug abuse

Visit to counselor for mental health/drug issues by age

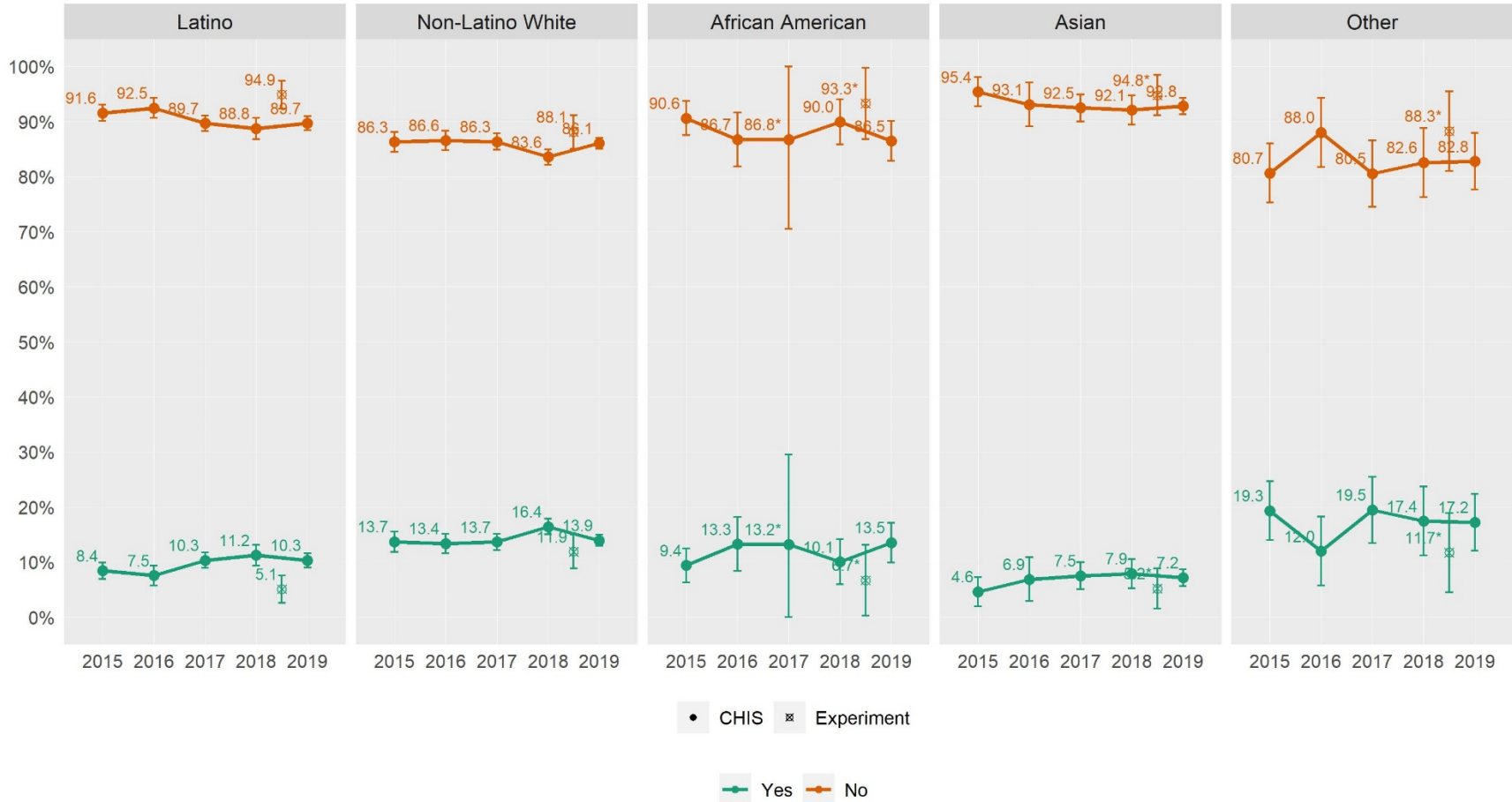


Age	Visit to counselor for mental health	CHIS 2015	CHIS 2016	CHIS 2017	CHIS 2018	CHIS 2019	Web Experiment
18-24	No	86.4 (83.3, 89.5)	87.9 (84.4, 91.4)	81.6 (78.3, 84.8)	82.1 (78.8, 85.4)	85.0 (82.5, 87.5)	96.4* (91.9, 100.0)
	Yes	13.6 (10.5, 16.7)	12.1 (8.6, 15.6)	18.4 (15.2, 21.7)	17.9 (14.6, 21.2)	15.0 (12.5, 17.5)	3.6* (0.0, 8.1)
25-39	No	88.5 (86.1, 90.9)	87.4 (84.9, 89.8)	85.7 (81.5, 89.8)	83.1 (80.4, 85.9)	83.6 (82.1, 85.1)	88.6 (84.5, 92.6)
	Yes	11.5 (9.1, 13.9)	12.6 (10.2, 15.1)	14.3 (10.2, 18.5)	16.9 (14.1, 19.6)	16.4 (14.9, 17.9)	11.4 (7.4, 15.5)
40-64	No	89.1 (87.7, 90.5)	89.8 (87.3, 92.3)	89.5 (87.6, 91.3)	87.7 (86.3, 89.1)	90.4 (89.5, 91.3)	91.5 (88.8, 94.1)
	Yes	10.9 (9.5, 12.3)	10.2 (7.7, 12.7)	10.5 (8.7, 12.4)	12.3 (10.9, 13.7)	9.6 (8.7, 10.5)	8.5 (5.9, 11.2)
65-79	No	94.5 (93.2, 95.8)	94.2 (92.5, 95.9)	93.5 (91.5, 95.6)	93.4 (91.7, 95.1)	92.4 (91.2, 93.5)	93.8 (91.4, 96.2)
	Yes	5.5 (4.2, 6.8)	5.8 (4.1, 7.5)	6.5 (4.4, 8.5)	6.6 (4.9, 8.3)	7.6 (6.5, 8.8)	6.2 (3.8, 8.6)
80+	No	95.1* (89.3, 100.0)	94.0* (88.9, 99.2)	97.0* (94.8, 99.2)	97.1 (95.5, 98.7)	95.9 (94.2, 97.7)	93.8* (85.4, 100.0)
	Yes	4.9* (0.0, 10.7)	6.0* (0.8, 11.1)	3.0* (0.8, 5.2)	2.9 (1.3, 4.5)	4.1 (2.3, 5.8)	6.2* (0.0, 14.6)

Note. \* = statistically unstable.



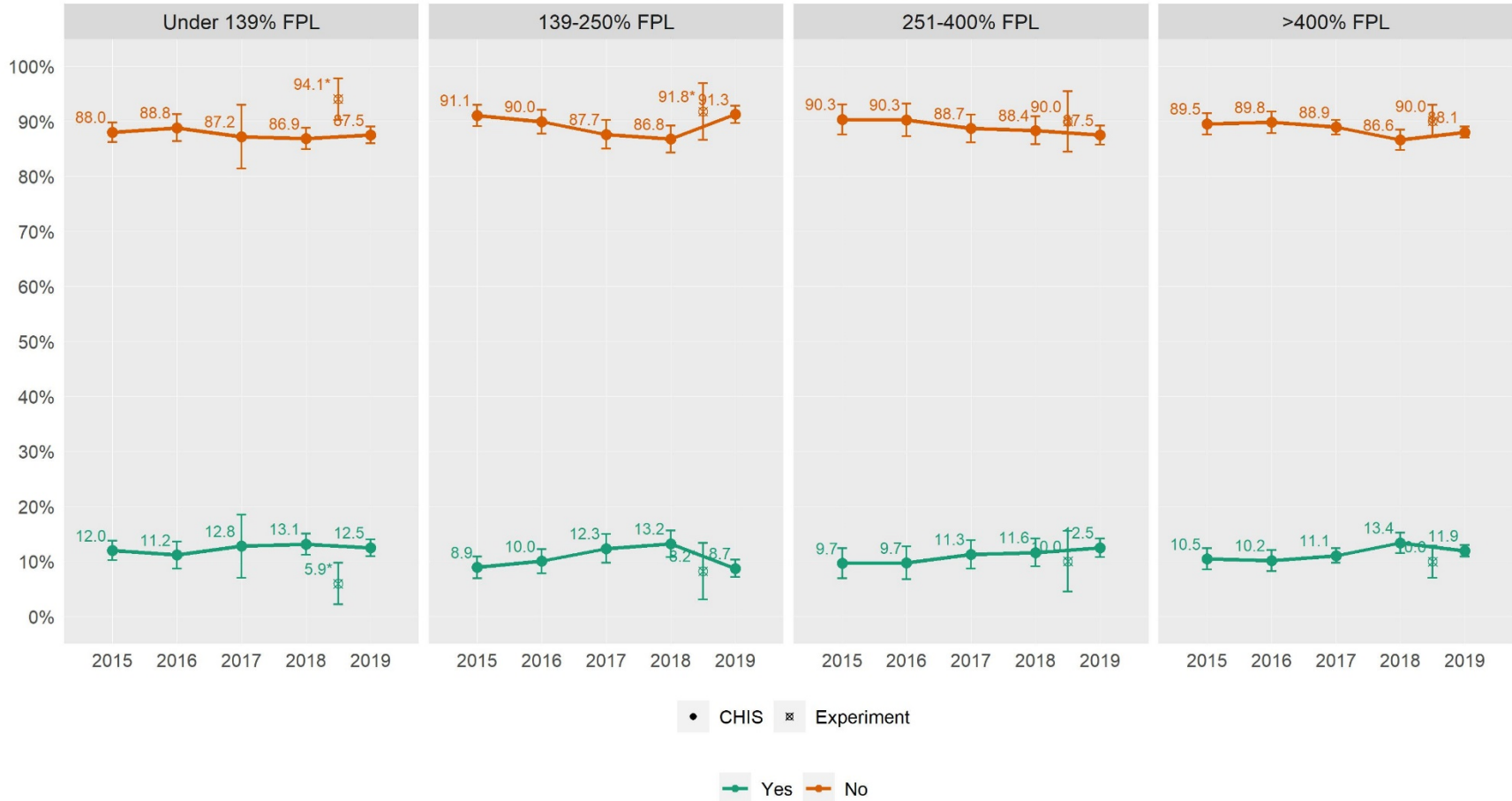
Visit to counselor for mental health/drug issues by race



Race/ethnicity	Visit to counselor for mental health	CHIS					Web
		2015	2016	2017	2018	2019	Experiment
African American	No	90.6 (87.5, 93.7)	86.7 (81.9, 91.6)	86.8* (70.5, 100.0)	90.0 (85.8, 94.1)	86.5 (82.9, 90.1)	93.3* (86.8, 99.8)
	Yes	9.4 (6.3, 12.5)	13.3 (8.4, 18.1)	13.2* (0.0, 29.5)	10.1 (5.9, 14.2)	13.5 (9.9, 17.1)	6.7* (0.2, 13.2)
Asian	No	95.4 (92.8, 98.0)	93.1 (89.1, 97.1)	92.5 (90.0, 94.9)	92.1 (89.5, 94.8)	92.8 (91.3, 94.3)	94.8* (91.2, 98.4)
	Yes	4.6 (2.0, 7.2)	6.9 (2.9, 10.9)	7.5 (5.1, 10.0)	7.9 (5.2, 10.5)	7.2 (5.7, 8.7)	5.2* (1.6, 8.8)
Latino	No	91.6 (90.1, 93.1)	92.5 (90.7, 94.3)	89.7 (88.3, 91.1)	88.8 (86.8, 90.7)	89.7 (88.4, 91.0)	94.9 (92.4, 97.4)
	Yes	8.4 (6.9, 9.9)	7.5 (5.7, 9.3)	10.3 (8.9, 11.7)	11.2 (9.3, 13.2)	10.3 (9.0, 11.6)	5.1 (2.6, 7.6)
Non-Latino White	No	86.3 (84.5, 88.1)	86.6 (84.8, 88.4)	86.3 (84.9, 87.8)	83.6 (82.2, 85.0)	86.1 (85.0, 87.1)	88.1 (85.1, 91.2)
	Yes	13.7 (11.9, 15.5)	13.4 (11.6, 15.2)	13.7 (12.2, 15.1)	16.4 (15.0, 17.8)	13.9 (12.9, 15.0)	11.9 (8.8, 14.9)
Other	No	80.7 (75.3, 86.0)	88.0 (81.7, 94.3)	80.5 (74.5, 86.6)	82.6 (76.3, 88.8)	82.8 (77.6, 87.9)	88.3* (81.1, 95.5)
	Yes	19.3 (14.0, 24.7)	12.0 (5.7, 18.3)	19.5 (13.4, 25.5)	17.4 (11.2, 23.7)	17.2 (12.1, 22.4)	11.7* (4.5, 18.9)

Note. \* = statistically unstable.

Visit to counselor for mental health/drug issues by FPL

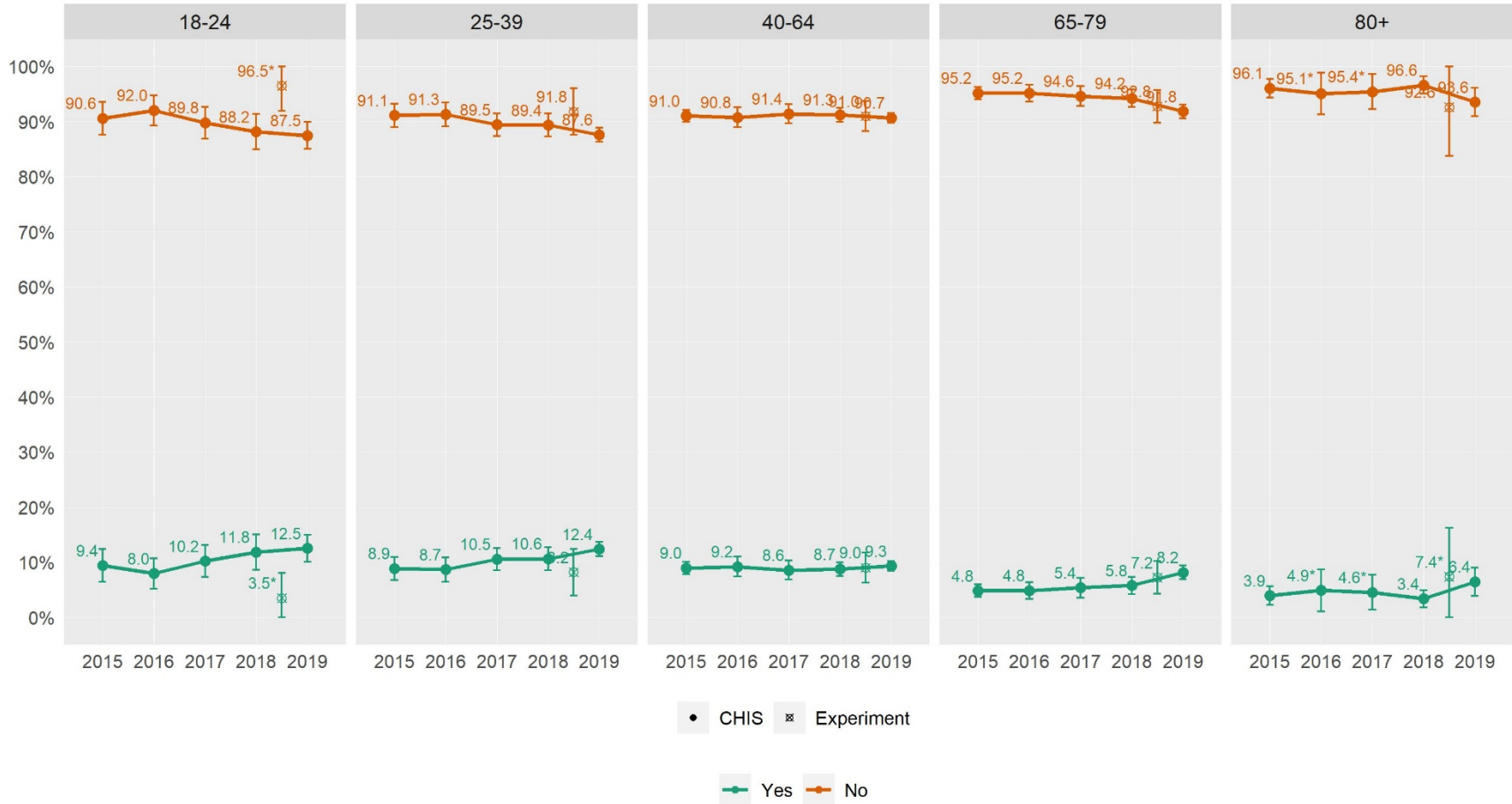


FPL	Visit to counselor for mental health	CHIS 2015	CHIS 2016	CHIS 2017	CHIS 2018	CHIS 2019	Web Experiment
Under 139% FPL	No	88.0 (86.3, 89.8)	88.8 (86.4, 91.3)	87.2 (81.5, 93.0)	86.9 (85.0, 88.8)	87.5 (86.0, 89.0)	94.1* (90.3, 97.8)
	Yes	12.0 (10.2, 13.7)	11.2 (8.7, 13.6)	12.8 (7.0, 18.5)	13.1 (11.2, 15.0)	12.5 (11.0, 14.0)	5.9* (2.2, 9.7)
139-250% FPL	No	91.1 (89.1, 93.0)	90.0 (87.8, 92.2)	87.7 (85.0, 90.3)	86.8 (84.4, 89.2)	91.3 (89.7, 92.9)	91.8* (86.7, 96.9)
	Yes	8.9 (7.0, 10.9)	10.0 (7.8, 12.2)	12.3 (9.7, 15.0)	13.2 (10.8, 15.6)	8.7 (7.1, 10.3)	8.2* (3.1, 13.3)
251-400% FPL	No	90.3 (87.6, 93.1)	90.3 (87.3, 93.3)	88.7 (86.1, 91.3)	88.4 (85.8, 90.9)	87.5 (85.8, 89.2)	90.0 (84.5, 95.5)
	Yes	9.7 (6.9, 12.4)	9.7 (6.7, 12.7)	11.3 (8.7, 13.9)	11.6 (9.1, 14.2)	12.5 (10.8, 14.2)	10.0 (4.5, 15.5)
>400% FPL	No	89.5 (87.6, 91.5)	89.8 (87.9, 91.8)	88.9 (87.6, 90.3)	86.6 (84.8, 88.5)	88.1 (87.0, 89.1)	90.0 (87.1, 93.0)
	Yes	10.5 (8.5, 12.4)	10.2 (8.2, 12.1)	11.1 (9.7, 12.4)	13.4 (11.5, 15.2)	11.9 (10.9, 13.0)	10.0 (7.0, 12.9)

Note. \* = statistically unstable.

Visit physician mental health or drug abuse

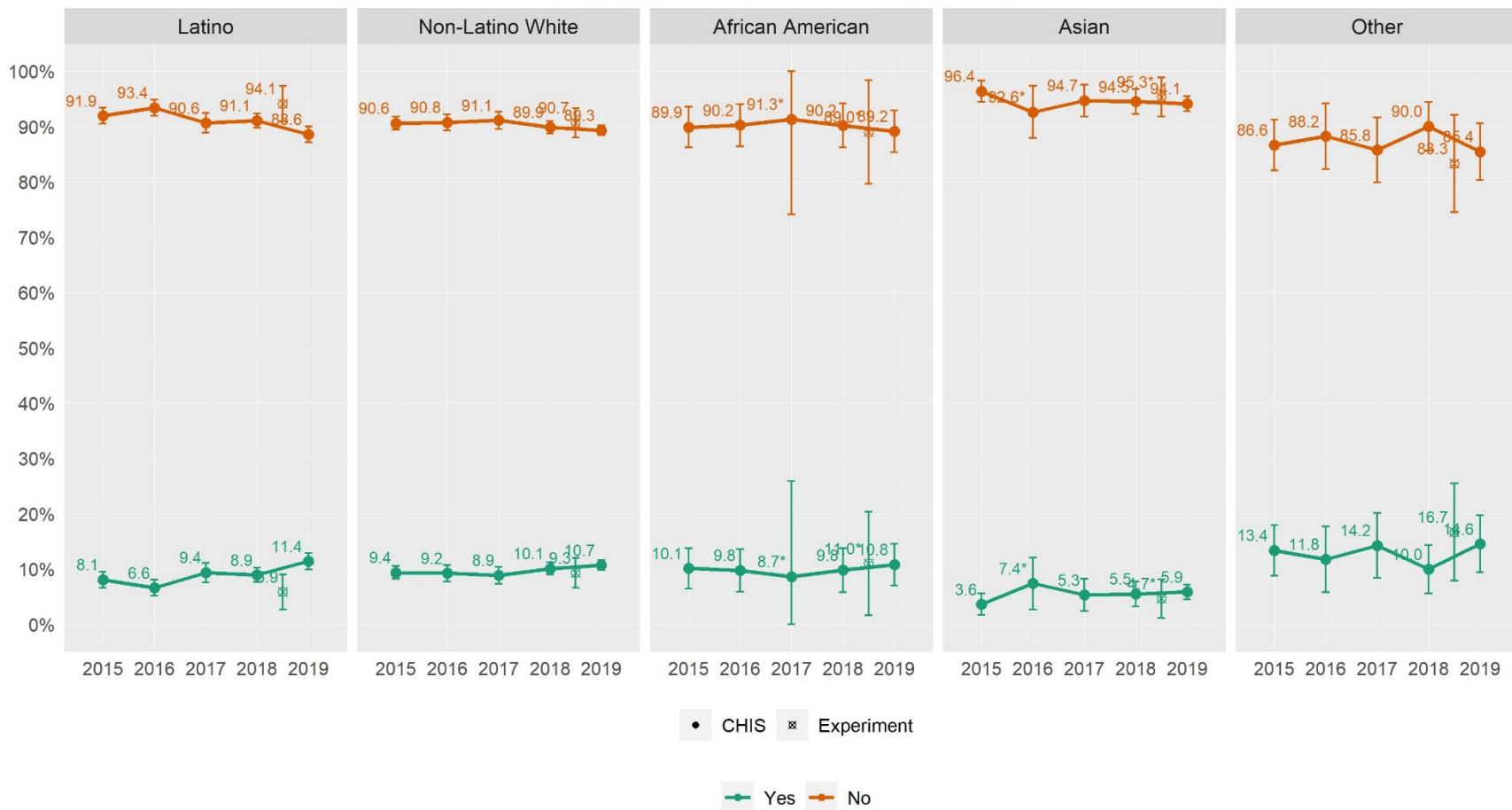
Visit to physician for mental health/drug issues by age



Age	Visit to physician for mental health	CHIS 2015	CHIS 2016	CHIS 2017	CHIS 2018	CHIS 2019	Web Experiment
18-24	No	90.6 (87.6, 93.6)	92.0 (89.3, 94.8)	89.8 (86.9, 92.7)	88.2 (84.9, 91.4)	87.5 (85.0, 89.9)	96.5* (92.0, 100.0)
	Yes	9.4 (6.4, 12.4)	8.0 (5.2, 10.7)	10.2 (7.3, 13.1)	11.8 (8.6, 15.1)	12.5 (10.1, 15.0)	3.5* (0.0, 8.0)
25-39	No	91.1 (89.0, 93.2)	91.3 (89.2, 93.5)	89.5 (87.4, 91.5)	89.4 (87.3, 91.5)	87.6 (86.3, 88.9)	91.8 (87.6, 96.0)
	Yes	8.9 (6.8, 11.0)	8.7 (6.5, 10.8)	10.5 (8.5, 12.6)	10.6 (8.5, 12.7)	12.4 (11.1, 13.7)	8.2 (4.0, 12.4)
40-64	No	91.0 (89.9, 92.2)	90.8 (89.0, 92.6)	91.4 (89.7, 93.2)	91.3 (90.0, 92.5)	90.7 (89.8, 91.6)	91.0 (88.2, 93.7)
	Yes	9.0 (7.8, 10.1)	9.2 (7.4, 11.0)	8.6 (6.8, 10.3)	8.7 (7.5, 10.0)	9.3 (8.4, 10.2)	9.0 (6.3, 11.8)
65-79	No	95.2 (94.0, 96.3)	95.2 (93.6, 96.7)	94.6 (92.8, 96.4)	94.2 (92.7, 95.8)	91.8 (90.6, 93.1)	92.8 (89.8, 95.7)
	Yes	4.8 (3.7, 6.0)	4.8 (3.3, 6.4)	5.4 (3.6, 7.2)	5.8 (4.2, 7.3)	8.2 (6.9, 9.4)	7.2 (4.3, 10.2)
80+	No	96.1 (94.4, 97.8)	95.1* (91.3, 98.9)	95.4* (92.3, 98.6)	96.6 (95.1, 98.2)	93.6 (91.0, 96.2)	92.6* (83.7, 100.0)
	Yes	3.9 (2.2, 5.6)	4.9* (1.1, 8.7)	4.6* (1.4, 7.7)	3.4 (1.8, 4.9)	6.4 (3.8, 9.0)	7.4* (0.0, 16.3)

Note. \* = statistically unstable.

Visit to physician for mental health/drug issues by race

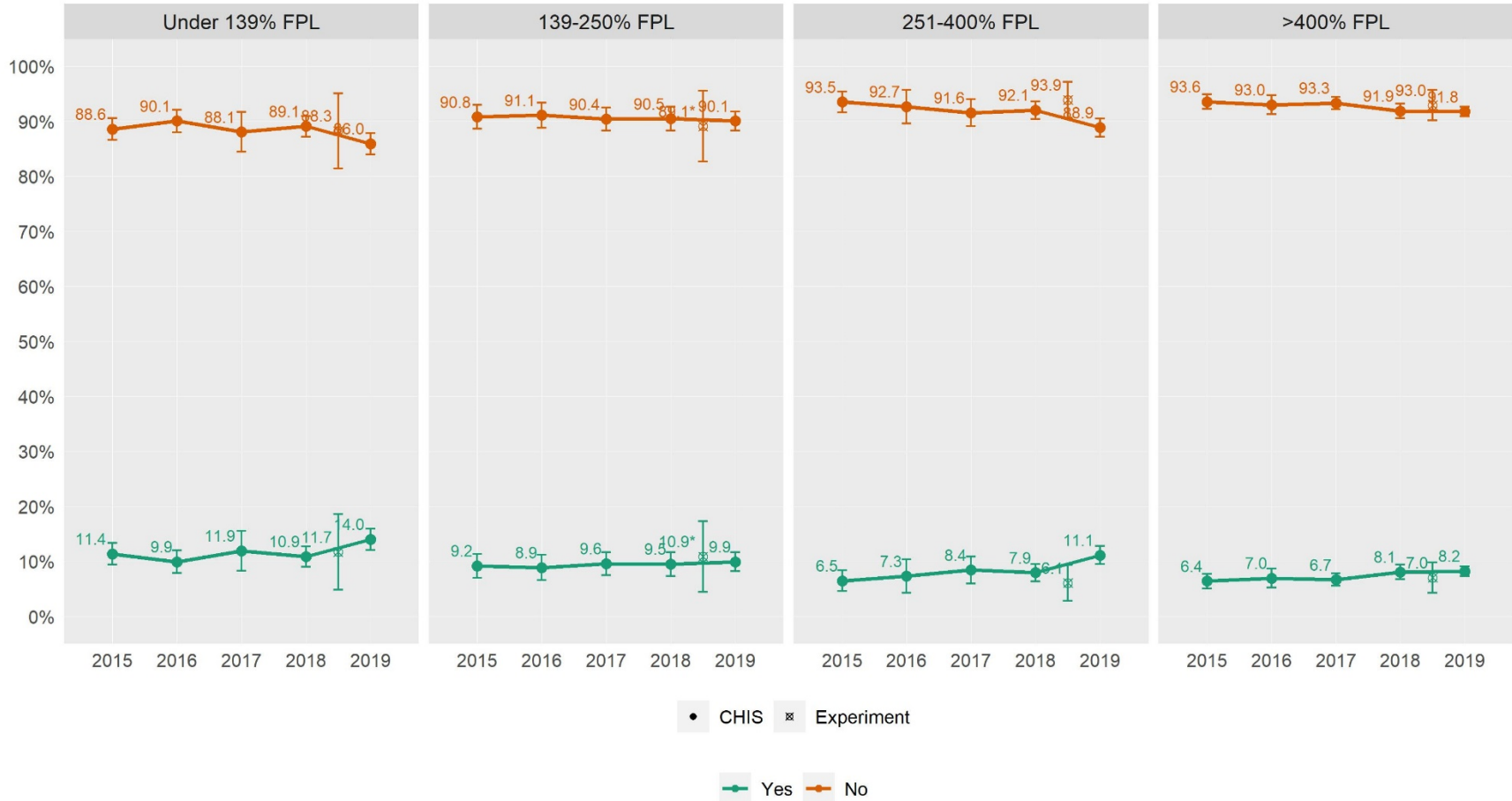


Race/ethnicity	Visit to physician for mental health	CHIS					Web
		2015	2016	2017	2018	2019	Experiment
African American	No	89.9 (86.2, 93.5)	90.2 (86.4, 94.1)	91.3* (74.1, 100.0)	90.2 (86.2, 94.2)	89.2 (85.4, 92.9)	89.0* (79.6, 98.4)
	Yes	10.1 (6.5, 13.8)	9.8 (5.9, 13.6)	8.7* (0.0, 25.9)	9.8 (5.8, 13.8)	10.8 (7.1, 14.6)	11.0* (1.6, 20.4)
Asian	No	96.4 (94.5, 98.3)	92.6* (87.9, 97.3)	94.7 (91.8, 97.6)	94.5 (92.3, 96.8)	94.1 (92.8, 95.5)	95.3* (91.8, 98.8)
	Yes	3.6 (1.7, 5.5)	7.4* (2.7, 12.1)	5.3 (2.4, 8.2)	5.5 (3.2, 7.7)	5.9 (4.5, 7.2)	4.7* (1.2, 8.2)
Latino	No	91.9 (90.5, 93.4)	93.4 (92.0, 94.9)	90.6 (88.9, 92.4)	91.1 (89.8, 92.3)	88.6 (87.1, 90.1)	94.1 (91.0, 97.3)
	Yes	8.1 (6.6, 9.5)	6.6 (5.1, 8.0)	9.4 (7.6, 11.1)	8.9 (7.7, 10.2)	11.4 (9.9, 12.9)	5.9 (2.7, 9.0)
Non-Latino White	No	90.6 (89.5, 91.8)	90.8 (89.3, 92.2)	91.1 (89.6, 92.7)	89.9 (88.8, 91.0)	89.3 (88.4, 90.2)	90.7 (88.0, 93.4)
	Yes	9.4 (8.2, 10.5)	9.2 (7.8, 10.7)	8.9 (7.3, 10.4)	10.1 (9.0, 11.2)	10.7 (9.8, 11.6)	9.3 (6.6, 12.0)
Other	No	86.6 (82.0, 91.3)	88.2 (82.3, 94.2)	85.8 (79.9, 91.6)	90.0 (85.7, 94.4)	85.4 (80.3, 90.6)	83.3 (74.5, 92.1)
	Yes	13.4 (8.7, 18.0)	11.8 (5.8, 17.7)	14.2 (8.4, 20.1)	10.0 (5.6, 14.3)	14.6 (9.4, 19.7)	16.7 (7.9, 25.5)

Note. \* = statistically unstable.



Visit to physician for mental health/drug issues by FPL



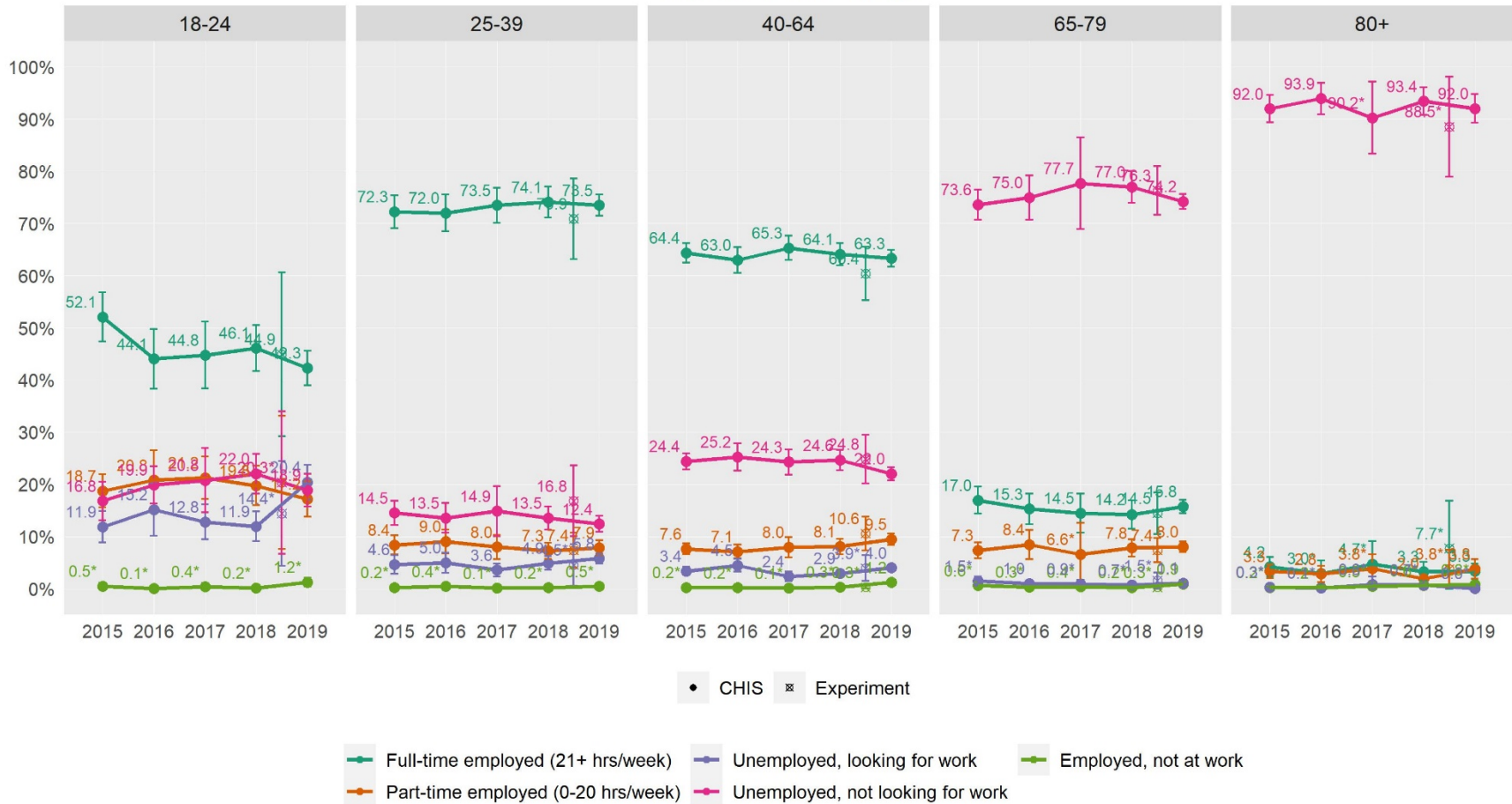
FPL	Visit to physician for mental health	CHIS 2015	CHIS 2016	CHIS 2017	CHIS 2018	CHIS 2019	Web Experiment
Under 139% FPL	No	88.6 (86.7, 90.6)	90.1 (88.0, 92.1)	88.1 (84.5, 91.7)	89.1 (87.2, 91.0)	86.0 (84.0, 87.9)	88.3 (81.4, 95.1)
	Yes	11.4 (9.4, 13.3)	9.9 (7.9, 12.0)	11.9 (8.3, 15.5)	10.9 (9.0, 12.8)	14.0 (12.1, 16.0)	11.7 (4.9, 18.6)
139-250% FPL	No	90.8 (88.6, 93.0)	91.1 (88.8, 93.4)	90.4 (88.3, 92.5)	90.5 (88.3, 92.7)	90.1 (88.4, 91.8)	89.1* (82.7, 95.6)
	Yes	9.2 (7.0, 11.4)	8.9 (6.6, 11.2)	9.6 (7.5, 11.7)	9.5 (7.3, 11.7)	9.9 (8.2, 11.6)	10.9* (4.4, 17.3)
251-400% FPL	No	93.5 (91.6, 95.4)	92.7 (89.7, 95.7)	91.6 (89.1, 94.0)	92.1 (90.5, 93.6)	88.9 (87.2, 90.5)	93.9 (90.6, 97.2)
	Yes	6.5 (4.6, 8.4)	7.3 (4.3, 10.3)	8.4 (6.0, 10.9)	7.9 (6.4, 9.5)	11.1 (9.5, 12.8)	6.1 (2.8, 9.4)
>400% FPL	No	93.6 (92.3, 94.9)	93.0 (91.3, 94.8)	93.3 (92.2, 94.5)	91.9 (90.6, 93.2)	91.8 (90.9, 92.7)	93.0 (90.2, 95.7)
	Yes	6.4 (5.1, 7.7)	7.0 (5.2, 8.7)	6.7 (5.5, 7.8)	8.1 (6.8, 9.4)	8.2 (7.3, 9.1)	7.0 (4.3, 9.8)

Note. \* = statistically unstable.

## Socioeconomic

### Employment status

Employment status by age



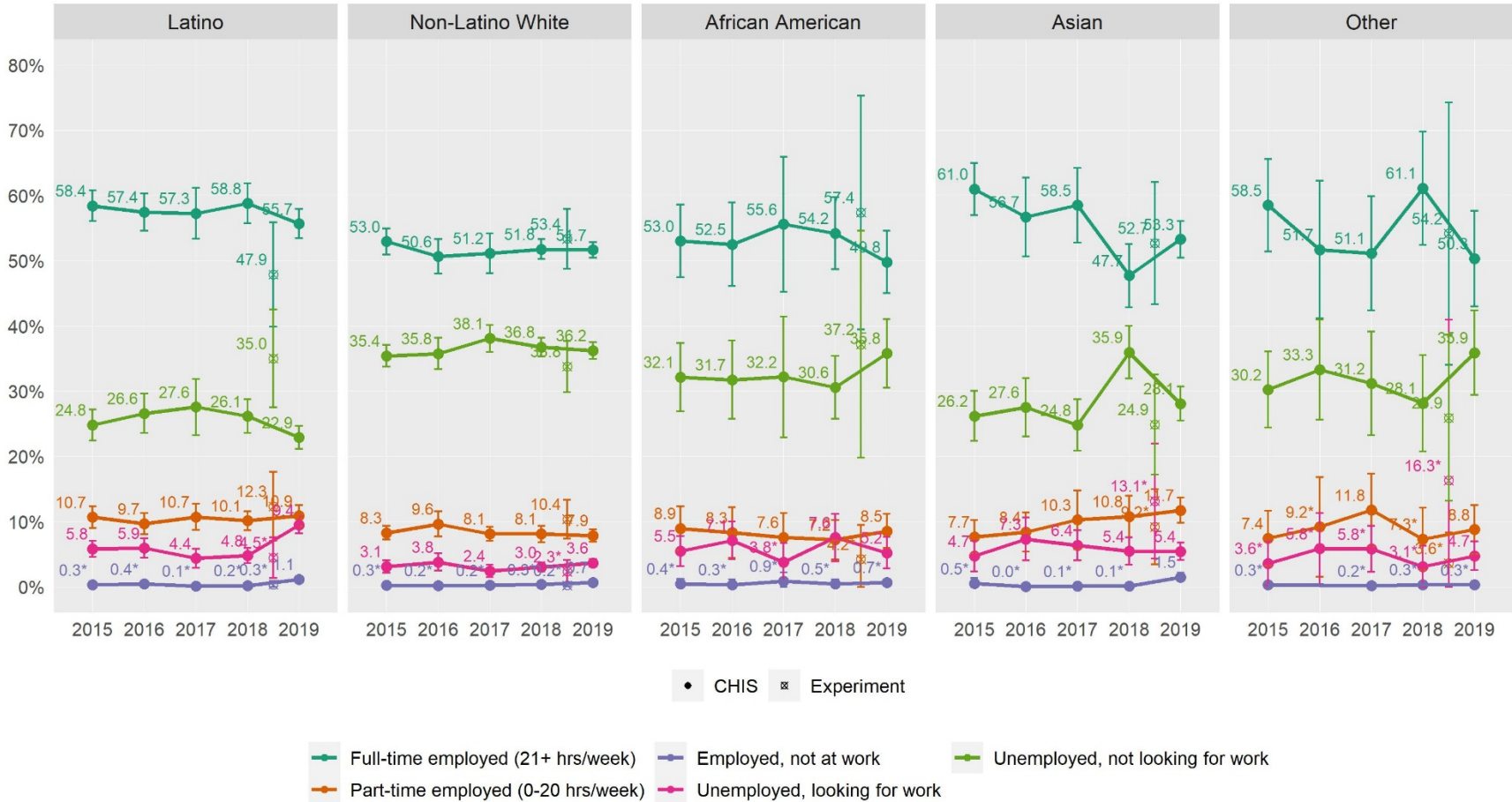
Age	Employment status						Web
		CHIS 2015	CHIS 2016	CHIS 2017	CHIS 2018	CHIS 2019	Experiment
18-24	Full-time employed (21+ hrs/week)	52.1 (47.4, 56.8)	44.1 (38.3, 49.8)	44.8 (38.4, 51.2)	46.1 (41.7, 50.5)	42.3 (39.0, 45.6)	44.9 (29.2, 60.6)
	Part-time employed (0-20 hrs/week)	18.7 (15.6, 21.9)	20.8 (15.1, 26.5)	21.2 (17.2, 25.3)	19.8 (16.0, 23.5)	17.2 (13.8, 20.6)	20.3* (7.6, 33.1)
	Unemployed, looking for work	11.9 (8.9, 14.9)	15.2 (10.2, 20.2)	12.8 (9.4, 16.2)	11.9 (9.1, 14.8)	20.4 (17.1, 23.7)	14.4* (4.4, 24.4)
	Unemployed, not looking for work	16.8 (13.1, 20.5)	19.9 (16.4, 23.4)	20.8 (14.6, 26.9)	22.0 (18.2, 25.8)	18.9 (15.8, 22.0)	20.3* (6.7, 34.0)
	Employed, not at work	0.5* (0.0, 1.1)	0.1* (0.0, 0.2)	0.4* (0.0, 1.1)	0.2* (0.0, 0.5)	1.2* (0.4, 2.1)	- -
	25-39	Full-time employed (21+ hrs/week)	72.3 (69.1, 75.4)	72.0 (68.5, 75.5)	73.5 (70.1, 76.8)	74.1 (71.1, 77.1)	73.5 (71.4, 75.5)
	Part-time employed (0-20 hrs/week)	8.4 (6.5, 10.2)	9.0 (6.7, 11.3)	8.0 (5.6, 10.3)	7.3 (5.8, 8.8)	7.9 (6.5, 9.3)	7.4 (4.0, 10.8)
	Unemployed, looking for work	4.6 (2.8, 6.4)	5.0 (3.0, 6.9)	3.6 (2.4, 4.8)	4.9 (3.6, 6.3)	5.8 (4.8, 6.8)	4.5* (0.6, 8.5)
	Unemployed, not looking for work	14.5 (12.2, 16.9)	13.5 (10.7, 16.4)	14.9 (10.1, 19.6)	13.5 (11.3, 15.7)	12.4 (10.9, 13.9)	16.8 (10.0, 23.6)
	Employed, not at work	0.2* (0.0, 0.6)	0.4* (0.0, 1.0)	0.1* (0.0, 0.3)	0.2* (0.0, 0.5)	0.5* (0.1, 0.8)	- -
40-64	Full-time employed (21+ hrs/week)	64.4 (62.5, 66.2)	63.0 (60.6, 65.4)	65.3 (62.9, 67.7)	64.1 (61.9, 66.2)	63.3 (61.7, 64.9)	60.4 (55.3, 65.5)
	Part-time employed (0-20 hrs/week)	7.6 (6.6, 8.7)	7.1 (5.8, 8.4)	8.0 (6.0, 9.9)	8.1 (6.6, 9.6)	9.5 (8.4, 10.5)	10.6 (7.4, 13.8)
	Unemployed, looking for work	3.4 (2.6, 4.2)	4.5 (3.3, 5.7)	2.4 (1.4, 3.3)	2.9 (2.2, 3.6)	4.0 (3.5, 4.5)	3.9* (1.5, 6.4)
	Unemployed, not looking for work	24.4 (22.9, 25.9)	25.2 (22.6, 27.9)	24.3 (21.9, 26.7)	24.6 (22.7, 26.6)	22.0 (20.7, 23.3)	24.8 (20.2, 29.5)
	Employed, not at work	0.2* (0.1, 0.4)	0.2* (0.0, 0.4)	0.1* (0.0, 0.2)	0.3* (0.1, 0.5)	1.2 (0.8, 1.7)	0.3* (0.0, 0.5)
	65-79	Full-time employed (21+ hrs/week)	17.0 (14.4, 19.5)	15.3 (12.4, 18.2)	14.5 (10.8, 18.2)	14.2 (11.5, 17.0)	15.8 (14.5, 17.0)

(continued)

	Part-time employed (0-20 hrs/week)	7.3 (5.8, 8.8)	8.4 (5.6, 11.3)	6.6* (0.6, 12.6)	7.8 (6.2, 9.5)	8.0 (7.0, 9.1)	7.4 (5.0, 9.7)
	Unemployed, looking for work	1.5* (0.5, 2.4)	1.0 (0.4, 1.5)	0.9* (0.1, 1.6)	0.7* (0.2, 1.2)	1.1 (0.5, 1.6)	1.5* (0.0, 3.1)
	Unemployed, not looking for work	73.6 (70.7, 76.5)	75.0 (70.7, 79.2)	77.7 (68.9, 86.5)	77.0 (74.0, 80.0)	74.2 (72.8, 75.6)	76.3 (71.6, 81.0)
	Employed, not at work	0.6* (0.0, 1.2)	0.3* (0.0, 0.7)	0.4* (0.0, 0.7)	0.2* (0.0, 0.5)	0.9 (0.5, 1.3)	0.3* (0.0, 0.6)
80+	Full-time employed (21+ hrs/week)	4.2 (2.3, 6.0)	3.0* (0.6, 5.4)	4.7* (0.3, 9.1)	3.3 (1.5, 5.1)	3.3 (1.9, 4.8)	7.7* (0.0, 16.8)
	Part-time employed (0-20 hrs/week)	3.3 (2.0, 4.7)	2.8 (1.2, 4.4)	3.8* (1.1, 6.6)	2.0 (0.8, 3.1)	3.8 (1.9, 5.7)	3.8* (0.1, 7.4)
	Unemployed, looking for work	0.3* (0.0, 1.0)	0.1* (0.0, 0.4)	0.8* (0.0, 2.4)	0.7* (0.0, 1.9)	0.0* (0.0, 0.1)	- -
	Unemployed, not looking for work	92.0 (89.3, 94.6)	93.9 (90.9, 97.0)	90.2* (83.3, 97.1)	93.4 (90.8, 96.1)	92.0 (89.3, 94.8)	88.5* (78.9, 98.1)
	Employed, not at work	0.2* (0.0, 0.5)	0.2* (0.0, 0.6)	0.5* (0.0, 1.1)	0.6* (0.0, 1.3)	0.8* (0.2, 1.3)	- -

Note. \* = statistically unstable. - = suppressed due to small sample size.

### Employment status by race



Race/ethnicity	Employment status	CHIS 2015	CHIS 2016	CHIS 2017	CHIS 2018	CHIS 2019	Web Experiment
African American	Full-time employed (21+ hrs/week)	53.0 (47.4, 58.6)	52.5 (46.1, 58.9)	55.6 (45.2, 66.0)	54.2 (48.7, 59.7)	49.8 (45.0, 54.6)	57.4 (39.5, 75.3)
	Part-time employed (0-20 hrs/week)	8.9 (5.6, 12.3)	8.3 (4.4, 12.2)	7.6 (3.8, 11.3)	7.2 (4.2, 10.2)	8.5 (5.9, 11.2)	4.2* (0.0, 9.5)
	Unemployed, looking for work	5.5 (3.2, 7.8)	7.1 (4.3, 10.0)	3.8* (0.9, 6.7)	7.6 (3.9, 11.2)	5.2 (2.8, 7.6)	- -
	Unemployed, not looking for work	32.1 (26.9, 37.4)	31.7 (25.7, 37.8)	32.2 (22.9, 41.4)	30.6 (25.8, 35.4)	35.8 (30.5, 41.1)	37.2 (19.8, 54.6)
	Employed, not at work	0.4* (0.0, 1.2)	0.3* (0.0, 1.1)	0.9* (0.0, 2.2)	0.5* (0.0, 1.1)	0.7* (0.2, 1.1)	- -
	Asian	Full-time employed (21+ hrs/week)	61.0 (57.0, 65.0)	56.7 (50.7, 62.8)	58.5 (52.8, 64.3)	47.7 (42.9, 52.6)	53.3 (50.5, 56.1)
	Part-time employed (0-20 hrs/week)	7.7 (5.1, 10.2)	8.4 (5.4, 11.4)	10.3 (5.8, 14.8)	10.8 (7.6, 14.0)	11.7 (9.8, 13.6)	9.2* (3.4, 14.9)
	Unemployed, looking for work	4.7 (2.4, 7.0)	7.3 (4.0, 10.6)	6.4 (4.0, 8.7)	5.4 (3.3, 7.6)	5.4 (4.1, 6.7)	13.1* (4.3, 22.0)
	Unemployed, not looking for work	26.2 (22.4, 30.0)	27.6 (23.1, 32.0)	24.8 (20.8, 28.7)	35.9 (31.9, 40.0)	28.1 (25.5, 30.7)	24.9 (17.2, 32.5)
	Employed, not at work	0.5* (0.0, 1.3)	- -	- -	0.1* (0.0, 0.4)	1.5 (0.8, 2.1)	- -
Latino	Full-time employed (21+ hrs/week)	58.4 (56.1, 60.8)	57.4 (54.6, 60.3)	57.3 (53.4, 61.2)	58.8 (55.8, 61.8)	55.7 (53.4, 57.9)	47.9 (39.9, 55.9)
	Part-time employed (0-20 hrs/week)	10.7 (9.0, 12.3)	9.7 (8.0, 11.3)	10.7 (8.7, 12.7)	10.1 (8.7, 11.6)	10.9 (9.2, 12.5)	12.3 (7.0, 17.6)
	Unemployed, looking for work	5.8 (4.6, 7.1)	5.9 (4.4, 7.4)	4.4 (2.9, 5.8)	4.8 (3.6, 5.9)	9.4 (8.1, 10.7)	4.5* (1.4, 7.6)
	Unemployed, not looking for work	24.8 (22.4, 27.2)	26.6 (23.6, 29.6)	27.6 (23.3, 31.9)	26.1 (23.6, 28.7)	22.9 (21.1, 24.6)	35.0 (27.5, 42.5)
	Employed, not at work	0.3* (0.0, 0.6)	0.4* (0.0, 0.9)	0.1* (0.0, 0.3)	0.2* (0.0, 0.4)	1.1 (0.7, 1.6)	0.3* (0.0, 0.9)
	Non-Latino White	Full-time employed (21+ hrs/week)	53.0 (51.0, 55.0)	50.6 (48.0, 53.3)	51.2 (48.1, 54.2)	51.8 (50.2, 53.3)	51.7 (50.5, 52.8)

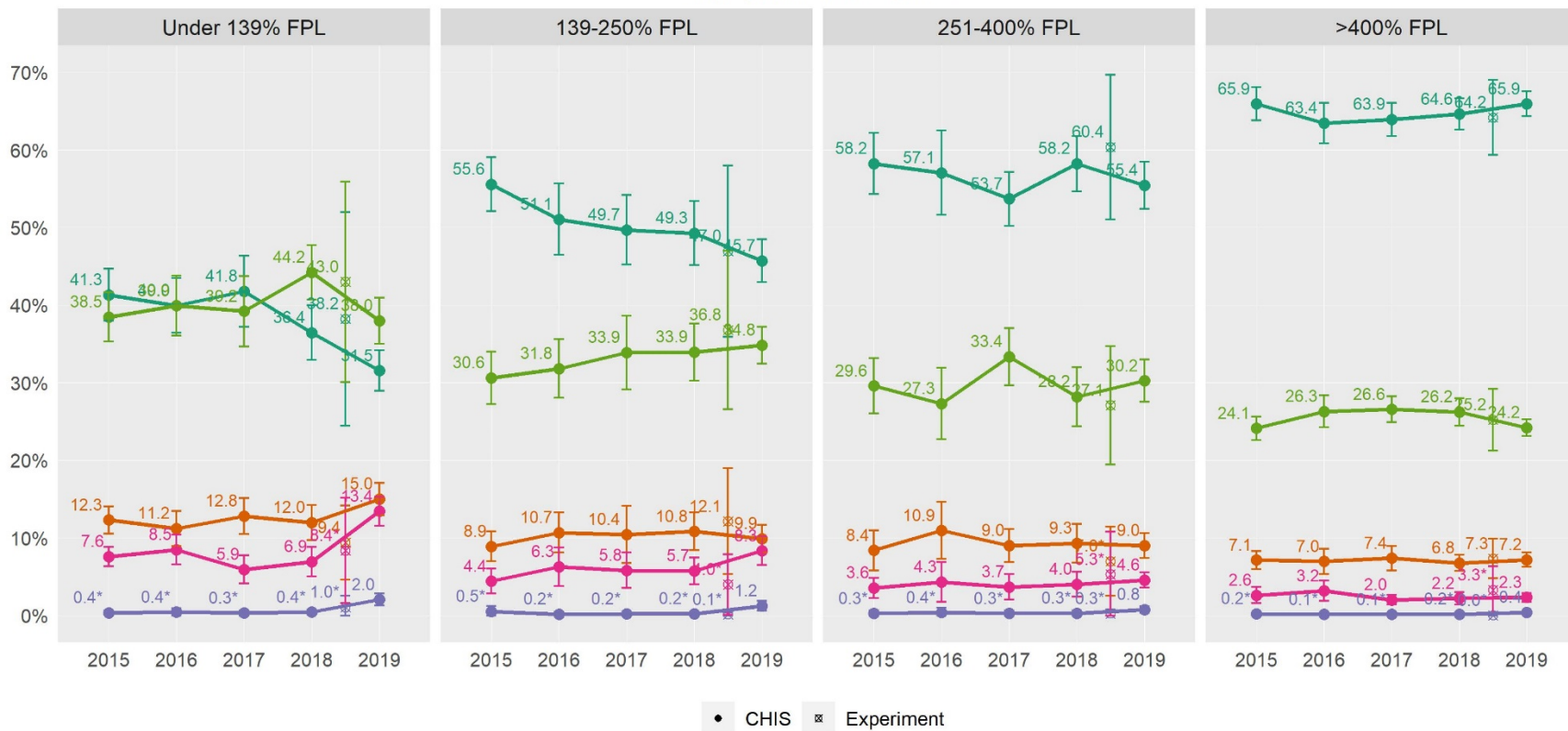
(continued)

	Part-time employed (0-20 hrs/week)	8.3 (7.2, 9.3)	9.6 (7.7, 11.5)	8.1 (7.1, 9.2)	8.1 (6.8, 9.4)	7.9 (6.9, 8.8)	10.4 (7.4, 13.4)
	Unemployed, looking for work	3.1 (2.1, 4.0)	3.8 (2.5, 5.1)	2.4 (1.5, 3.3)	3.0 (2.4, 3.7)	3.6 (3.0, 4.2)	2.3* (0.5, 4.1)
	Unemployed, not looking for work	35.4 (33.7, 37.1)	35.8 (33.4, 38.1)	38.1 (36.0, 40.2)	36.8 (35.3, 38.2)	36.2 (34.9, 37.5)	33.8 (29.8, 37.7)
	Employed, not at work	0.3* (0.1, 0.4)	0.2* (0.0, 0.4)	0.2* (0.0, 0.4)	0.3* (0.1, 0.6)	0.7 (0.4, 0.9)	0.2* (0.0, 0.4)
Other	Full-time employed (21+ hrs/week)	58.5 (51.4, 65.6)	51.7 (41.2, 62.2)	51.1 (42.4, 59.9)	61.1 (52.5, 69.8)	50.3 (43.0, 57.7)	54.2 (34.1, 74.3)
	Part-time employed (0-20 hrs/week)	7.4 (3.2, 11.6)	9.2* (1.6, 16.8)	11.8 (6.2, 17.3)	7.3* (2.6, 12.1)	8.8 (5.0, 12.5)	3.6* (0.0, 8.3)
	Unemployed, looking for work	3.6* (0.2, 7.0)	5.8* (0.4, 11.3)	5.8* (2.3, 9.3)	3.1* (0.0, 6.3)	4.7 (2.5, 7.0)	16.3* (0.0, 40.9)
	Unemployed, not looking for work	30.2 (24.4, 36.1)	33.3 (25.6, 41.0)	31.2 (23.2, 39.1)	28.1 (20.7, 35.5)	35.9 (29.4, 42.4)	25.9 (13.2, 38.6)
	Employed, not at work	0.3* (0.0, 0.8)	- -	0.2* (0.0, 0.5)	0.3* (0.0, 0.8)	0.3* (0.0, 0.6)	- -

Note. \* = statistically unstable. - = suppressed due to small sample size.



### Employment status by FPL



FPL	Employment status	CHIS 2015	CHIS 2016	CHIS 2017	CHIS 2018	CHIS 2019	Web Experiment
Under 139% FPL	Full-time employed (21+ hrs/week)	41.3 (37.9, 44.7)	40.0 (36.4, 43.5)	41.8 (37.2, 46.3)	36.4 (32.9, 40.0)	31.5 (28.9, 34.2)	38.2 (24.4, 52.0)
	Part-time employed (0-20 hrs/week)	12.3 (10.5, 14.1)	11.2 (9.0, 13.4)	12.8 (10.5, 15.1)	12.0 (9.7, 14.2)	15.0 (12.9, 17.1)	9.4 (4.6, 14.2)
	Unemployed, looking for work	7.6 (6.3, 8.8)	8.5 (6.6, 10.4)	5.9 (4.1, 7.7)	6.9 (5.0, 8.8)	13.4 (11.5, 15.3)	8.4* (1.6, 15.2)
	Unemployed, not looking for work	38.5 (35.3, 41.6)	39.9 (36.0, 43.8)	39.2 (34.7, 43.8)	44.2 (40.7, 47.7)	38.0 (35.0, 40.9)	43.0 (30.1, 55.9)
	Employed, not at work	0.4* (0.1, 0.6)	0.4* (0.0, 0.9)	0.3* (0.0, 0.6)	0.4* (0.1, 0.7)	2.0 (1.3, 2.8)	1.0* (0.0, 2.5)
	139-250% FPL	Full-time employed (21+ hrs/week)	55.6 (52.1, 59.0)	51.1 (46.5, 55.7)	49.7 (45.2, 54.2)	49.3 (45.1, 53.4)	45.7 (42.9, 48.5)
	Part-time employed (0-20 hrs/week)	8.9 (7.0, 10.8)	10.7 (8.1, 13.3)	10.4 (6.8, 14.1)	10.8 (8.4, 13.3)	9.9 (8.1, 11.6)	12.1 (5.3, 19.0)
	Unemployed, looking for work	4.4 (2.8, 6.0)	6.3 (3.8, 8.8)	5.8 (3.5, 8.1)	5.7 (4.0, 7.5)	8.3 (6.5, 10.2)	4.0* (0.1, 7.9)
	Unemployed, not looking for work	30.6 (27.3, 34.0)	31.8 (28.1, 35.6)	33.9 (29.1, 38.6)	33.9 (30.3, 37.6)	34.8 (32.4, 37.2)	36.8 (26.6, 47.0)
	Employed, not at work	0.5* (0.0, 1.2)	0.2* (0.0, 0.5)	0.2* (0.0, 0.5)	0.2* (0.0, 0.5)	1.2 (0.6, 1.9)	- -
251-400% FPL	Full-time employed (21+ hrs/week)	58.2 (54.3, 62.2)	57.1 (51.6, 62.5)	53.7 (50.2, 57.2)	58.2 (54.7, 61.8)	55.4 (52.4, 58.5)	60.4 (51.0, 69.7)
	Part-time employed (0-20 hrs/week)	8.4 (5.8, 11.0)	10.9 (7.3, 14.6)	9.0 (6.9, 11.1)	9.3 (6.8, 11.8)	9.0 (7.4, 10.6)	7.0* (2.5, 11.4)
	Unemployed, looking for work	3.6 (2.3, 4.9)	4.3 (1.8, 6.9)	3.7 (2.1, 5.3)	4.0 (2.4, 5.6)	4.6 (3.6, 5.6)	5.3* (0.0, 10.8)
	Unemployed, not looking for work	29.6 (26.0, 33.1)	27.3 (22.7, 31.9)	33.4 (29.7, 37.0)	28.2 (24.4, 32.0)	30.2 (27.5, 33.0)	27.1 (19.5, 34.7)
	Employed, not at work	0.3* (0.0, 0.6)	0.4* (0.0, 1.0)	0.3* (0.0, 0.6)	0.3* (0.0, 0.6)	0.8 (0.3, 1.2)	0.3* (0.0, 0.8)
	>400% FPL	Full-time employed (21+ hrs/week)	65.9 (63.8, 68.1)	63.4 (60.8, 66.0)	63.9 (61.8, 66.0)	64.6 (62.6, 66.7)	65.9 (64.3, 67.5)

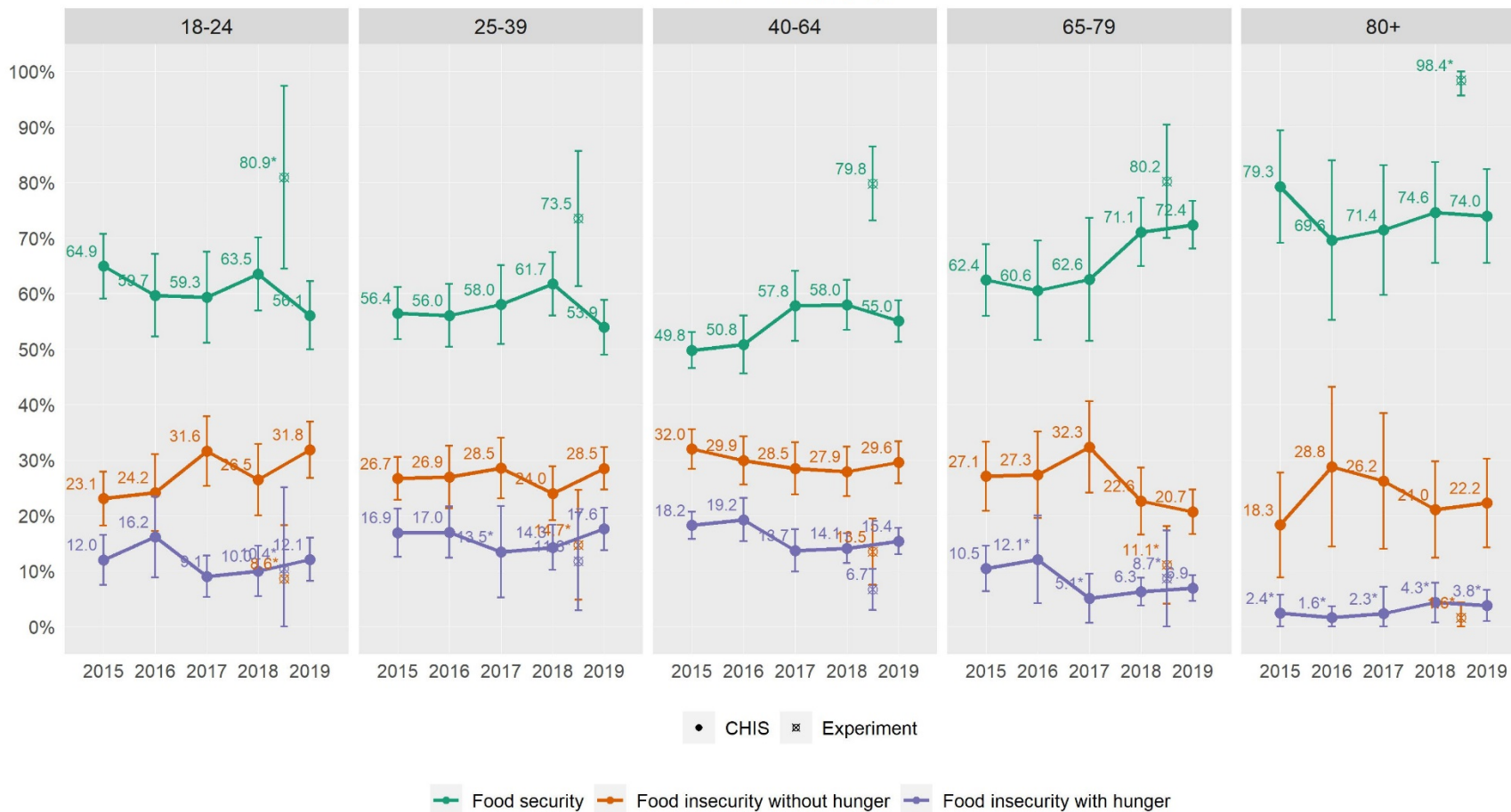
(continued)

Part-time employed (0-20 hrs/week)	7.1 (6.0, 8.3)	7.0 (5.3, 8.6)	7.4 (5.8, 9.0)	6.8 (5.7, 7.8)	7.2 (6.2, 8.1)	7.3 (4.8, 9.9)
Unemployed, looking for work	2.6 (1.6, 3.7)	3.2 (1.9, 4.5)	2.0 (1.4, 2.7)	2.2 (1.4, 3.0)	2.3 (1.8, 2.9)	3.3* (0.3, 6.3)
Unemployed, not looking for work	24.1 (22.6, 25.6)	26.3 (24.3, 28.3)	26.6 (24.9, 28.2)	26.2 (24.5, 28.0)	24.2 (23.1, 25.3)	25.2 (21.3, 29.2)
Employed, not at work	0.2* (0.1, 0.4)	0.1* (0.0, 0.2)	0.1* (0.0, 0.3)	0.2* (0.0, 0.3)	0.4 (0.2, 0.6)	- -

Note. \* = statistically unstable. – = suppressed due to small sample size.

Food security

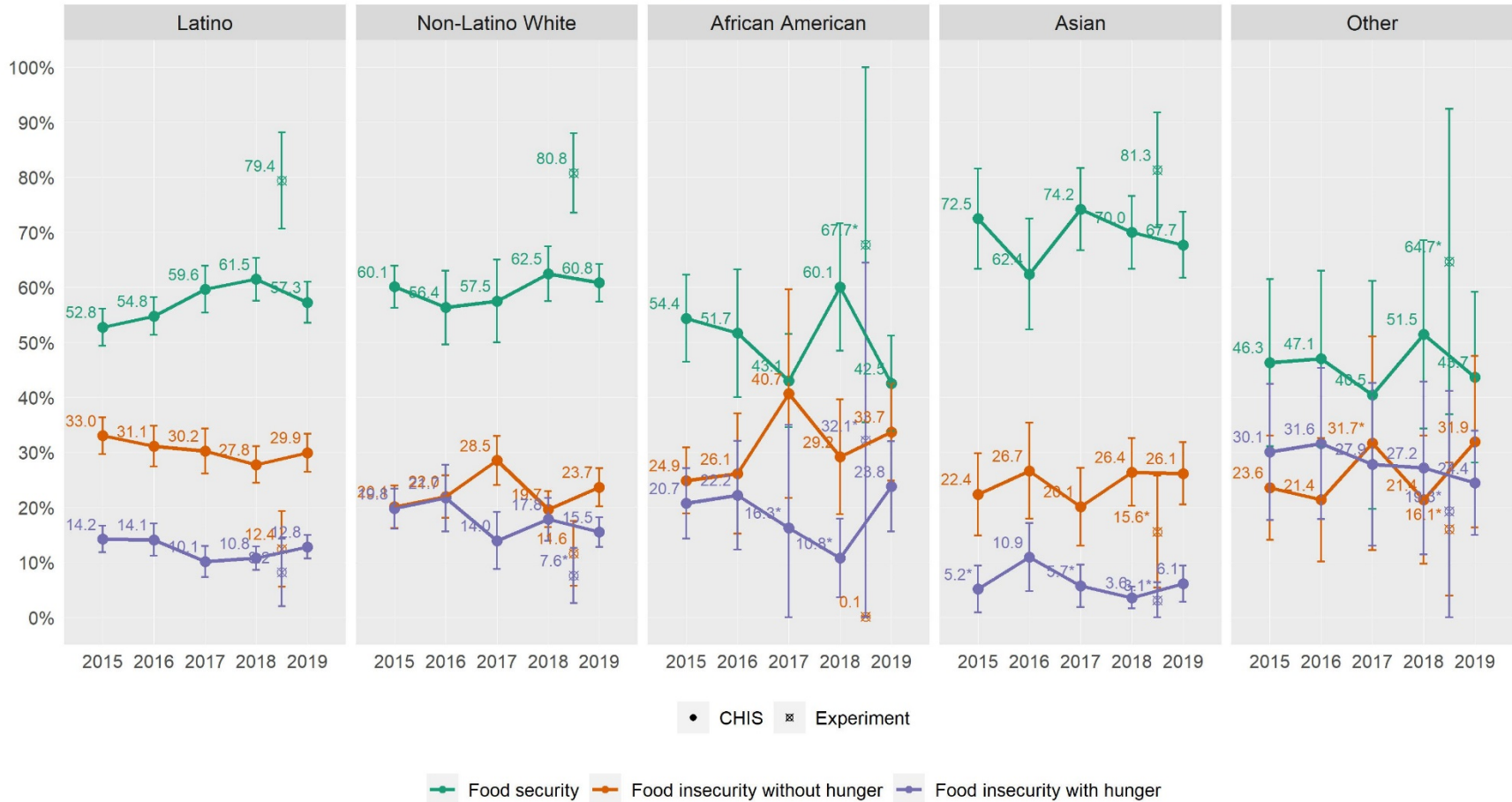
Food security by age



Age	Food security	CHIS 2015	CHIS 2016	CHIS 2017	CHIS 2018	CHIS 2019	Web Experiment
18-24	Food secure	64.9 (59.1, 70.8)	59.7 (52.3, 67.1)	59.3 (51.2, 67.5)	63.5 (56.9, 70.1)	56.1 (49.9, 62.2)	80.9* (64.5, 97.4)
	Food insecure without hunger	23.1 (18.2, 27.9)	24.2 (17.3, 31.1)	31.6 (25.3, 37.9)	26.5 (20.0, 32.9)	31.8 (26.8, 36.9)	8.6* (0.0, 18.3)
	Food insecure with hunger	12.0 (7.5, 16.5)	16.2 (8.9, 23.4)	9.1 (5.3, 12.8)	10.0 (5.5, 14.6)	12.1 (8.2, 16.0)	10.4* (0.0, 25.1)
25-39	Food secure	56.4 (51.7, 61.1)	56.0 (50.4, 61.7)	58.0 (50.9, 65.1)	61.7 (56.0, 67.4)	53.9 (48.9, 58.9)	73.5 (61.3, 85.7)
	Food insecure without hunger	26.7 (22.8, 30.5)	26.9 (21.3, 32.6)	28.5 (23.1, 34.0)	24.0 (19.2, 28.8)	28.5 (24.7, 32.3)	14.7* (4.8, 24.6)
	Food insecure with hunger	16.9 (12.6, 21.2)	17.0 (12.4, 21.6)	13.5* (5.2, 21.7)	14.3 (10.2, 18.3)	17.6 (13.8, 21.4)	11.8* (2.9, 20.6)
40-64	Food secure	49.8 (46.5, 53.1)	50.8 (45.6, 56.0)	57.8 (51.5, 64.1)	58.0 (53.5, 62.4)	55.0 (51.3, 58.8)	79.8 (73.1, 86.5)
	Food insecure without hunger	32.0 (28.4, 35.5)	29.9 (25.6, 34.3)	28.5 (23.8, 33.2)	27.9 (23.4, 32.4)	29.6 (25.8, 33.4)	13.5 (7.5, 19.5)
	Food insecure with hunger	18.2 (15.8, 20.7)	19.2 (15.3, 23.1)	13.7 (9.9, 17.5)	14.1 (11.4, 16.8)	15.4 (13.0, 17.8)	6.7 (3.0, 10.4)
65-79	Food secure	62.4 (56.0, 68.9)	60.6 (51.6, 69.5)	62.6 (51.5, 73.6)	71.1 (64.9, 77.3)	72.4 (68.1, 76.7)	80.2 (70.0, 90.4)
	Food insecure without hunger	27.1 (20.8, 33.3)	27.3 (19.5, 35.1)	32.3 (24.1, 40.6)	22.6 (16.6, 28.6)	20.7 (16.6, 24.7)	11.1* (4.1, 18.1)
	Food insecure with hunger	10.5 (6.4, 14.6)	12.1* (4.2, 20.0)	5.1* (0.7, 9.5)	6.3 (3.8, 8.8)	6.9 (4.6, 9.3)	8.7* (0.0, 17.3)
80+	Food secure	79.3 (69.1, 89.4)	69.6 (55.2, 84.0)	71.4 (59.7, 83.1)	74.6 (65.6, 83.7)	74 (65.5, 82.4)	98.4* (95.7, 100.0)
	Food insecure without hunger	18.3 (8.9, 27.8)	28.8 (14.4, 43.1)	26.2 (14.0, 38.5)	21.0 (12.4, 29.7)	22.2 (14.2, 30.3)	- -
	Food insecure with hunger	2.4* (0.0, 5.7)	1.6* (0.0, 3.6)	2.3* (0.0, 7.1)	4.3* (0.8, 7.9)	3.8* (1.0, 6.6)	- -

Note. \* = statistically unstable. – = suppressed due to small sample size.

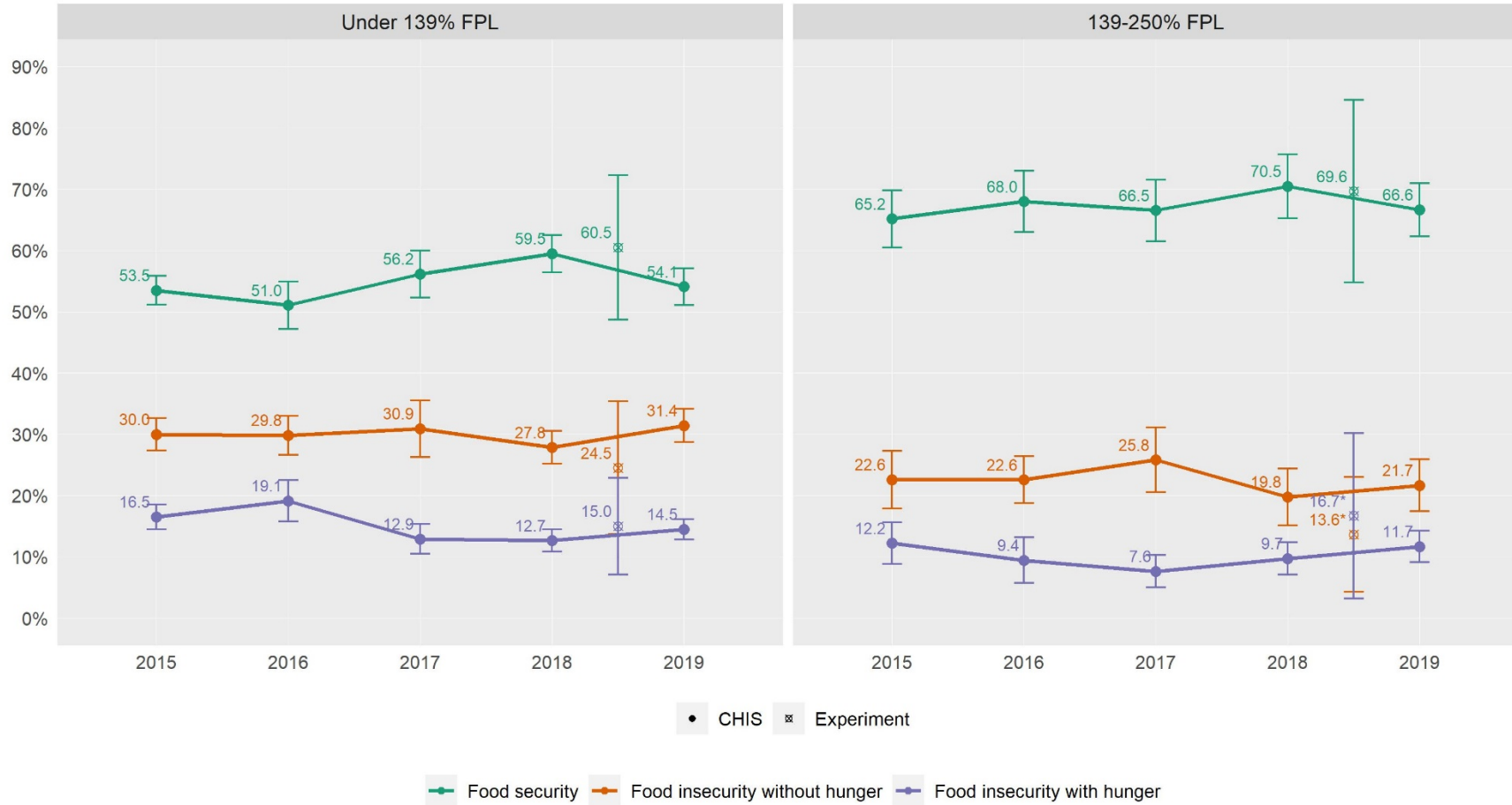
### Food security by race



Race/ethnicity	Food security	CHIS 2015	CHIS 2016	CHIS 2017	CHIS 2018	CHIS 2019	Web Experiment
African American	Food secure	54.4 (46.4, 62.3)	51.7 (40.0, 63.3)	43.1 (34.6, 51.5)	60.1 (48.5, 71.7)	42.5 (33.8, 51.2)	67.7* (35.5, 100.0)
	Food insecure without hunger	24.9 (18.9, 30.9)	26.1 (15.2, 37.0)	40.7 (21.7, 59.7)	29.2 (18.7, 39.6)	33.7 (24.9, 42.5)	- -
	Food insecure with hunger	20.7 (14.3, 27.1)	22.2 (12.4, 32.1)	16.3* (0.0, 35.0)	10.8* (3.6, 17.9)	23.8 (15.6, 32.0)	32.1* (0.0, 64.5)
Asian	Food secure	72.5 (63.4, 81.6)	62.4 (52.3, 72.5)	74.2 (66.7, 81.7)	70.0 (63.4, 76.6)	67.7 (61.7, 73.7)	81.3 (70.9, 91.8)
	Food insecure without hunger	22.4 (14.9, 29.8)	26.7 (17.9, 35.4)	20.1 (13.0, 27.2)	26.4 (20.2, 32.6)	26.1 (20.5, 31.8)	15.6* (5.4, 25.7)
	Food insecure with hunger	5.2* (0.9, 9.4)	10.9 (4.8, 17.1)	5.7* (1.8, 9.6)	3.6 (1.6, 5.6)	6.1 (2.8, 9.4)	3.1* (0.0, 6.4)
Latino	Food secure	52.8 (49.4, 56.1)	54.8 (51.3, 58.2)	59.6 (55.4, 63.9)	61.5 (57.6, 65.3)	57.3 (53.5, 61.0)	79.4 (70.6, 88.2)
	Food insecure without hunger	33.0 (29.7, 36.3)	31.1 (27.4, 34.8)	30.2 (26.2, 34.3)	27.8 (24.5, 31.1)	29.9 (26.4, 33.4)	12.4 (5.5, 19.3)
	Food insecure with hunger	14.2 (11.8, 16.6)	14.1 (11.2, 17.1)	10.1 (7.3, 13.0)	10.8 (8.6, 12.9)	12.8 (10.7, 15.0)	8.2* (2.0, 14.4)
Non-Latino White	Food secure	60.1 (56.3, 63.9)	56.4 (49.6, 63.1)	57.5 (50.0, 65.1)	62.5 (57.5, 67.5)	60.8 (57.4, 64.3)	80.8 (73.5, 88.0)
	Food insecure without hunger	20.1 (16.3, 24.0)	22.0 (18.1, 25.8)	28.5 (24.1, 33.0)	19.7 (16.4, 22.9)	23.7 (20.2, 27.1)	11.6 (5.7, 17.5)
	Food insecure with hunger	19.8 (16.1, 23.4)	21.7 (15.6, 27.8)	14.0 (8.8, 19.1)	17.8 (14.0, 21.7)	15.5 (12.8, 18.2)	7.6* (2.6, 12.7)
Other	Food secure	46.3 (31.2, 61.5)	47.1 (31.1, 63.0)	40.5 (19.7, 61.2)	51.5 (34.4, 68.5)	43.7 (28.1, 59.2)	64.7* (36.9, 92.5)
	Food insecure without hunger	23.6 (14.1, 33.0)	21.4 (10.2, 32.6)	31.7* (12.3, 51.1)	21.4 (9.7, 33.1)	31.9 (16.3, 47.5)	16.1* (4.0, 28.1)
	Food insecure with hunger	30.1 (17.7, 42.4)	31.6 (17.9, 45.3)	27.9 (13.1, 42.6)	27.2 (11.5, 42.9)	24.4 (15.0, 33.9)	19.3* (0.0, 41.2)

Note. \* = statistically unstable. – = suppressed due to small sample size.

### Food security by FPL



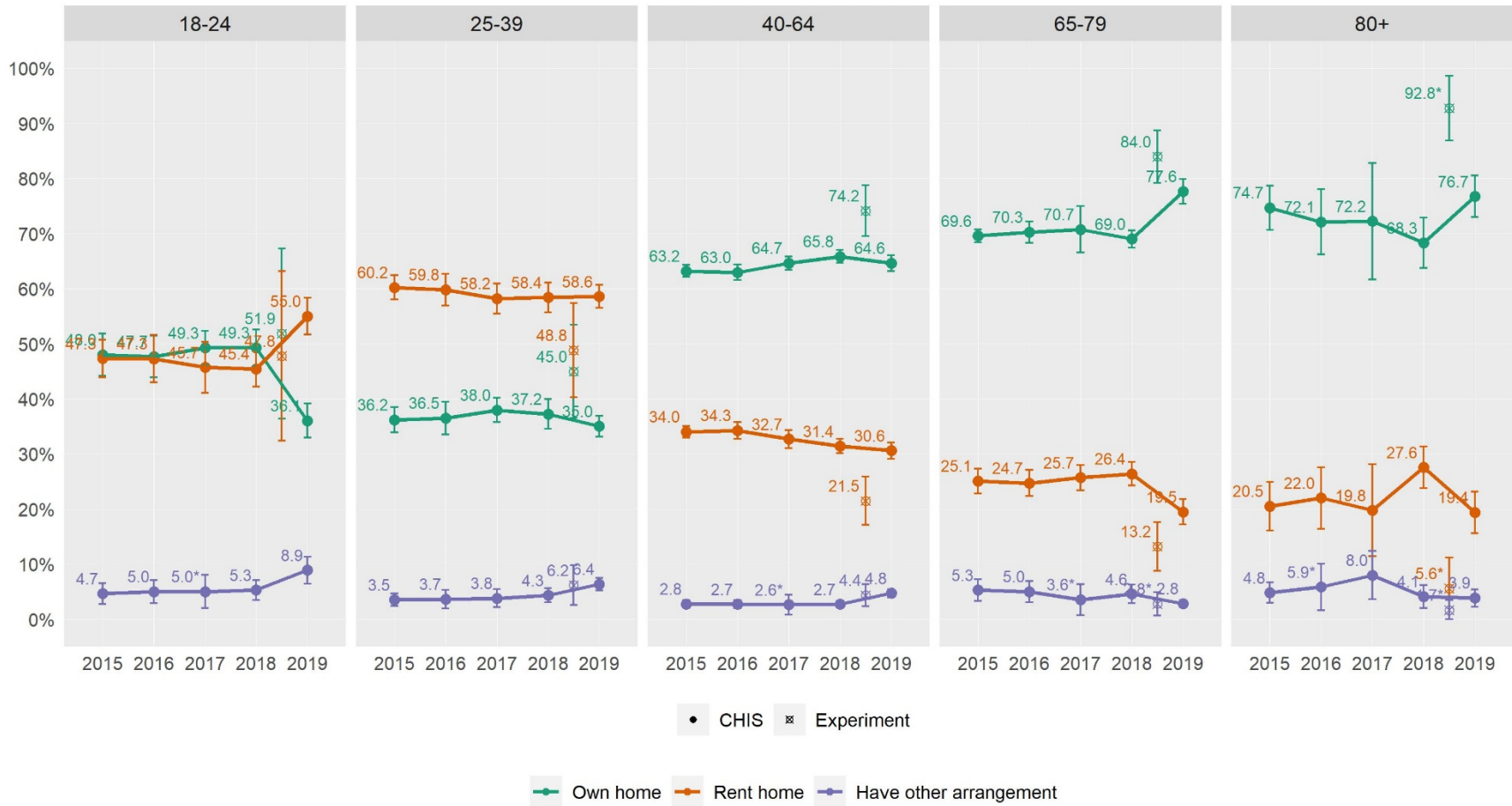


FPL	Food security	CHIS 2015	CHIS 2016	CHIS 2017	CHIS 2018	CHIS 2019	Web Experiment
Under 139% FPL	Food insecure with hunger	16.5 (14.5, 18.6)	19.1 (15.8, 22.5)	12.9 (10.5, 15.3)	12.7 (10.8, 14.5)	14.5 (12.8, 16.1)	15.0 (7.1, 22.9)
	Food insecure without hunger	30.0 (27.3, 32.6)	29.8 (26.7, 33.0)	30.9 (26.3, 35.5)	27.8 (25.2, 30.5)	31.4 (28.7, 34.1)	24.5 (13.7, 35.4)
	Food secure	53.5 (51.1, 55.9)	51.0 (47.2, 54.9)	56.2 (52.3, 60.0)	59.5 (56.5, 62.5)	54.1 (51.1, 57.1)	60.5 (48.7, 72.3)
139-250% FPL	Food insecure with hunger	12.2 (8.8, 15.6)	9.4 (5.7, 13.2)	7.6 (5.0, 10.3)	9.7 (7.1, 12.4)	11.7 (9.1, 14.3)	16.7* (3.2, 30.2)
	Food insecure without hunger	22.6 (17.9, 27.3)	22.6 (18.7, 26.4)	25.8 (20.5, 31.1)	19.8 (15.1, 24.4)	21.7 (17.4, 25.9)	13.6* (4.3, 23.0)
	Food secure	65.2 (60.5, 69.8)	68.0 (63.0, 73.0)	66.5 (61.5, 71.6)	70.5 (65.3, 75.7)	66.6 (62.3, 71.0)	69.6 (54.7, 84.5)

Note. \* = statistically unstable.

Housing tenure

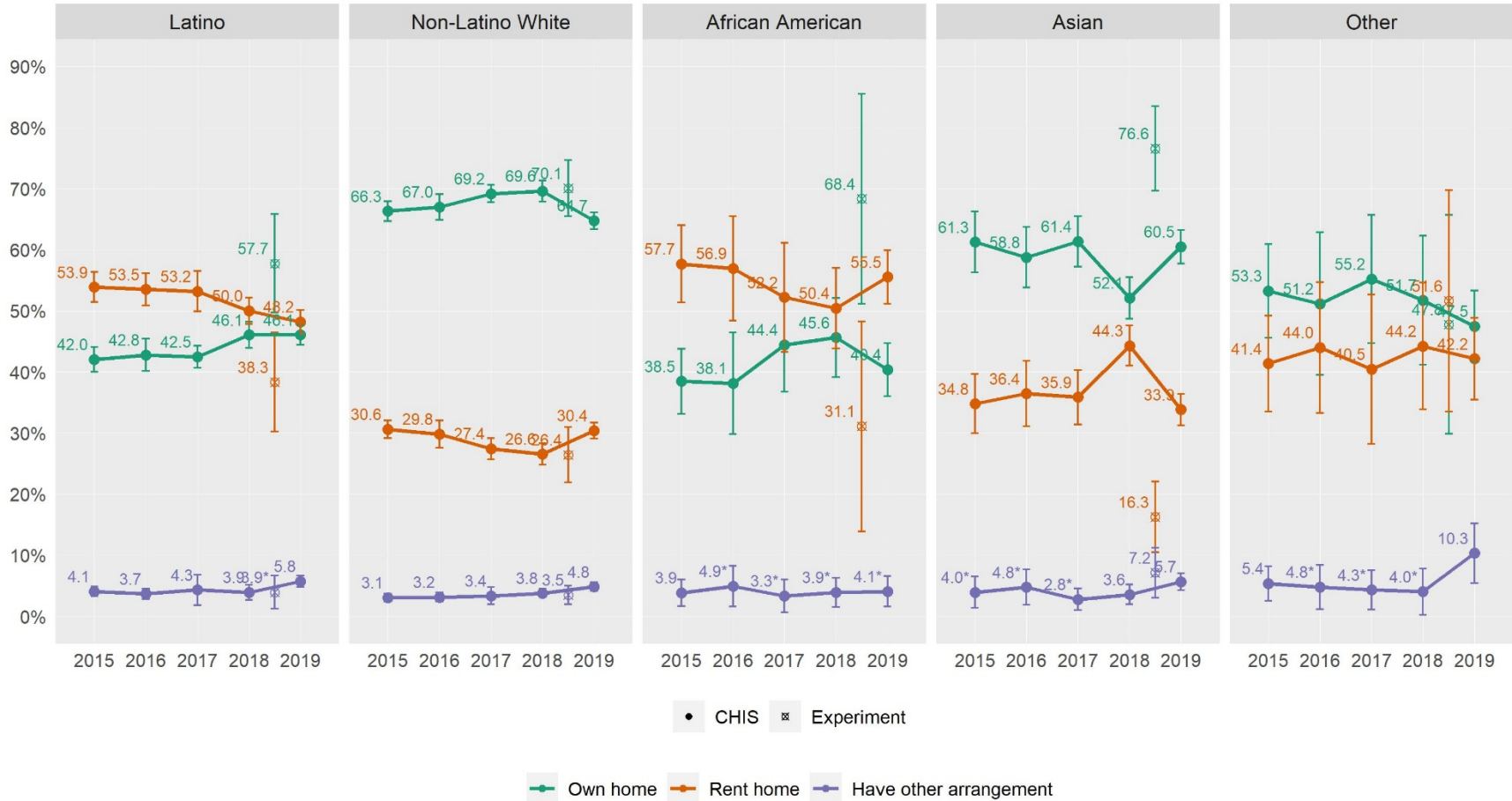
Home ownership by age



Age	Housing tenure						Web
		CHIS 2015	CHIS 2016	CHIS 2017	CHIS 2018	CHIS 2019	Experiment
18-24	Own home	48.0 (44.2, 51.8)	47.7 (43.9, 51.5)	49.3 (46.1, 52.4)	49.3 (46.0, 52.6)	36.1 (32.9, 39.2)	51.9 (36.4, 67.3)
	Rent home	47.3 (43.9, 50.8)	47.3 (43.0, 51.6)	45.7 (41.1, 50.3)	45.4 (42.2, 48.6)	55.0 (51.7, 58.3)	47.8 (32.4, 63.2)
	Have other arrangement	4.7 (2.8, 6.5)	5.0 (2.9, 7.1)	5.0* (2.0, 8.1)	5.3 (3.4, 7.1)	8.9 (6.5, 11.3)	- -
25-39	Own home	36.2 (33.9, 38.5)	36.5 (33.5, 39.5)	38.0 (35.8, 40.2)	37.2 (34.5, 40.0)	35.0 (33.2, 36.9)	45.0 (36.5, 53.5)
	Rent home	60.2 (58.1, 62.4)	59.8 (56.9, 62.7)	58.2 (55.5, 61.0)	58.4 (55.7, 61.1)	58.6 (56.5, 60.7)	48.8 (40.3, 57.4)
	Have other arrangement	3.5 (2.4, 4.6)	3.7 (2.0, 5.4)	3.8 (2.2, 5.5)	4.3 (3.0, 5.6)	6.4 (5.2, 7.5)	6.2 (2.6, 9.8)
40-64	Own home	63.2 (62.1, 64.3)	63.0 (61.5, 64.4)	64.7 (63.4, 65.9)	65.8 (64.7, 67.0)	64.6 (63.2, 66.1)	74.2 (69.6, 78.7)
	Rent home	34.0 (33.0, 35.0)	34.3 (32.7, 35.8)	32.7 (31.1, 34.3)	31.4 (30.1, 32.7)	30.6 (29.2, 32.1)	21.5 (17.1, 25.9)
	Have other arrangement	2.8 (2.1, 3.5)	2.7 (2.0, 3.4)	2.6* (0.8, 4.5)	2.7 (2.1, 3.4)	4.8 (4.0, 5.5)	4.4 (2.3, 6.4)
65-79	Own home	69.6 (68.4, 70.8)	70.3 (68.3, 72.2)	70.7 (66.5, 75.0)	69.0 (67.4, 70.6)	77.6 (75.4, 79.9)	84.0 (79.2, 88.8)
	Rent home	25.1 (22.8, 27.4)	24.7 (22.4, 27.1)	25.7 (23.4, 28.0)	26.4 (24.3, 28.5)	19.5 (17.2, 21.8)	13.2 (8.8, 17.6)
	Have other arrangement	5.3 (3.3, 7.3)	5.0 (3.1, 7.0)	3.6* (0.7, 6.4)	4.6 (2.9, 6.3)	2.8 (2.2, 3.5)	2.8* (0.7, 4.9)
80+	Own home	74.7 (70.7, 78.7)	72.1 (66.2, 78.0)	72.2 (61.7, 82.8)	68.3 (63.7, 72.9)	76.7 (73.0, 80.5)	92.8* (86.9, 98.6)
	Rent home	20.5 (16.1, 24.9)	22.0 (16.4, 27.6)	19.8 (11.4, 28.1)	27.6 (23.8, 31.3)	19.4 (15.6, 23.1)	5.6* (0.0, 11.2)
	Have other arrangement	4.8 (3.0, 6.7)	5.9* (1.6, 10.1)	8.0 (3.7, 12.4)	4.1 (2.1, 6.2)	3.9 (2.3, 5.4)	1.7* (0.0, 3.4)

Note. \* = statistically unstable. -- = suppressed due to small sample size.

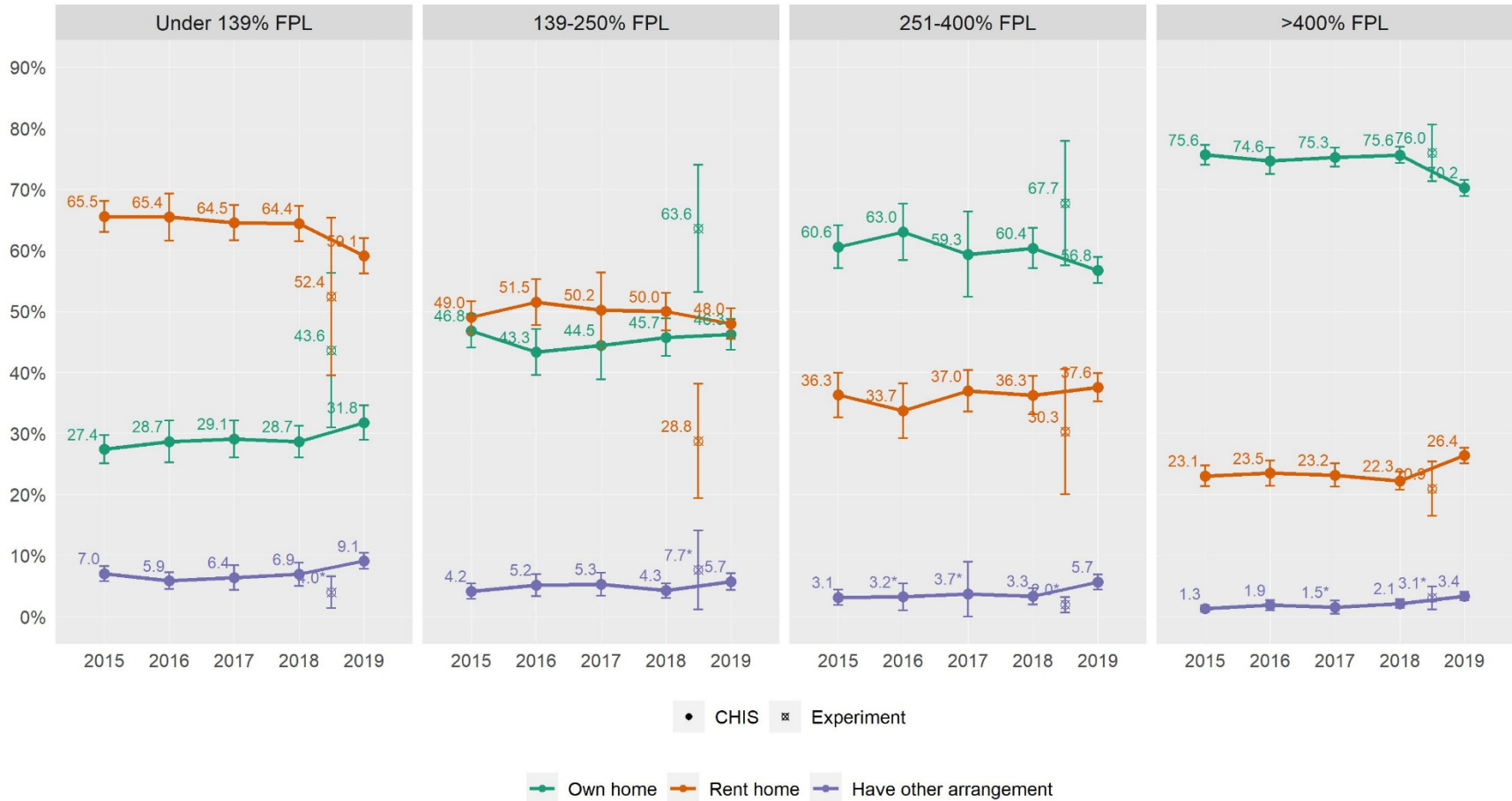
### Home ownership by race



Race/ethnicity	Housing tenure	CHIS 2015	CHIS 2016	CHIS 2017	CHIS 2018	CHIS 2019	Web Experiment
African American	Own home	38.5 (33.2, 43.8)	38.1 (29.8, 46.4)	44.4 (36.7, 52.1)	45.6 (39.1, 52.1)	40.4 (36.0, 44.7)	68.4 (51.2, 85.5)
	Rent home	57.7 (51.4, 64.0)	56.9 (48.4, 65.5)	52.2 (43.3, 61.2)	50.4 (43.8, 57.0)	55.5 (51.2, 59.9)	31.1 (13.9, 48.3)
	Have other arrangement	3.9 (1.6, 6.1)	4.9* (1.6, 8.3)	3.3* (0.7, 6.0)	3.9* (1.5, 6.3)	4.1* (1.6, 6.6)	- -
Asian	Own home	61.3 (56.3, 66.3)	58.8 (53.8, 63.7)	61.4 (57.3, 65.5)	52.1 (48.7, 55.5)	60.5 (57.8, 63.2)	76.6 (69.7, 83.5)
	Rent home	34.8 (29.9, 39.6)	36.4 (31.1, 41.8)	35.9 (31.4, 40.3)	44.3 (41.0, 47.6)	33.9 (31.3, 36.4)	16.3 (10.5, 22.1)
	Have other arrangement	4.0* (1.4, 6.5)	4.8* (1.9, 7.7)	2.8* (1.0, 4.6)	3.6 (2.0, 5.2)	5.7 (4.3, 7.1)	7.2 (3.1, 11.2)
Latino	Own home	42.0 (40.0, 44.0)	42.8 (40.1, 45.5)	42.5 (40.7, 44.3)	46.1 (44.0, 48.2)	46.1 (44.4, 47.7)	57.7 (49.7, 65.8)
	Rent home	53.9 (51.4, 56.3)	53.5 (50.9, 56.2)	53.2 (49.9, 56.5)	50.0 (47.8, 52.2)	48.2 (46.2, 50.1)	38.3 (30.2, 46.4)
	Have other arrangement	4.1 (3.3, 4.9)	3.7 (2.9, 4.5)	4.3 (1.8, 6.8)	3.9 (2.7, 5.1)	5.8 (4.8, 6.7)	3.9* (1.2, 6.6)
Non-Latino White	Own home	66.3 (64.7, 67.9)	67.0 (64.9, 69.1)	69.2 (67.8, 70.6)	69.6 (67.9, 71.4)	64.7 (63.4, 66.1)	70.1 (65.5, 74.7)
	Rent home	30.6 (29.2, 32.1)	29.8 (27.6, 32.1)	27.4 (25.7, 29.1)	26.6 (24.8, 28.3)	30.4 (29.1, 31.7)	26.4 (21.9, 31.0)
	Have other arrangement	3.1 (2.4, 3.7)	3.2 (2.4, 3.9)	3.4 (2.0, 4.8)	3.8 (3.1, 4.5)	4.8 (4.1, 5.6)	3.5 (2.0, 5.0)
Other	Own home	53.3 (45.6, 60.9)	51.2 (39.5, 62.9)	55.2 (44.7, 65.7)	51.7 (41.2, 62.3)	47.5 (41.7, 53.3)	47.8 (29.9, 65.7)
	Rent home	41.4 (33.5, 49.2)	44.0 (33.3, 54.7)	40.5 (28.2, 52.7)	44.2 (33.8, 54.6)	42.2 (35.4, 48.9)	51.6 (33.5, 69.7)
	Have other arrangement	5.4 (2.6, 8.2)	4.8* (1.2, 8.4)	4.3* (1.1, 7.5)	4.0* (0.2, 7.9)	10.3 (5.4, 15.2)	- -

Note. \* = statistically unstable. – = suppressed due to small sample size.

### Home ownership by FPL

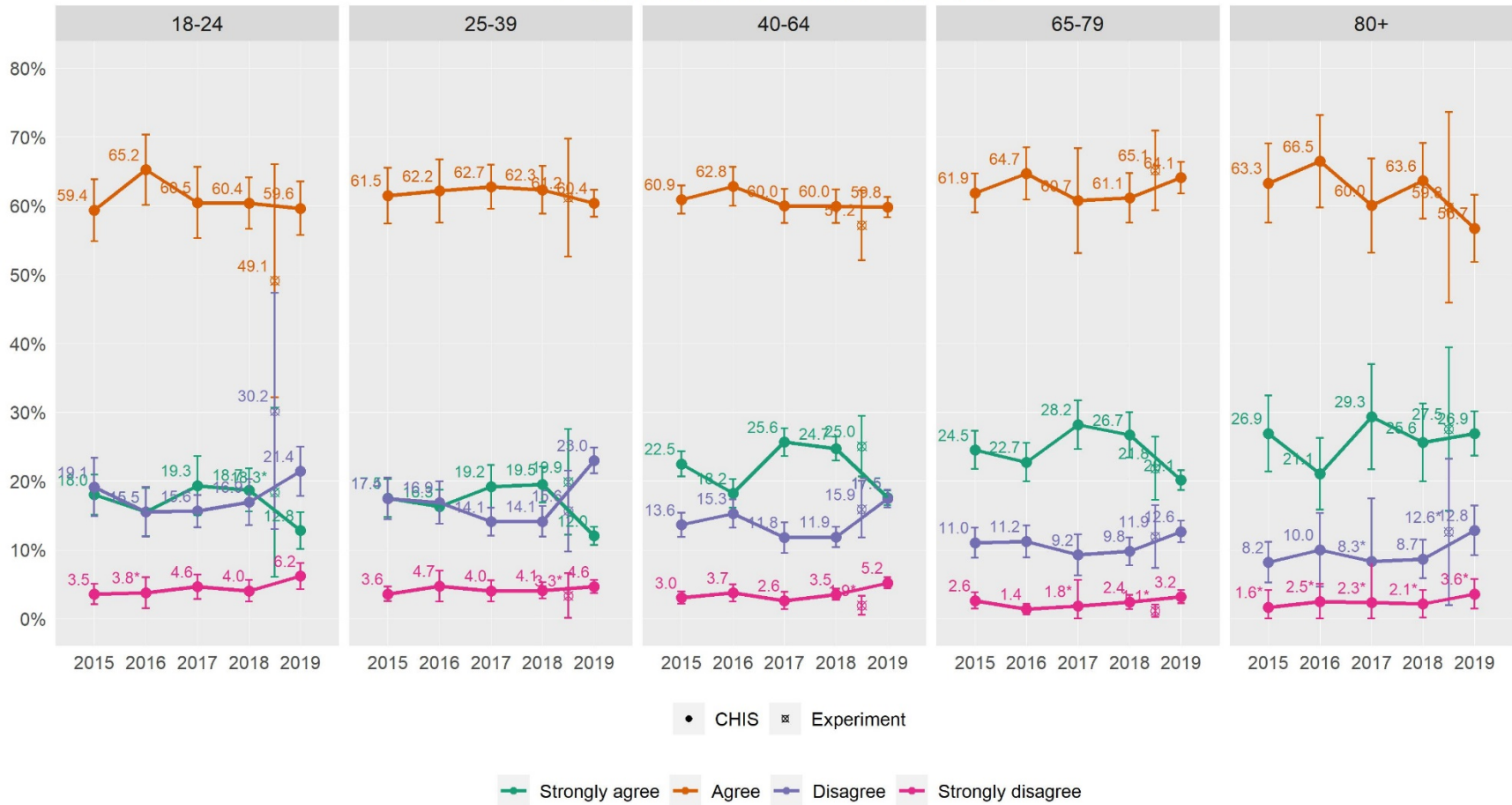


FPL	Housing tenure	CHIS 2015	CHIS 2016	CHIS 2017	CHIS 2018	CHIS 2019	Web Experiment
Under 139% FPL	Own home	27.4 (25.1, 29.7)	28.7 (25.2, 32.1)	29.1 (26.1, 32.1)	28.7 (26.0, 31.3)	31.8 (29.0, 34.6)	43.6 (31.0, 56.3)
	Rent home	65.5 (63.0, 68.1)	65.4 (61.6, 69.3)	64.5 (61.6, 67.4)	64.4 (61.5, 67.3)	59.1 (56.2, 62.0)	52.4 (39.5, 65.3)
	Have other arrangement	7.0 (5.8, 8.3)	5.9 (4.5, 7.2)	6.4 (4.4, 8.4)	6.9 (5.0, 8.8)	9.1 (7.8, 10.4)	4.0* (1.4, 6.6)
139-250% FPL	Own home	46.8 (44.0, 49.6)	43.3 (39.6, 47.1)	44.5 (38.9, 50.1)	45.7 (42.7, 48.8)	46.3 (43.7, 48.8)	63.6 (53.2, 74.0)
	Rent home	49.0 (46.4, 51.7)	51.5 (47.8, 55.3)	50.2 (44.1, 56.3)	50.0 (46.9, 53.1)	48.0 (45.5, 50.5)	28.8 (19.4, 38.1)
	Have other arrangement	4.2 (2.9, 5.4)	5.2 (3.3, 7.0)	5.3 (3.4, 7.2)	4.3 (3.1, 5.5)	5.7 (4.3, 7.1)	7.7* (1.2, 14.1)
251-400% FPL	Own home	60.6 (57.1, 64.1)	63.0 (58.4, 67.7)	59.3 (52.4, 66.3)	60.4 (57.1, 63.7)	56.8 (54.6, 58.9)	67.7 (57.5, 77.9)
	Rent home	36.3 (32.6, 39.9)	33.7 (29.3, 38.2)	37.0 (33.6, 40.4)	36.3 (33.1, 39.4)	37.6 (35.3, 39.9)	30.3 (20.1, 40.5)
	Have other arrangement	3.1 (1.9, 4.4)	3.2* (1.0, 5.5)	3.7* (0.0, 9.0)	3.3 (2.0, 4.7)	5.7 (4.4, 6.9)	2.0* (0.7, 3.2)
>400% FPL	Own home	75.6 (74.0, 77.3)	74.6 (72.5, 76.8)	75.3 (73.7, 76.8)	75.6 (74.3, 77.0)	70.2 (68.9, 71.6)	76.0 (71.4, 80.6)
	Rent home	23.1 (21.4, 24.7)	23.5 (21.5, 25.5)	23.2 (21.3, 25.1)	22.3 (20.8, 23.7)	26.4 (25.1, 27.6)	20.9 (16.5, 25.4)
	Have other arrangement	1.3 (0.8, 1.8)	1.9 (1.1, 2.7)	1.5* (0.4, 2.7)	2.1 (1.4, 2.8)	3.4 (2.7, 4.0)	3.1* (1.2, 5.0)

Note. \* = statistically unstable.

People in neighborhood willing to help

People in neighborhood willing to help by age





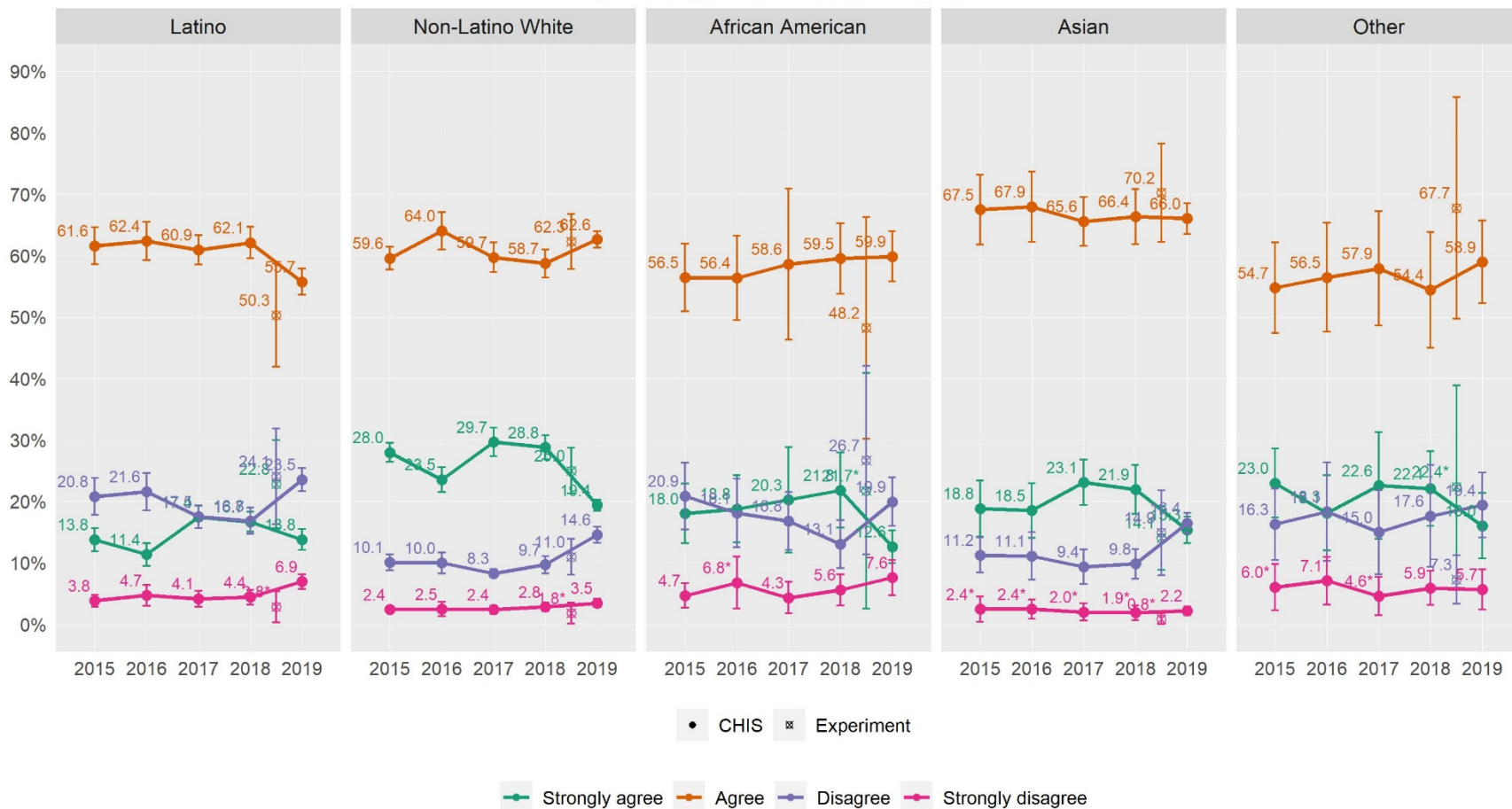
Age	People in neighborhood willing to help	CHIS 2015	CHIS 2016	CHIS 2017	CHIS 2018	CHIS 2019	Web Experiment
18-24	Strongly agree	18.0 (15.1, 20.9)	15.5 (12.0, 19.0)	19.3 (15.0, 23.6)	18.7 (15.6, 21.8)	12.8 (10.1, 15.5)	18.3* (6.1, 30.6)
	Agree	59.4 (54.9, 63.9)	65.2 (60.2, 70.3)	60.5 (55.3, 65.6)	60.4 (56.6, 64.1)	59.6 (55.8, 63.5)	49.1 (32.2, 66.1)
	Disagree	19.1 (14.9, 23.3)	15.5 (11.9, 19.1)	15.6 (13.3, 18.0)	16.9 (13.6, 20.3)	21.4 (17.8, 25.0)	30.2 (13.0, 47.4)
	Strongly disagree	3.5 (2.0, 5.0)	3.8* (1.5, 6.0)	4.6 (2.8, 6.4)	4.0 (2.5, 5.6)	6.2 (4.3, 8.1)	- -
25-39	Strongly agree	17.5 (14.8, 20.3)	16.3 (13.8, 18.8)	19.2 (16.1, 22.3)	19.5 (16.9, 22.1)	12.0 (10.7, 13.3)	19.9 (12.1, 27.6)
	Agree	61.5 (57.4, 65.5)	62.2 (57.6, 66.8)	62.7 (59.5, 65.9)	62.3 (58.8, 65.8)	60.4 (58.4, 62.3)	61.2 (52.6, 69.8)
	Disagree	17.4 (14.4, 20.5)	16.9 (13.8, 20.0)	14.1 (12.0, 16.1)	14.1 (11.9, 16.4)	23.0 (21.1, 24.8)	15.6 (9.8, 21.5)
	Strongly disagree	3.6 (2.5, 4.6)	4.7 (2.4, 7.0)	4.0 (2.5, 5.5)	4.1 (2.9, 5.3)	4.6 (3.7, 5.6)	3.3* (0.1, 6.6)
40-64	Strongly agree	22.5 (20.6, 24.3)	18.2 (16.1, 20.3)	25.6 (23.6, 27.7)	24.7 (22.9, 26.4)	17.5 (16.5, 18.6)	25.0 (20.6, 29.5)
	Agree	60.9 (58.8, 63.0)	62.8 (60.0, 65.7)	60.0 (57.5, 62.5)	60.0 (57.5, 62.4)	59.8 (58.4, 61.3)	57.2 (52.1, 62.3)
	Disagree	13.6 (11.9, 15.4)	15.3 (13.2, 17.3)	11.8 (9.6, 14.0)	11.9 (10.4, 13.3)	17.5 (16.2, 18.7)	15.9 (11.8, 20.0)
	Strongly disagree	3.0 (2.1, 3.9)	3.7 (2.5, 5.0)	2.6 (1.3, 3.9)	3.5 (2.7, 4.3)	5.2 (4.4, 6.0)	1.9* (0.5, 3.3)
65-79	Strongly agree	24.5 (21.7, 27.3)	22.7 (19.9, 25.5)	28.2 (24.7, 31.7)	26.7 (23.4, 30.0)	20.1 (18.7, 21.6)	21.8 (17.2, 26.4)
	Agree	61.9 (59.0, 64.7)	64.7 (60.9, 68.5)	60.7 (53.1, 68.4)	61.1 (57.6, 64.7)	64.1 (61.8, 66.4)	65.1 (59.3, 70.9)
	Disagree	11.0 (8.9, 13.2)	11.2 (8.9, 13.5)	9.2 (6.2, 12.2)	9.8 (7.8, 11.8)	12.6 (11.1, 14.2)	11.9 (7.3, 16.5)
	Strongly disagree	2.6 (1.4, 3.8)	1.4 (0.6, 2.1)	1.8* (0.0, 5.6)	2.4 (1.4, 3.4)	3.2 (2.2, 4.1)	1.1* (0.2, 2.0)

(continued)

80+	Strongly agree	26.9 (21.4, 32.4)	21.1 (15.9, 26.3)	29.3 (21.7, 37.0)	25.6 (20.0, 31.2)	26.9 (23.6, 30.1)	27.5 (15.6, 39.5)
	Agree	63.3 (57.6, 69.0)	66.5 (59.7, 73.2)	60.0 (53.2, 66.9)	63.6 (58.1, 69.2)	56.7 (51.9, 61.6)	59.8 (45.9, 73.6)
	Disagree	8.2 (5.2, 11.1)	10.0 (4.7, 15.3)	8.3* (0.0, 17.4)	8.7 (5.9, 11.4)	12.8 (9.2, 16.4)	12.6* (2.0, 23.2)
	Strongly disagree	1.6* (0.0, 4.1)	2.5* (0.0, 5.0)	2.3* (0.0, 8.4)	2.1* (0.1, 4.1)	3.6* (1.4, 5.7)	- -

Note. \* = statistically unstable. – = suppressed due to small sample size.

People in neighborhood willing to help by race



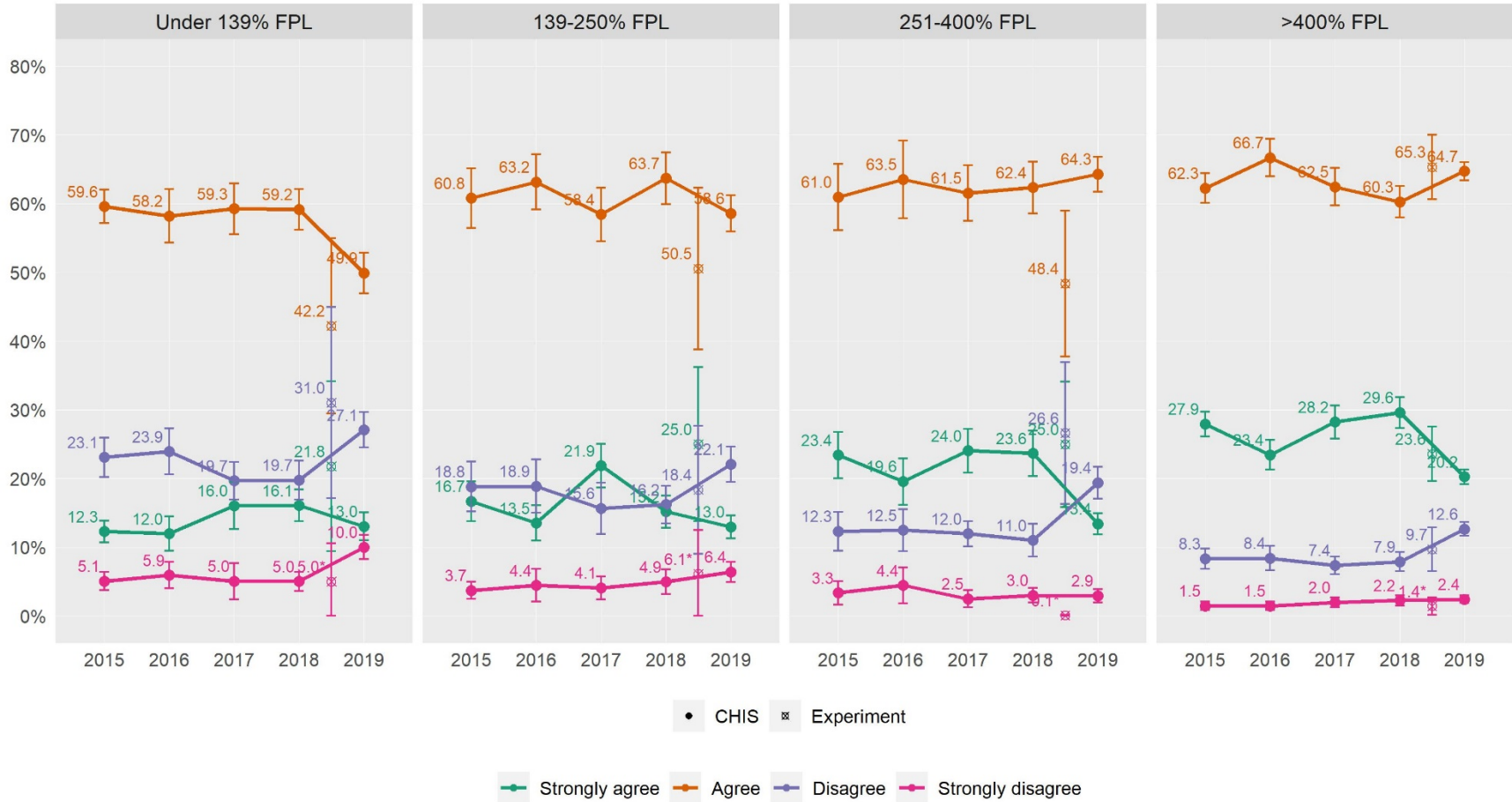
Race/ethnicity	People in neighborhood willing to help	CHIS 2015	CHIS 2016	CHIS 2017	CHIS 2018	CHIS 2019	Web Experiment
African American	Strongly agree	18.0 (13.2, 22.9)	18.8 (13.3, 24.2)	20.3 (11.7, 28.8)	21.8 (15.7, 27.9)	12.6 (9.9, 15.3)	21.7* (2.6, 40.9)
	Agree	56.5 (51.0, 62.0)	56.4 (49.5, 63.2)	58.6 (46.3, 70.9)	59.5 (53.8, 65.3)	59.9 (55.8, 64.0)	48.2 (30.2, 66.3)
	Disagree	20.9 (15.4, 26.3)	18.1 (12.5, 23.7)	16.8 (12.1, 21.5)	13.1 (9.2, 16.9)	19.9 (16.0, 23.9)	26.7 (11.3, 42.0)
	Strongly disagree	4.7 (2.7, 6.6)	6.8* (2.5, 11.0)	4.3 (1.8, 6.9)	5.6 (3.1, 8.2)	7.6 (4.7, 10.5)	- -
Asian	Strongly agree	18.8 (14.3, 23.4)	18.5 (14.1, 22.9)	23.1 (19.4, 26.8)	21.9 (17.9, 25.9)	15.3 (13.2, 17.5)	14.1 (8.9, 19.3)
	Agree	67.5 (61.8, 73.1)	67.9 (62.2, 73.7)	65.6 (61.6, 69.6)	66.4 (61.9, 70.8)	66.0 (63.5, 68.5)	70.2 (62.2, 78.2)
	Disagree	11.2 (8.4, 14.1)	11.1 (7.2, 15.0)	9.4 (6.5, 12.2)	9.8 (7.4, 12.2)	16.4 (14.8, 18.1)	14.9 (7.9, 21.8)
	Strongly disagree	2.4* (0.4, 4.5)	2.4* (0.9, 4.0)	2.0* (0.6, 3.4)	1.9* (0.7, 3.1)	2.2 (1.5, 2.9)	0.8* (0.0, 1.7)
Latino	Strongly agree	13.8 (11.9, 15.7)	11.4 (9.5, 13.2)	17.4 (15.6, 19.2)	16.7 (15.1, 18.3)	13.8 (12.1, 15.5)	22.8 (15.7, 29.9)
	Agree	61.6 (58.6, 64.6)	62.4 (59.3, 65.5)	60.9 (58.5, 63.3)	62.1 (59.5, 64.7)	55.7 (53.6, 57.9)	50.3 (41.9, 58.7)
	Disagree	20.8 (17.8, 23.8)	21.6 (18.6, 24.6)	17.5 (15.7, 19.3)	16.8 (14.7, 18.9)	23.5 (21.7, 25.4)	24.1 (16.3, 31.8)
	Strongly disagree	3.8 (2.8, 4.8)	4.7 (3.0, 6.4)	4.1 (2.8, 5.4)	4.4 (3.2, 5.6)	6.9 (5.8, 8.1)	2.8* (0.3, 5.4)
Non-Latino White	Strongly agree	28.0 (26.4, 29.5)	23.5 (21.5, 25.6)	29.7 (27.4, 32.0)	28.8 (26.8, 30.8)	19.4 (18.5, 20.3)	25.0 (21.3, 28.7)
	Agree	59.6 (57.7, 61.4)	64.0 (61.0, 67.1)	59.7 (57.3, 62.1)	58.7 (56.4, 61.0)	62.6 (61.3, 63.9)	62.3 (57.8, 66.7)
	Disagree	10.1 (8.8, 11.4)	10.0 (8.3, 11.7)	8.3 (7.5, 9.0)	9.7 (8.3, 11.1)	14.6 (13.2, 15.9)	11.0 (8.0, 13.9)
	Strongly disagree	2.4 (1.9, 2.9)	2.5 (1.3, 3.6)	2.4 (1.7, 3.1)	2.8 (2.1, 3.5)	3.5 (2.8, 4.1)	1.8* (0.1, 3.5)

(continued)

Other	Strongly agree	23.0 (17.4, 28.6)	18.1 (12.0, 24.2)	22.6 (13.9, 31.2)	22.1 (16.0, 28.1)	16.0 (10.7, 21.3)	22.4* (5.9, 38.8)
	Agree	54.7 (47.4, 62.1)	56.5 (47.6, 65.3)	57.9 (48.6, 67.2)	54.4 (45.0, 63.8)	58.9 (52.2, 65.7)	67.7 (49.7, 85.8)
	Disagree	16.3 (10.5, 22.1)	18.3 (10.3, 26.4)	15.0 (8.1, 21.8)	17.6 (9.4, 25.9)	19.4 (14.1, 24.7)	7.3 (3.3, 11.2)
	Strongly disagree	6.0* (2.3, 9.8)	7.1 (3.2, 11.0)	4.6* (1.5, 7.7)	5.9 (3.1, 8.7)	5.7 (2.4, 8.9)	- -

Note. \* = statistically unstable. – = suppressed due to small sample size.

People in neighborhood willing to help by FPL

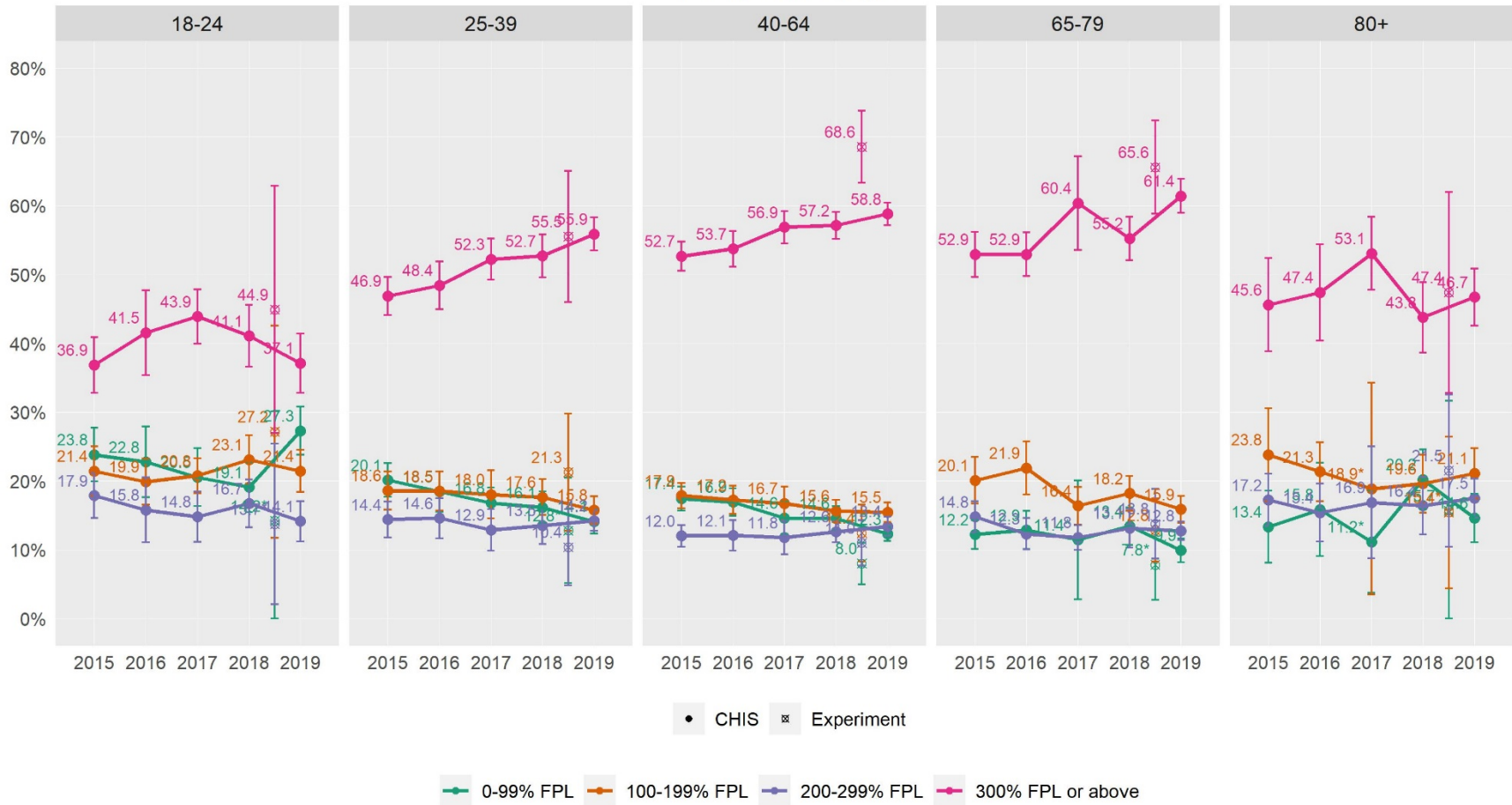


FPL	People in neighborhood willing to help	CHIS 2015	CHIS 2016	CHIS 2017	CHIS 2018	CHIS 2019	Web Experiment
Under 139% FPL	Strongly agree	12.3 (10.7, 13.9)	12.0 (9.4, 14.5)	16.0 (12.6, 19.5)	16.1 (13.8, 18.4)	13.0 (11.0, 15.1)	21.8 (9.4, 34.1)
	Agree	59.6 (57.2, 62.0)	58.2 (54.3, 62.1)	59.3 (55.6, 62.9)	59.2 (56.2, 62.1)	49.9 (47.0, 52.9)	42.2 (29.5, 55.0)
	Disagree	23.1 (20.2, 26.0)	23.9 (20.6, 27.3)	19.7 (17.0, 22.4)	19.7 (16.9, 22.6)	27.1 (24.5, 29.6)	31.0 (17.1, 44.9)
	Strongly disagree	5.1 (3.7, 6.4)	5.9 (4.0, 7.8)	5.0 (2.4, 7.7)	5.0 (3.6, 6.4)	10.0 (8.2, 11.8)	5.0* (0.0, 10.6)
139-250% FPL	Strongly agree	16.7 (13.8, 19.5)	13.5 (10.9, 16.1)	21.9 (18.7, 25.0)	15.2 (12.8, 17.5)	13.0 (11.3, 14.6)	25.0 (13.8, 36.2)
	Agree	60.8 (56.5, 65.2)	63.2 (59.2, 67.2)	58.4 (54.6, 62.3)	63.7 (59.9, 67.5)	58.6 (55.9, 61.2)	50.5 (38.8, 62.3)
	Disagree	18.8 (15.2, 22.4)	18.9 (15.0, 22.8)	15.6 (11.9, 19.3)	16.2 (13.5, 18.9)	22.1 (19.5, 24.7)	18.4 (9.0, 27.7)
	Strongly disagree	3.7 (2.5, 4.9)	4.4 (2.1, 6.8)	4.1 (2.4, 5.8)	4.9 (3.1, 6.7)	6.4 (4.9, 7.9)	6.1* (0.0, 12.5)
251-400% FPL	Strongly agree	23.4 (20.0, 26.8)	19.6 (16.2, 22.9)	24.0 (20.9, 27.2)	23.6 (20.3, 27.0)	13.4 (11.9, 15.0)	25.0 (15.8, 34.1)
	Agree	61.0 (56.1, 65.8)	63.5 (57.9, 69.2)	61.5 (57.5, 65.6)	62.4 (58.6, 66.1)	64.3 (61.8, 66.8)	48.4 (37.8, 59.0)
	Disagree	12.3 (9.5, 15.1)	12.5 (9.4, 15.5)	12.0 (10.1, 13.8)	11.0 (8.6, 13.4)	19.4 (17.0, 21.7)	26.6 (16.3, 36.9)
	Strongly disagree	3.3 (1.6, 5.0)	4.4 (1.8, 7.0)	2.5 (1.2, 3.7)	3.0 (1.9, 4.1)	2.9 (2.0, 3.9)	- -
>400% FPL	Strongly agree	27.9 (26.1, 29.7)	23.4 (21.3, 25.6)	28.2 (25.8, 30.6)	29.6 (27.3, 31.9)	20.2 (19.2, 21.3)	23.6 (19.6, 27.5)
	Agree	62.3 (60.1, 64.4)	66.7 (64.0, 69.4)	62.5 (59.8, 65.2)	60.3 (58.0, 62.6)	64.7 (63.4, 66.1)	65.3 (60.6, 70.0)
	Disagree	8.3 (6.9, 9.8)	8.4 (6.6, 10.2)	7.4 (6.1, 8.7)	7.9 (6.5, 9.3)	12.6 (11.6, 13.6)	9.7 (6.5, 12.9)
	Strongly disagree	1.5 (0.8, 2.1)	1.5 (0.9, 2.1)	2.0 (1.3, 2.7)	2.2 (1.5, 3.0)	2.4 (1.9, 3.0)	1.4* (0.1, 2.7)

Note. \* = statistically unstable. – = suppressed due to small sample size.

Poverty status

Poverty status by age





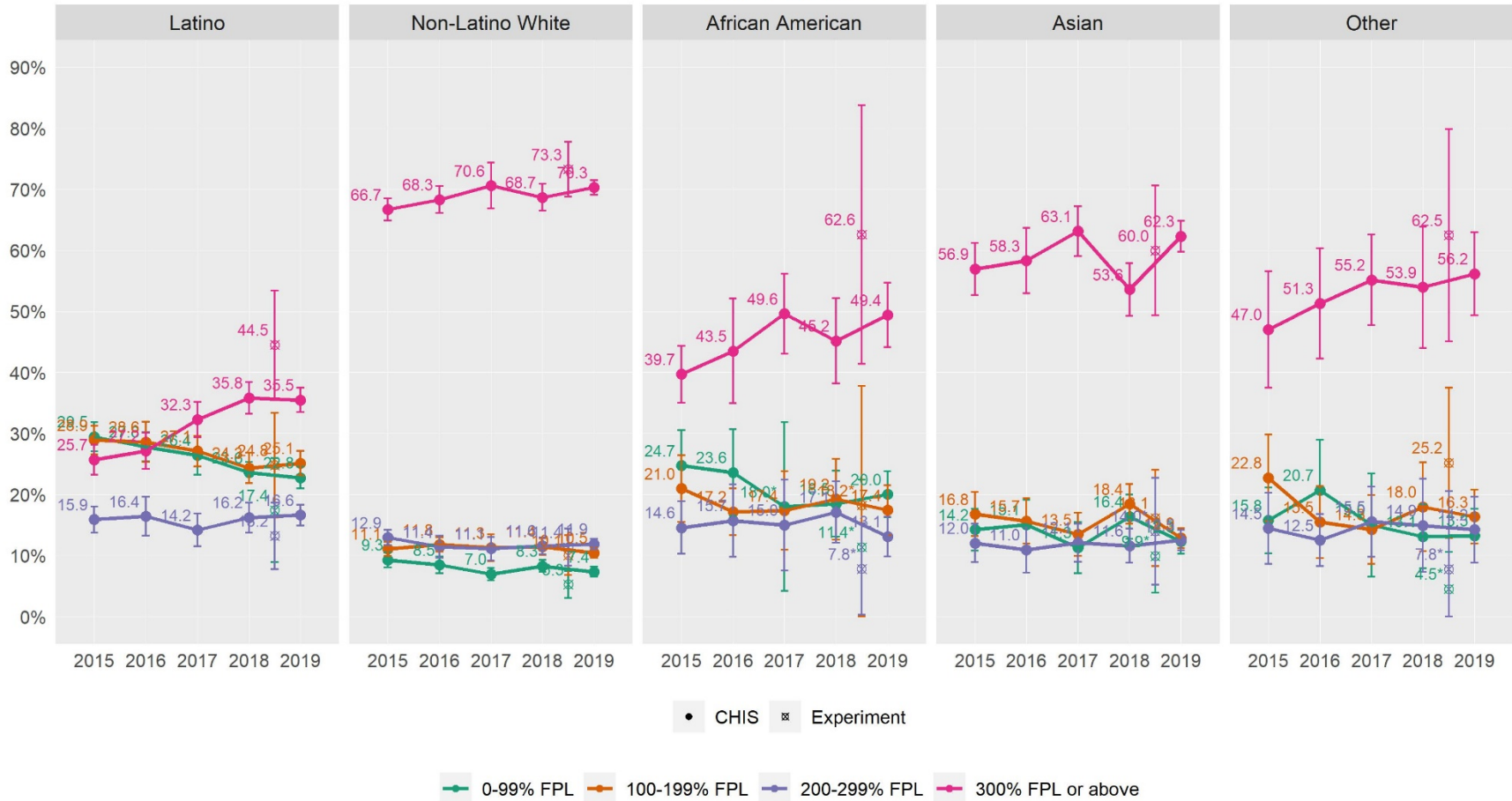
Age	Poverty status	CHIS 2015	CHIS 2016	CHIS 2017	CHIS 2018	CHIS 2019	Web Experiment
18-24	0-99% FPL	23.8 (19.9, 27.7)	22.8 (17.6, 27.9)	20.5 (16.3, 24.8)	19.1 (15.5, 22.7)	27.3 (23.8, 30.8)	14.2* (0.0, 30.1)
	100-199% FPL	21.4 (17.8, 25.1)	19.9 (16.6, 23.3)	20.8 (18.2, 23.3)	23.1 (19.6, 26.6)	21.4 (18.4, 24.5)	27.2 (11.7, 42.6)
	200-299% FPL	17.9 (14.6, 21.2)	15.8 (11.1, 20.5)	14.8 (11.1, 18.5)	16.7 (13.2, 20.2)	14.1 (11.2, 17.1)	13.7* (2.1, 25.4)
	300% FPL or above	36.9 (32.8, 40.9)	41.5 (35.4, 47.7)	43.9 (40.0, 47.9)	41.1 (36.6, 45.6)	37.1 (32.8, 41.4)	44.9 (27.0, 62.9)
25-39	0-99% FPL	20.1 (17.7, 22.6)	18.5 (15.5, 21.4)	16.8 (14.6, 19.1)	16.1 (13.8, 18.4)	14.1 (12.3, 15.8)	12.8* (5.1, 20.5)
	100-199% FPL	18.6 (15.8, 21.4)	18.5 (15.7, 21.4)	18.0 (14.5, 21.6)	17.6 (15.0, 20.2)	15.8 (13.8, 17.7)	21.3 (12.8, 29.8)
	200-299% FPL	14.4 (11.8, 17.0)	14.6 (11.7, 17.5)	12.9 (9.8, 15.9)	13.5 (10.8, 16.2)	14.2 (12.7, 15.8)	10.4 (4.9, 15.9)
	300% FPL or above	46.9 (44.1, 49.7)	48.4 (44.9, 51.9)	52.3 (49.3, 55.2)	52.7 (49.6, 55.8)	55.9 (53.5, 58.3)	55.5 (46.0, 65.1)
40-64	0-99% FPL	17.4 (15.7, 19.2)	16.9 (15.0, 18.9)	14.6 (12.3, 17.0)	14.6 (12.8, 16.4)	12.3 (11.3, 13.3)	8.0 (5.0, 11.0)
	100-199% FPL	17.9 (16.0, 19.7)	17.2 (15.2, 19.3)	16.7 (14.3, 19.2)	15.6 (14.1, 17.2)	15.5 (14.1, 16.9)	12.4 (8.3, 16.6)
	200-299% FPL	12.0 (10.4, 13.6)	12.1 (9.9, 14.3)	11.8 (9.3, 14.2)	12.6 (11.1, 14.2)	13.4 (12.0, 14.8)	11.0 (7.7, 14.3)
	300% FPL or above	52.7 (50.6, 54.8)	53.7 (51.1, 56.4)	56.9 (54.5, 59.2)	57.2 (55.2, 59.1)	58.8 (57.2, 60.4)	68.6 (63.4, 73.8)
65-79	0-99% FPL	12.2 (10.1, 14.3)	12.9 (10.1, 15.6)	11.4* (2.8, 20.1)	13.4 (10.7, 16.2)	9.9 (8.2, 11.7)	7.8* (2.7, 12.9)
	100-199% FPL	20.1 (16.7, 23.5)	21.9 (18.0, 25.7)	16.4 (13.7, 19.1)	18.2 (15.6, 20.7)	15.9 (13.9, 17.9)	12.8 (8.2, 17.4)
	200-299% FPL	14.8 (12.5, 17.1)	12.3 (10.0, 14.6)	11.8 (10.0, 13.6)	13.1 (10.3, 15.9)	12.8 (11.4, 14.1)	13.8 (8.7, 18.8)
	300% FPL or above	52.9 (49.6, 56.2)	52.9 (49.8, 56.1)	60.4 (53.6, 67.2)	55.2 (52.1, 58.4)	61.4 (59.0, 63.9)	65.6 (58.8, 72.4)

(continued)

80+	0-99% FPL	13.4 (8.1, 18.6)	15.8 (9.1, 22.6)	11.2* (3.7, 18.6)	20.2 (15.9, 24.6)	14.6 (11.1, 18.2)	15.7* (0.0, 31.6)
	100-199% FPL	23.8 (17.1, 30.5)	21.3 (17.1, 25.6)	18.9* (3.5, 34.3)	19.6 (15.4, 23.8)	21.1 (17.5, 24.8)	15.4* (4.4, 26.4)
	200-299% FPL	17.2 (13.4, 21.0)	15.4 (11.2, 19.6)	16.9 (8.8, 25.0)	16.4 (12.2, 20.6)	17.5 (14.7, 20.3)	21.5 (10.5, 32.6)
	300% FPL or above	45.6 (38.8, 52.4)	47.4 (40.4, 54.4)	53.1 (47.8, 58.4)	43.8 (38.7, 48.9)	46.7 (42.6, 50.9)	47.4 (32.8, 62.0)

Note. \* = statistically unstable.

Poverty status by race



Race/ethnicity	Poverty status	CHIS 2015	CHIS 2016	CHIS 2017	CHIS 2018	CHIS 2019	Web Experiment
African American	0-99% FPL	24.7 (18.9, 30.6)	23.6 (16.5, 30.7)	18.0* (4.2, 31.8)	18.5 (13.1, 23.9)	20.0 (16.3, 23.8)	11.4* (0.3, 22.4)
	100-199% FPL	21.0 (15.5, 26.4)	17.2 (13.4, 21.0)	17.4 (10.9, 23.8)	19.2 (12.6, 25.9)	17.4 (13.4, 21.5)	18.2* (0.0, 37.8)
	200-299% FPL	14.6 (10.3, 18.9)	15.7 (9.8, 21.6)	15.0 (7.5, 22.5)	17.1 (12.1, 22.1)	13.1 (9.9, 16.4)	7.8* (0.3, 15.3)
	300% FPL or above	39.7 (35.0, 44.4)	43.5 (34.9, 52.1)	49.6 (43.1, 56.2)	45.2 (38.2, 52.1)	49.4 (44.1, 54.7)	62.6 (41.4, 83.8)
Asian	0-99% FPL	14.2 (10.8, 17.6)	15.1 (11.0, 19.1)	11.3 (7.1, 15.5)	16.4 (12.8, 20.0)	12.3 (10.3, 14.3)	9.9* (3.9, 15.9)
	100-199% FPL	16.8 (13.2, 20.4)	15.7 (11.9, 19.4)	13.5 (9.9, 17.0)	18.4 (15.2, 21.7)	12.9 (11.3, 14.5)	16.1 (8.2, 24.1)
	200-299% FPL	12.0 (8.9, 15.2)	11.0 (7.2, 14.7)	12.1 (9.0, 15.2)	11.6 (8.8, 14.4)	12.5 (10.9, 14.2)	14.0* (5.3, 22.7)
	300% FPL or above	56.9 (52.7, 61.2)	58.3 (53.0, 63.7)	63.1 (59.0, 67.2)	53.6 (49.3, 57.9)	62.3 (59.8, 64.9)	60.0 (49.3, 70.6)
Latino	0-99% FPL	29.5 (27.1, 31.9)	27.8 (25.4, 30.2)	26.4 (23.2, 29.6)	23.6 (21.9, 25.3)	22.8 (21.0, 24.5)	17.4 (8.9, 26.0)
	100-199% FPL	28.9 (26.6, 31.3)	28.6 (25.3, 31.9)	27.1 (24.6, 29.6)	24.3 (21.8, 26.8)	25.1 (23.1, 27.1)	24.8 (16.2, 33.4)
	200-299% FPL	15.9 (13.8, 18.0)	16.4 (13.2, 19.6)	14.2 (11.5, 16.8)	16.2 (13.8, 18.7)	16.6 (14.9, 18.3)	13.2 (7.8, 18.7)
	300% FPL or above	25.7 (23.3, 28.1)	27.2 (24.2, 30.1)	32.3 (29.4, 35.2)	35.8 (33.2, 38.5)	35.5 (33.5, 37.5)	44.5 (35.7, 53.4)
Non-Latino White	0-99% FPL	9.3 (8.0, 10.5)	8.5 (7.1, 9.8)	7.0 (6.0, 8.0)	8.3 (7.3, 9.3)	24.0 (20.4, 27.5)	5.3 (3.1, 7.5)
	100-199% FPL	11.1 (9.9, 12.3)	11.8 (10.6, 13.0)	11.3 (9.1, 13.5)	11.4 (10.1, 12.8)	28.3 (24.8, 31.8)	10.1 (6.8, 13.3)
	200-299% FPL	12.9 (11.7, 14.2)	11.4 (9.6, 13.3)	11.1 (9.2, 13.1)	11.6 (10.2, 13.0)	13.5 (10.8, 16.2)	11.4 (8.3, 14.4)
	300% FPL or above	66.7 (64.9, 68.5)	68.3 (66.1, 70.5)	70.6 (66.9, 74.3)	68.7 (66.5, 70.9)	34.3 (31.2, 37.4)	73.3 (68.8, 77.8)

(continued)

Other	0-99% FPL	15.8 (10.3, 21.2)	20.7 (12.5, 29.0)	15.0 (6.6, 23.5)	13.1 (7.9, 18.4)	13.3 (8.9, 17.7)	4.5* (0.0, 10.6)
	100-199% FPL	22.8 (15.7, 29.8)	15.5 (9.6, 21.4)	14.3 (8.7, 19.9)	18.0 (10.7, 25.2)	16.3 (11.9, 20.8)	25.2 (12.9, 37.5)
	200-299% FPL	14.5 (8.6, 20.3)	12.5 (8.3, 16.8)	15.5 (9.8, 21.3)	14.9 (7.3, 22.6)	14.2 (8.9, 19.6)	7.8* (0.0, 20.6)
	300% FPL or above	47.0 (37.5, 56.6)	51.3 (42.3, 60.3)	55.2 (47.7, 62.6)	53.9 (44.0, 63.9)	56.2 (49.4, 63.0)	62.5 (45.1, 79.9)

Note. \* = statistically unstable.