

## 1 Overall

	deaf	hearing
(Intercept)	16.39 (1.14)	35.72 (0.19)
year	0.65 (0.04)	0.54 (0.02)
Age=26	1.24 (1.46)	1.62 (0.22)
Age=27	3.63 (1.61)	2.61 (0.23)
Age=28	5.29 (1.27)	3.23 (0.30)
Age=29	3.87 (1.39)	4.09 (0.31)
Age=30	4.67 (1.49)	3.90 (0.28)
Age=31	5.07 (1.64)	5.26 (0.29)
Age=32	6.42 (1.58)	5.11 (0.31)
Age=33	7.08 (1.50)	5.27 (0.29)
Age=34	6.05 (1.83)	4.88 (0.35)
Age=35	7.70 (1.24)	4.28 (0.29)
Age=36	6.52 (1.50)	4.75 (0.28)
Age=37	6.54 (1.63)	4.88 (0.22)
Age=38	6.25 (1.28)	4.72 (0.24)
Age=39	6.51 (1.33)	4.64 (0.24)
Age=40	7.04 (1.21)	3.38 (0.19)
Age=41	7.04 (1.51)	4.36 (0.29)
Age=42	6.95 (1.63)	3.37 (0.28)
Age=43	6.33 (1.34)	3.39 (0.31)
Age=44	6.39 (1.38)	3.00 (0.40)

	deaf	hearing
Age=45	5.03 (1.36)	2.07 (0.33)
Age=46	4.98 (1.30)	2.13 (0.43)
Age=47	5.44 (1.20)	1.71 (0.42)
Age=48	3.77 (1.24)	0.93 (0.43)
Age=49	4.25 (1.39)	0.40 (0.33)
Age=50	3.43 (1.24)	-0.50 (0.23)
Age=51	3.51 (1.22)	-0.28 (0.24)
Age=52	3.16 (1.24)	-0.61 (0.32)
Age=53	3.51 (1.23)	-0.69 (0.35)
Age=54	4.62 (1.15)	-0.79 (0.46)
Age=55	3.88 (1.30)	-1.08 (0.55)
Age=56	4.16 (1.33)	-0.76 (0.60)
Age=57	4.74 (1.40)	-0.42 (0.69)
Age=58	4.53 (1.20)	-0.32 (0.73)
Age=59	4.93 (1.27)	-0.24 (0.66)
Age=60	6.17 (1.28)	-0.18 (0.65)
Age=61	6.65 (1.28)	0.23 (0.56)
Age=62	7.31 (1.27)	0.08 (0.40)
Age=63	7.55 (1.19)	-0.25 (0.38)
Age=64	6.90 (1.19)	-0.73 (0.36)
R <sup>2</sup>	0.52	0.85
Adj. R <sup>2</sup>	0.47	0.83
Num. obs.	440	440
RMSE	0.43	0.20

deaf	hearing
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Tab. 1: Regressions to estimate overall trends in Associates Attainment

## 2 By Age

### 2.1 Deaf

	25-34	35-44	45-54	55-64
(Intercept)	15.67*** (1.29)	22.71*** (0.83)	20.87*** (0.84)	22.94*** (0.55)
year	0.77*** (0.10)	0.88*** (0.09)	0.74*** (0.06)	0.21*** (0.05)
Age=26	1.24 (1.51)			
Age=27	3.63* (1.60)			
Age=28	5.29*** (1.29)			
Age=29	3.87** (1.42)			
Age=30	4.67** (1.48)			
Age=31	5.07** (1.64)			
Age=32	6.42*** (1.61)			
Age=33	7.08*** (1.49)			
Age=34	6.05** (1.81)			
Age=36		-1.18 (1.13)		
Age=37		-1.17 (1.39)		
Age=38		-1.45 (0.98)		
Age=39		-1.20 (1.07)		
Age=40		-0.66 (0.86)		

	25-34	35-44	45-54	55-64
Age=41		-0.67 (1.12)		
Age=42		-0.76 (1.24)		
Age=43		-1.38 (0.96)		
Age=44		-1.31 (0.99)		
Age=46			-0.04 (1.01)	
Age=47			0.41 (0.87)	
Age=48			-1.26 (0.90)	
Age=49			-0.78 (1.08)	
Age=50			-1.60 (0.94)	
Age=51			-1.51 (0.89)	
Age=52			-1.87* (0.94)	
Age=53			-1.52 (0.93)	
Age=54			-0.41 (0.83)	
Age=56				0.27 (0.67)
Age=57				0.85 (0.75)
Age=58				0.64 (0.55)
Age=59				1.05 (0.55)
Age=60				2.28*** (0.58)
Age=61				2.77*** (0.62)
Age=62				3.43*** (0.67)
Age=63				3.67*** (0.65)
Age=64				3.02*** (0.75)
R <sup>2</sup>	0.48	0.53	0.64	0.52

	25-34	35-44	45-54	55-64	
Adj. R <sup>2</sup>	0.43	0.49	0.60	0.47	
Num. obs.	110	110	110	110	
RMSE	0.57	0.43	0.30	0.23	

\*\*\*  $p < 0.001$ , \*\*  $p < 0.01$ , \*  $p < 0.05$

Tab. 2: Regressions to estimate trends in Associates attainment for deaf people

## 2.2 Hearing

	25-34	35-44	45-54	55-64	
(Intercept)	34.53*** (0.19)	39.08*** (0.23)	37.30*** (0.36)	37.32*** (0.38)	
year	0.74*** (0.02)	0.69*** (0.02)	0.62*** (0.04)	0.09* (0.04)	
Age=26	1.62*** (0.22)				
Age=27	2.61*** (0.24)				
Age=28	3.23*** (0.22)				
Age=29	4.09*** (0.23)				
Age=30	3.90*** (0.20)				
Age=31	5.26*** (0.19)				
Age=32	5.11*** (0.23)				
Age=33	5.27*** (0.22)				
Age=34	4.88*** (0.26)				
Age=36		0.47 (0.28)			
Age=37		0.59* (0.28)			
Age=38		0.44 (0.30)			
Age=39		0.36 (0.28)			
Age=40		-0.90**			

	25-34	35-44	45-54	55-64
		(0.29)		
Age=41		0.08		
		(0.25)		
Age=42		-0.92***		
		(0.23)		
Age=43		-0.89***		
		(0.25)		
Age=44		-1.28***		
		(0.31)		
Age=46			0.06	
			(0.42)	
Age=47			-0.36	
			(0.42)	
Age=48			-1.15**	
			(0.43)	
Age=49			-1.67***	
			(0.36)	
Age=50			-2.57***	
			(0.33)	
Age=51			-2.35***	
			(0.32)	
Age=52			-2.68***	
			(0.43)	
Age=53			-2.76***	
			(0.45)	
Age=54			-2.86***	
			(0.57)	
Age=56				0.32
				(0.38)
Age=57				0.66
				(0.40)
Age=58				0.76
				(0.40)
Age=59				0.84*
				(0.39)
Age=60				0.91*
				(0.36)
Age=61				1.31***
				(0.34)
Age=62				1.16**
				(0.39)
Age=63				0.83
				(0.58)
Age=64				0.36

	25-34	35-44	45-54	55-64	(0.74)
R <sup>2</sup>	0.97	0.93	0.82	0.16	
Adj. R <sup>2</sup>	0.97	0.92	0.81	0.08	
Num. obs.	110	110	110	110	
RMSE	0.08	0.10	0.17	0.18	

\*\*\*  $p < 0.001$ , \*\*  $p < 0.01$ , \*  $p < 0.05$

Tab. 3: Regressions to estimate trends in Associates attainment for hearing people

### 3 By Gender

#### 3.1 Deaf

	Male	Female
(Intercept)	13.12*** (1.50)	20.90*** (1.07)
year	0.62*** (0.05)	0.72*** (0.06)
Age=26	2.46 (1.71)	0.21 (2.36)
Age=27	4.01* (1.89)	3.28 (2.04)
Age=28	5.72*** (1.66)	5.16** (1.71)
Age=29	6.73** (2.11)	0.00 (1.50)
Age=30	6.41** (2.09)	1.95 (2.04)
Age=31	6.18** (1.97)	3.56* (1.63)
Age=32	7.75*** (1.82)	4.40* (2.15)
Age=33	7.92*** (1.99)	5.90*** (1.64)
Age=34	8.01*** (2.30)	3.30 (2.34)
Age=35	9.20*** (1.67)	5.40** (1.74)
Age=36	7.27*** (2.08)	5.11** (1.56)
Age=37	8.83***	3.22

	Male	Female
	(1.93)	(2.09)
Age=38	7.00***	4.92**
	(1.76)	(1.76)
Age=39	7.61***	4.65**
	(1.66)	(1.69)
Age=40	8.64***	4.62***
	(1.58)	(1.32)
Age=41	7.37***	6.38***
	(1.77)	(1.87)
Age=42	7.77***	5.98**
	(1.79)	(2.31)
Age=43	8.14***	3.70**
	(1.79)	(1.33)
Age=44	7.71***	4.53***
	(1.83)	(1.33)
Age=45	6.16***	3.56**
	(1.74)	(1.34)
Age=46	7.43***	1.60
	(1.70)	(1.36)
Age=47	7.34***	2.93*
	(1.66)	(1.32)
Age=48	5.88***	1.04
	(1.61)	(1.36)
Age=49	6.50***	1.14
	(1.85)	(1.22)
Age=50	4.86**	1.65
	(1.61)	(1.29)
Age=51	4.98**	1.71
	(1.64)	(1.13)
Age=52	5.37**	0.38
	(1.63)	(1.12)
Age=53	5.97***	0.25
	(1.58)	(1.22)
Age=54	6.25***	2.74*
	(1.53)	(1.08)
Age=55	6.36***	0.68
	(1.67)	(1.13)
Age=56	6.83***	0.63
	(1.74)	(1.28)
Age=57	6.64***	2.49*
	(1.84)	(1.22)
Age=58	6.72***	1.95
	(1.58)	(1.08)
Age=59	7.48***	1.59
	(1.73)	(1.07)



	Male	Female
Age=60	9.01*** (1.75)	2.34* (1.03)
Age=61	10.01*** (1.67)	1.84 (1.13)
Age=62	10.78*** (1.71)	2.32* (1.10)
Age=63	11.77*** (1.62)	0.85 (1.16)
Age=64	10.67*** (1.58)	1.26 (1.16)
R <sup>2</sup>	0.45	0.37
Adj. R <sup>2</sup>	0.39	0.31
Num. obs.	440	440
RMSE	0.53	0.63

\*\*\*  $p < 0.001$ , \*\*  $p < 0.01$ , \*  $p < 0.05$

Tab. 4: Regressions to estimate trends in Associates attainment for deaf people

### 3.2 Hearing

	Male	Female
(Intercept)	32.23*** (0.35)	39.40*** (0.21)
year	0.33*** (0.03)	0.73*** (0.02)
Age=26	1.73*** (0.49)	1.47*** (0.23)
Age=27	2.50*** (0.45)	2.61*** (0.33)
Age=28	3.48*** (0.56)	2.83*** (0.24)
Age=29	4.39*** (0.60)	3.64*** (0.24)
Age=30	4.11*** (0.54)	3.62*** (0.27)
Age=31	5.72*** (0.50)	4.62*** (0.24)
Age=32	5.65*** (0.58)	4.39*** (0.25)
Age=33	5.78*** (0.52)	4.60*** (0.25)

	Male	Female
Age=34	5.45*** (0.52)	4.13*** (0.33)
Age=35	4.78*** (0.48)	3.63*** (0.28)
Age=36	5.46*** (0.41)	3.83*** (0.32)
Age=37	5.55*** (0.35)	3.98*** (0.28)
Age=38	5.74*** (0.37)	3.51*** (0.30)
Age=39	5.82*** (0.38)	3.27*** (0.29)
Age=40	4.40*** (0.34)	2.19*** (0.28)
Age=41	5.78*** (0.41)	2.75*** (0.35)
Age=42	4.93*** (0.38)	1.61*** (0.35)
Age=43	5.27*** (0.42)	1.32*** (0.35)
Age=44	4.89*** (0.48)	0.91* (0.45)
Age=45	4.00*** (0.44)	-0.03 (0.38)
Age=46	4.16*** (0.54)	-0.09 (0.43)
Age=47	3.98*** (0.53)	-0.75 (0.43)
Age=48	3.46*** (0.54)	-1.78*** (0.44)
Age=49	3.08*** (0.46)	-2.47*** (0.33)
Age=50	2.22*** (0.37)	-3.40*** (0.28)
Age=51	2.56*** (0.37)	-3.31*** (0.30)
Age=52	2.49*** (0.46)	-3.88*** (0.32)
Age=53	2.41*** (0.51)	-3.97*** (0.35)
Age=54	2.65*** (0.55)	-4.39*** (0.49)
Age=55	2.43*** (0.63)	-4.77*** (0.57)
Age=56	3.12***	-4.78***

	Male	Female
	(0.73)	(0.57)
Age=57	3.89***	-4.84***
	(0.92)	(0.54)
Age=58	4.28***	-5.00***
	(0.98)	(0.56)
Age=59	5.04***	-5.52***
	(1.07)	(0.41)
Age=60	5.51***	-5.81***
	(1.06)	(0.42)
Age=61	6.58***	-5.99***
	(1.06)	(0.36)
Age=62	6.96***	-6.60***
	(0.81)	(0.34)
Age=63	7.29***	-7.47***
	(0.78)	(0.43)
Age=64	7.25***	-8.28***
	(0.54)	(0.49)
R <sup>2</sup>	0.58	0.95
Adj. R <sup>2</sup>	0.53	0.95
Num. obs.	440	440
RMSE	0.28	0.17

\*\*\*  $p < 0.001$ , \*\*  $p < 0.01$ , \*  $p < 0.05$

Tab. 5: Regressions to estimate trends in Associates attainment for hearing people

## 4 By Race/Ethnicity

### 4.1 Deaf

	African American	American Indian	Asian/PacIsl	Latinx	Other	White
(Intercept)	7.07***	30.61**	26.70***	8.44***	21.95***	20.82***
	(1.75)	(11.75)	(5.18)	(2.45)	(6.18)	(1.31)
year	0.71***	0.05	0.37	0.59***	0.50*	0.70***
	(0.11)	(0.27)	(0.23)	(0.08)	(0.21)	(0.05)
Age=26	1.08	-5.89	3.81	3.69	5.24	-0.51
	(2.33)	(13.80)	(6.27)	(2.83)	(7.25)	(1.99)
Age=27	6.82	6.09	18.36**	7.32*	-2.72	0.43
	(3.93)	(17.02)	(6.62)	(3.15)	(7.83)	(1.79)
Age=28	2.89	2.71	15.20*	3.28	10.29	4.39**
	(3.28)	(18.41)	(7.48)	(2.53)	(8.14)	(1.54)
Age=29	4.61	-0.60	14.84	4.64	9.54	1.27

	African American	American Indian	Asian/PacIsl	Latinx	Other	White	
	(2.67)	(14.47)	(9.06)	(3.14)	(8.57)	(1.72)	
Age=30	5.91	-15.24	19.30*	4.38	0.81	3.45	
	(3.38)	(12.39)	(8.79)	(2.91)	(8.24)	(1.86)	
Age=31	5.60*	-15.54	6.31	3.48	3.06	4.27*	
	(2.81)	(12.45)	(7.21)	(3.10)	(7.90)	(1.72)	
Age=32	10.41**	10.99	20.12*	6.90*	-0.21	4.12*	
	(3.54)	(16.06)	(7.93)	(2.84)	(8.16)	(1.73)	
Age=33	11.08***	-10.69	12.76	5.35	10.87	5.07**	
	(2.96)	(13.12)	(8.69)	(2.90)	(8.20)	(1.69)	
Age=34	12.40***	-8.57	19.40*	7.48*	-2.25	2.99	
	(3.62)	(12.52)	(8.96)	(3.52)	(7.59)	(1.69)	
Age=35	6.92**	-1.25	21.29*	9.10**	-1.53	5.90***	
	(2.25)	(14.32)	(8.24)	(3.24)	(8.57)	(1.55)	
Age=36	6.76*	-8.16	17.73*	8.61**	9.05	4.29*	
	(2.71)	(12.55)	(8.22)	(2.91)	(8.73)	(1.89)	
Age=37	10.96***	-7.86	20.23**	8.09**	6.92	3.49	
	(3.17)	(12.43)	(6.83)	(2.87)	(8.36)	(1.83)	
Age=38	11.21***	-7.38	15.98**	6.63*	6.37	3.62*	
	(2.45)	(12.77)	(6.14)	(3.05)	(7.69)	(1.62)	
Age=39	10.13***	-5.56	18.05*	3.39	-5.33	5.03**	
	(2.48)	(13.31)	(7.03)	(3.04)	(7.36)	(1.56)	
Age=40	11.14**	5.69	10.47	4.64	3.70	5.47***	
	(3.37)	(14.82)	(5.70)	(2.64)	(7.78)	(1.42)	
Age=41	11.79***	-5.52	14.93*	5.96*	9.95	4.16*	
	(3.18)	(12.56)	(7.16)	(2.62)	(7.90)	(1.75)	
Age=42	7.50**	-6.11	11.62	6.31*	3.36	5.08*	
	(2.45)	(12.82)	(7.74)	(2.93)	(7.96)	(2.02)	
Age=43	8.62***	-9.20	23.77***	8.98**	-0.03	2.98*	
	(2.15)	(13.64)	(5.42)	(3.20)	(7.05)	(1.50)	
Age=44	7.20**	-12.66	16.08*	6.22*	5.55	3.66*	
	(2.49)	(12.69)	(8.16)	(2.91)	(7.80)	(1.54)	
Age=45	6.41*	-4.58	7.43	1.88	6.23	3.20*	
	(2.50)	(12.18)	(5.35)	(2.55)	(7.38)	(1.61)	
Age=46	4.15	-14.08	16.36*	6.00*	2.65	2.32	
	(2.58)	(11.98)	(6.60)	(2.82)	(7.35)	(1.44)	
Age=47	8.92***	-11.96	17.01*	5.95*	2.29	2.47	
	(2.45)	(12.20)	(7.94)	(2.60)	(6.91)	(1.40)	
Age=48	7.19*	-16.49	7.92	3.06	6.00	1.02	
	(3.14)	(12.03)	(6.09)	(2.84)	(7.74)	(1.38)	
Age=49	4.51	-12.28	8.30	2.86	0.80	2.22	
	(2.85)	(12.14)	(6.34)	(2.67)	(7.69)	(1.54)	
Age=50	7.31***	-6.58	0.55	2.06	2.25	0.74	
	(2.16)	(12.74)	(5.70)	(2.72)	(6.88)	(1.42)	
Age=51	3.61	-15.71	2.56	6.61*	-5.01	0.60	
	(2.79)	(11.87)	(6.03)	(3.26)	(7.00)	(1.34)	

	African American	American Indian	Asian/PacIsl	Latinx	Other	White	
Age=52	4.61*	-15.10	10.49	4.45	-5.13	0.54	
	(1.93)	(11.85)	(6.54)	(2.56)	(6.61)	(1.49)	
Age=53	3.98	-15.12	9.77	2.53	1.79	0.95	
	(2.40)	(11.83)	(6.03)	(2.73)	(7.39)	(1.37)	
Age=54	7.68**	-8.73	3.31	5.17*	3.58	1.44	
	(2.59)	(11.81)	(5.68)	(2.59)	(7.27)	(1.37)	
Age=55	3.72	-9.40	5.09	2.54	0.42	1.29	
	(2.41)	(11.98)	(5.28)	(2.78)	(7.12)	(1.46)	
Age=56	2.85	-10.40	4.15	5.00	1.85	1.40	
	(2.01)	(12.07)	(5.27)	(2.59)	(7.07)	(1.52)	
Age=57	5.12*	-10.36	3.51	3.21	3.69	2.15	
	(2.48)	(12.04)	(5.74)	(2.69)	(7.04)	(1.47)	
Age=58	4.25*	-7.62	5.64	3.07	-2.54	1.89	
	(1.97)	(12.38)	(5.78)	(2.63)	(6.69)	(1.37)	
Age=59	5.36*	-9.47	4.81	3.52	6.38	1.96	
	(2.15)	(11.94)	(5.57)	(2.68)	(6.96)	(1.43)	
Age=60	7.32***	-12.89	4.75	1.42	3.63	3.62*	
	(2.16)	(11.74)	(5.77)	(2.58)	(6.84)	(1.45)	
Age=61	4.69*	-8.71	5.73	4.66	5.06	3.88**	
	(1.84)	(12.21)	(5.69)	(2.49)	(7.31)	(1.44)	
Age=62	5.71**	-2.17	4.02	2.72	4.87	4.79***	
	(2.00)	(12.23)	(5.21)	(2.70)	(6.87)	(1.41)	
Age=63	7.24***	-6.29	5.19	2.41	6.34	4.86***	
	(2.15)	(12.15)	(5.28)	(2.53)	(7.10)	(1.35)	
Age=64	5.89**	-2.82	7.36	0.80	3.06	4.29**	
	(2.08)	(12.31)	(5.11)	(2.54)	(7.06)	(1.37)	
R <sup>2</sup>	0.24	0.14	0.17	0.26	0.11	0.46	
Adj. R <sup>2</sup>	0.17	0.04	0.09	0.18	0.02	0.41	
Num. obs.	439	374	439	440	423	440	
RMSE	1.09	2.46	2.46	0.83	2.08	0.50	

\*\*\* $p < 0.001$ , \*\* $p < 0.01$ , \* $p < 0.05$

Tab. 6: Regressions to estimate trends in Associates attainment for deaf people

## 4.2 Hearing

	African American	American Indian	Asian/PacIsl	Latinx	Other	White	
(Intercept)	21.65***	16.90***	61.39***	17.77***	36.09***	42.10***	
	(0.54)	(0.95)	(0.65)	(0.54)	(0.83)	(0.32)	
year	0.62***	0.23***	0.57***	0.54***	0.89***	0.64***	
	(0.02)	(0.05)	(0.03)	(0.02)	(0.04)	(0.03)	

	African American	American Indian	Asian/PacIsl	Latinx	Other	White	
Age=26	2.46*** (0.63)	0.31 (1.49)	2.15** (0.75)	0.82 (0.88)	0.90 (1.01)	1.37*** (0.38)	
Age=27	3.13*** (0.70)	1.72 (1.19)	3.78*** (0.74)	1.12 (0.79)	2.01* (0.97)	2.56*** (0.39)	
Age=28	3.80*** (0.59)	0.82 (1.36)	4.81*** (0.82)	1.33 (0.81)	3.47*** (0.88)	3.06*** (0.38)	
Age=29	4.79*** (0.58)	2.94 (1.51)	5.90*** (0.84)	1.43* (0.70)	4.28*** (1.01)	3.89*** (0.42)	
Age=30	5.45*** (0.59)	3.86** (1.37)	5.21*** (0.80)	0.89 (0.67)	5.36*** (1.03)	4.25*** (0.33)	
Age=31	6.32*** (0.59)	5.18*** (1.10)	6.68*** (0.81)	1.91** (0.69)	5.19*** (0.96)	5.17*** (0.35)	
Age=32	7.21*** (0.61)	6.08*** (1.26)	6.29*** (0.76)	1.55* (0.62)	6.21*** (1.09)	5.13*** (0.34)	
Age=33	7.78*** (0.55)	7.65*** (1.42)	6.62*** (0.85)	1.36* (0.64)	5.99*** (1.04)	5.13*** (0.34)	
Age=34	7.47*** (0.66)	6.67*** (1.50)	5.79*** (0.73)	1.17 (0.60)	4.65*** (1.13)	4.85*** (0.39)	
Age=35	7.14*** (0.61)	7.23*** (1.29)	4.96*** (0.74)	0.55 (0.60)	4.56*** (1.06)	4.43*** (0.35)	
Age=36	7.91*** (0.67)	8.25*** (1.23)	5.27*** (0.81)	1.11 (0.59)	5.20*** (1.04)	4.48*** (0.33)	
Age=37	8.42*** (0.61)	8.04*** (1.14)	4.17*** (0.74)	1.07 (0.65)	6.25*** (0.95)	4.53*** (0.29)	
Age=38	8.51*** (0.60)	6.44*** (1.28)	3.69*** (0.86)	0.77 (0.59)	5.02*** (1.11)	4.50*** (0.33)	
Age=39	8.42*** (0.66)	8.98*** (1.63)	3.11*** (0.78)	1.17* (0.58)	3.71*** (1.08)	4.01*** (0.34)	
Age=40	7.69*** (0.63)	7.87*** (1.17)	0.36 (0.76)	0.02 (0.56)	2.90** (0.97)	3.09*** (0.33)	
Age=41	8.29*** (0.76)	6.87*** (1.10)	0.93 (1.00)	0.93 (0.59)	3.90*** (1.03)	3.51*** (0.42)	
Age=42	7.48*** (0.81)	8.04*** (1.40)	-1.60 (0.86)	0.19 (0.58)	4.30*** (1.10)	2.58*** (0.44)	
Age=43	7.14*** (0.73)	9.40*** (1.49)	-2.20** (0.79)	0.56 (0.61)	2.50 (1.52)	2.36*** (0.50)	
Age=44	6.35*** (0.83)	9.23*** (1.08)	-2.75** (0.86)	0.82 (0.61)	1.24 (1.34)	1.67** (0.62)	
Age=45	5.56*** (0.70)	7.94*** (1.23)	-4.99*** (0.90)	-0.14 (0.60)	1.60 (1.26)	0.83 (0.56)	
Age=46	5.85*** (0.71)	7.58*** (1.27)	-5.13*** (0.80)	0.38 (0.61)	2.52** (0.93)	0.27 (0.61)	
Age=47	5.94*** (0.82)	6.74*** (1.57)	-6.16*** (0.84)	0.61 (0.62)	1.11 (1.26)	-0.46 (0.59)	
Age=48	4.51***	6.47***	-7.81***	0.16	-0.21	-1.21	

	African American	American Indian	Asian/PacIsl	Latinx	Other	White
Age=49	(0.72) 4.24***	(1.44) 5.13***	(0.87) -8.77***	(0.64) 0.11	(1.09) -1.03	(0.62) -2.08***
Age=50	(0.63) 3.61***	(1.18) 4.59***	(0.83) -11.31***	(0.66) -0.70	(0.93) -1.88	(0.56) -2.97***
Age=51	(0.60) 3.32***	(1.16) 5.14***	(0.74) -10.82***	(0.63) 0.06	(1.02) -1.58	(0.41) -3.20***
Age=52	(0.56) 2.68***	(1.25) 7.60***	(0.74) -12.18***	(0.66) 0.33	(1.17) -2.91**	(0.42) -3.65***
Age=53	(0.58) 2.73***	(1.22) 6.71***	(0.90) -12.64***	(0.64) -0.11	(0.99) -1.86	(0.43) -3.91***
Age=54	(0.71) 2.66***	(1.11) 5.51***	(0.79) -13.24***	(0.58) -0.21	(1.18) -2.83**	(0.46) -4.08***
Age=55	(0.69) 2.52***	(1.48) 6.07***	(0.77) -15.80***	(0.65) -0.98	(1.04) -2.17	(0.55) -4.24***
Age=56	(0.67) 2.01**	(1.69) 6.03***	(0.80) -15.01***	(0.61) -0.99	(1.24) -2.09	(0.65) -3.99***
Age=57	(0.68) 2.48***	(1.21) 7.27***	(0.90) -15.69***	(0.71) -1.03	(1.20) -3.92***	(0.71) -3.66***
Age=58	(0.69) 2.28**	(1.93) 5.21***	(0.89) -16.46***	(0.65) -0.38	(0.95) -3.27*	(0.87) -3.62***
Age=59	(0.76) 1.70**	(1.15) 6.82***	(0.81) -16.50***	(0.64) -0.66	(1.38) -3.96**	(0.88) -3.56***
Age=60	(0.64) 1.85**	(1.32) 10.23***	(0.91) -17.27***	(0.58) -1.66*	(1.37) -4.59***	(0.81) -3.26***
Age=61	(0.67) 1.70**	(1.62) 8.67***	(0.90) -17.51***	(0.66) -1.74**	(1.36) -3.99**	(0.77) -2.99***
Age=62	(0.61) 1.35*	(1.42) 8.52***	(0.90) -17.70***	(0.65) -2.07***	(1.36) -1.08	(0.68) -3.14***
Age=63	(0.58) 0.94	(1.69) 10.36***	(1.06) -17.88***	(0.58) -2.21***	(1.54) -4.01***	(0.52) -3.57***
Age=64	(0.56) 0.79	(1.63) 8.31***	(0.96) -18.50***	(0.62) -2.90***	(1.17) -4.30***	(0.48) -4.15***
	(0.59)	(1.52)	(0.91)	(0.63)	(1.21)	(0.49)
R <sup>2</sup>	0.86	0.39	0.97	0.75	0.74	0.89
Adj. R <sup>2</sup>	0.84	0.32	0.96	0.72	0.72	0.88
Num. obs.	440	440	440	440	440	440
RMSE	0.22	0.55	0.29	0.20	0.44	0.23

\*\*\* $p < 0.001$ , \*\* $p < 0.01$ , \* $p < 0.05$ 

Tab. 7: Regressions to estimate trends in Associates attainment for hearing people

## 5 By Race/Ethnicity: Males

### 5.1 Deaf

	African American	American Indian	Asian/PacIsl	Latinx	Other	White	
(Intercept)	6.17*	29.59*	67.16***	6.75**	38.44***	15.91***	
	(2.45)	(13.32)	(13.67)	(2.46)	(10.93)	(1.80)	
year	0.76***	-0.29	0.14	0.62***	-0.15	0.67***	
	(0.14)	(0.32)	(0.32)	(0.11)	(0.29)	(0.06)	
Age=26	-1.68	54.86***	-23.00	5.56*	10.88	1.47	
	(3.12)	(16.13)	(16.36)	(2.77)	(11.84)	(2.40)	
Age=27	2.92	25.01	-34.87*	9.00*	-8.77	2.74	
	(4.23)	(21.00)	(14.47)	(3.81)	(13.36)	(2.02)	
Age=28	3.02	10.97	-22.61	5.65	2.33	4.63*	
	(4.35)	(19.19)	(16.00)	(2.89)	(14.35)	(2.11)	
Age=29	5.00	7.80	-22.62	5.08	6.39	5.53*	
	(3.44)	(24.82)	(17.02)	(3.08)	(13.70)	(2.63)	
Age=30	6.56	-3.81	-7.36	6.53	0.14	5.99*	
	(4.89)	(15.21)	(17.15)	(3.58)	(13.98)	(2.74)	
Age=31	0.73	-10.66	-14.36	6.47	-8.72	6.05**	
	(3.78)	(13.40)	(15.62)	(3.68)	(12.68)	(2.18)	
Age=32	6.14	28.20	-17.77	7.23*	0.19	6.64**	
	(3.76)	(16.95)	(15.18)	(3.19)	(14.48)	(2.23)	
Age=33	12.49**	6.73	-21.09	6.37	-3.36	6.13**	
	(4.04)	(15.39)	(15.07)	(4.07)	(12.76)	(2.19)	
Age=34	15.25***	18.84	-26.45	7.65*	-14.68	6.47**	
	(4.24)	(20.32)	(16.94)	(3.64)	(13.23)	(2.47)	
Age=35	9.94**	19.00	-10.29	8.91*	-6.44	8.30***	
	(3.76)	(20.71)	(16.45)	(4.35)	(15.29)	(2.02)	
Age=36	7.21	3.92	-13.26	10.84***	-1.22	5.28	
	(4.17)	(13.62)	(15.82)	(3.06)	(13.47)	(2.75)	
Age=37	13.18**	0.36	-18.41	12.83***	-11.29	6.21**	
	(4.17)	(15.16)	(15.90)	(3.50)	(12.45)	(2.33)	
Age=38	8.56*	2.29	-18.21	5.43	-11.89	6.10**	
	(4.13)	(15.59)	(14.99)	(3.23)	(12.18)	(2.15)	
Age=39	9.62*	16.07	-26.73	6.11	-15.81	6.72**	
	(3.76)	(14.15)	(15.26)	(3.42)	(12.60)	(2.19)	
Age=40	8.47*	19.68	-19.07	7.00*	-0.87	8.20***	
	(3.95)	(17.17)	(16.55)	(3.23)	(14.01)	(1.86)	
Age=41	8.63*	8.64	-25.70	6.93*	-2.69	5.33*	
	(4.35)	(14.91)	(15.15)	(2.81)	(12.38)	(2.08)	
Age=42	5.11	3.97	-28.65	6.11*	-9.16	7.00***	
	(3.31)	(15.24)	(15.49)	(2.96)	(12.03)	(2.08)	
Age=43	10.47**	4.90	-9.33	9.20**	-1.34	5.37*	
	(3.42)	(16.73)	(14.77)	(3.43)	(13.79)	(2.18)	
Age=44	7.88*	-15.27	-19.96	7.21*	-7.72	6.14**	



	African American	American Indian	Asian/PacIsl	Latinx	Other	White
	(3.84)	(13.60)	(14.85)	(3.40)	(12.85)	(2.08)
Age=45	1.61	3.45	-26.21	2.29	-9.45	5.70**
	(3.12)	(14.77)	(14.51)	(2.83)	(12.62)	(2.10)
Age=46	5.07	-5.42	-19.13	8.83**	-13.59	5.42**
	(3.41)	(13.80)	(14.77)	(3.26)	(11.75)	(2.03)
Age=47	7.96*	-3.46	-20.68	6.16	-6.01	5.33**
	(3.92)	(14.67)	(15.80)	(3.40)	(12.09)	(2.04)
Age=48	6.64	-11.89	-30.57*	2.90	-5.93	4.66*
	(3.84)	(13.94)	(14.68)	(3.11)	(12.53)	(1.94)
Age=49	6.18	-5.68	-38.18**	4.22	-11.82	5.38**
	(3.91)	(14.19)	(14.34)	(2.99)	(13.13)	(2.04)
Age=50	6.60*	-7.88	-39.03**	4.25	-11.31	3.21
	(2.88)	(14.75)	(13.94)	(3.37)	(12.36)	(1.98)
Age=51	2.03	-13.30	-37.79**	6.04	-17.19	3.52
	(3.07)	(13.57)	(14.55)	(3.79)	(11.81)	(1.87)
Age=52	4.72	-12.41	-28.42	5.99*	-16.38	3.80
	(2.65)	(13.43)	(15.43)	(2.99)	(11.69)	(1.99)
Age=53	4.55	-6.51	-31.26*	2.49	-12.59	4.75*
	(3.23)	(13.83)	(14.52)	(2.81)	(12.38)	(1.85)
Age=54	7.50*	-4.24	-34.38*	5.89*	-12.71	4.24*
	(3.32)	(13.79)	(14.42)	(2.77)	(11.47)	(1.89)
Age=55	3.54	-14.89	-33.66*	3.34	-9.19	5.03*
	(3.11)	(13.50)	(14.09)	(3.23)	(11.59)	(1.98)
Age=56	3.55	-1.67	-31.85*	6.91*	-14.08	5.14*
	(2.94)	(14.12)	(14.10)	(2.99)	(11.45)	(2.04)
Age=57	4.19	-2.79	-37.58**	5.32	-7.46	5.03*
	(3.11)	(13.70)	(14.43)	(2.79)	(12.01)	(2.10)
Age=58	1.70	-5.78	-32.25*	5.56*	-19.18	5.35**
	(2.69)	(13.90)	(14.17)	(2.82)	(11.31)	(1.88)
Age=59	4.11	-3.91	-33.07*	5.86	-5.54	5.62**
	(2.73)	(13.86)	(14.35)	(3.28)	(11.53)	(1.98)
Age=60	6.94*	-11.58	-33.78*	4.56	-10.28	7.57***
	(3.21)	(13.38)	(14.29)	(2.83)	(11.72)	(2.06)
Age=61	4.39	-6.22	-27.26	7.50**	-4.36	8.36***
	(2.39)	(13.71)	(14.52)	(2.62)	(11.74)	(1.97)
Age=62	4.62	3.10	-33.46*	5.26	-5.90	9.50***
	(2.81)	(13.88)	(14.10)	(2.83)	(11.78)	(1.98)
Age=63	7.30*	-5.87	-32.75*	5.94*	-6.10	10.41***
	(2.97)	(13.56)	(14.16)	(2.81)	(11.79)	(1.94)
Age=64	6.33*	1.08	-26.68	3.23	-9.82	9.29***
	(2.83)	(14.00)	(14.15)	(2.70)	(11.61)	(1.89)
R <sup>2</sup>	0.20	0.33	0.18	0.17	0.13	0.38
Adj. R <sup>2</sup>	0.12	0.23	0.09	0.09	0.02	0.31
Num. obs.	425	304	412	439	387	440
RMSE	1.38	2.79	3.16	1.12	2.74	0.63

African American	American Indian	Asian/PacIsl	Latinx	Other	White
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\*\*\* $p < 0.001$ , \*\* $p < 0.01$ , \* $p < 0.05$

Tab. 8: Regressions to estimate trends in Associates attainment  
for deaf people

## 5.2 Hearing

	African American	American Indian	Asian/PacIsl	Latinx	Other	White
(Intercept)	19.02*** (0.61)	14.35*** (1.49)	58.12*** (0.85)	14.84*** (0.56)	33.27*** (1.13)	38.24*** (0.38)
year	0.45*** (0.03)	0.16* (0.08)	0.46*** (0.04)	0.39*** (0.03)	0.69*** (0.07)	0.40*** (0.04)
Age=26	1.70* (0.70)	-1.79 (1.64)	4.29*** (0.95)	0.72 (0.99)	1.11 (1.40)	1.49** (0.45)
Age=27	2.46** (0.79)	-0.59 (1.78)	5.00*** (1.08)	1.35 (0.93)	0.98 (1.45)	2.45*** (0.42)
Age=28	3.22*** (0.75)	0.96 (1.78)	6.27*** (1.21)	1.53 (0.91)	3.81** (1.33)	3.45*** (0.48)
Age=29	3.93*** (0.65)	3.46 (2.51)	8.33*** (1.23)	1.49 (0.83)	4.51** (1.55)	4.32*** (0.60)
Age=30	4.36*** (0.69)	2.91 (1.86)	7.95*** (0.94)	0.95 (0.75)	7.27*** (1.34)	4.73*** (0.50)
Age=31	6.02*** (0.78)	2.84 (1.68)	9.96*** (0.99)	2.14** (0.72)	4.97*** (1.42)	5.59*** (0.51)
Age=32	6.81*** (0.89)	4.91* (2.17)	9.72*** (1.04)	2.18** (0.67)	6.44*** (1.49)	5.67*** (0.53)
Age=33	6.94*** (0.73)	5.49*** (1.45)	9.39*** (1.04)	2.06** (0.70)	5.82*** (1.56)	5.76*** (0.53)
Age=34	6.62*** (0.77)	6.69*** (1.90)	9.01*** (0.96)	1.95** (0.61)	4.11* (1.77)	5.39*** (0.50)
Age=35	6.16*** (0.78)	3.97* (1.94)	9.24*** (0.95)	0.80 (0.62)	3.98** (1.26)	5.00*** (0.46)
Age=36	7.25*** (0.79)	8.19*** (2.04)	9.35*** (0.94)	1.49* (0.62)	5.47*** (1.45)	5.22*** (0.36)
Age=37	6.73*** (0.79)	7.11*** (2.07)	8.30*** (1.03)	1.69** (0.62)	7.14*** (1.27)	5.26*** (0.33)
Age=38	7.17*** (0.79)	5.27*** (1.50)	8.57*** (1.28)	1.73** (0.64)	5.90*** (1.54)	5.68*** (0.37)
Age=39	7.21*** (0.75)	7.68*** (1.89)	8.20*** (1.03)	2.49*** (0.62)	4.60** (1.44)	5.24*** (0.36)
Age=40	6.33*** (0.87)	7.26*** (2.05)	5.38*** (0.93)	1.04 (0.59)	2.86 (1.48)	4.29*** (0.39)

	African American	American Indian	Asian/PacIsl	Latinx	Other	White	
Age=41	7.38*** (0.84)	4.95** (1.65)	5.71*** (1.05)	2.00** (0.62)	4.46** (1.59)	5.14*** (0.46)	
Age=42	6.41*** (0.86)	7.52*** (2.19)	3.56*** (1.04)	1.60** (0.60)	4.91*** (1.47)	4.36*** (0.43)	
Age=43	6.61*** (0.71)	6.96** (2.68)	2.79** (1.05)	1.84** (0.62)	4.03* (1.69)	4.60*** (0.50)	
Age=44	5.77*** (0.95)	6.61*** (1.62)	2.70* (1.07)	2.37*** (0.69)	2.16 (1.63)	3.88*** (0.57)	
Age=45	4.87*** (0.67)	9.15*** (1.83)	0.42 (1.04)	1.07 (0.63)	2.54 (1.35)	3.15*** (0.59)	
Age=46	5.28*** (0.82)	7.19*** (2.08)	0.16 (1.10)	1.87** (0.62)	3.94** (1.47)	2.74*** (0.67)	
Age=47	5.41*** (0.76)	4.10* (1.85)	-0.52 (1.08)	2.30** (0.72)	3.64* (1.51)	2.28*** (0.65)	
Age=48	4.06*** (0.78)	5.88** (1.96)	-2.37 (1.24)	2.13** (0.67)	1.55 (1.37)	1.84** (0.67)	
Age=49	4.15*** (0.73)	4.03** (1.52)	-2.67** (1.01)	2.22** (0.73)	1.58 (1.26)	1.06 (0.60)	
Age=50	3.05*** (0.74)	5.69** (2.07)	-5.43*** (0.96)	1.49* (0.69)	0.14 (1.48)	0.34 (0.51)	
Age=51	3.23*** (0.70)	5.28** (1.83)	-4.77*** (1.01)	2.53*** (0.68)	0.44 (1.70)	0.09 (0.51)	
Age=52	2.37*** (0.64)	7.16*** (1.65)	-5.99*** (1.02)	2.98*** (0.73)	-1.91 (1.27)	-0.02 (0.52)	
Age=53	3.18*** (0.89)	6.84*** (1.92)	-6.51*** (1.02)	2.24*** (0.64)	1.18 (1.52)	-0.31 (0.55)	
Age=54	3.08*** (0.79)	5.73** (1.95)	-6.10*** (0.93)	2.82*** (0.64)	-1.18 (1.35)	-0.13 (0.58)	
Age=55	2.66*** (0.72)	5.66* (2.38)	-9.79*** (0.96)	1.76** (0.65)	1.70 (1.52)	-0.13 (0.68)	
Age=56	2.71*** (0.76)	8.99*** (1.77)	-8.75*** (1.13)	2.43** (0.79)	0.73 (1.71)	0.43 (0.79)	
Age=57	3.23*** (0.78)	5.42* (2.49)	-8.98*** (1.42)	2.91*** (0.78)	0.79 (1.61)	1.21 (1.04)	
Age=58	3.48*** (0.84)	5.91** (1.81)	-9.30*** (1.02)	3.10*** (0.71)	2.12 (1.99)	1.56 (1.14)	
Age=59	2.58** (0.90)	9.34*** (2.19)	-9.09*** (1.14)	3.61*** (0.72)	0.45 (2.21)	2.45* (1.21)	
Age=60	3.44*** (0.86)	12.39*** (1.89)	-9.26*** (1.11)	2.01* (0.79)	3.29 (2.31)	3.19** (1.19)	
Age=61	2.91*** (0.73)	13.16*** (2.14)	-8.55*** (1.24)	2.94*** (0.76)	0.36 (2.00)	4.21*** (1.17)	
Age=62	3.48*** (0.71)	11.38*** (2.40)	-9.39*** (1.22)	2.59*** (0.65)	4.43* (1.86)	4.68*** (0.91)	
Age=63	3.25***	14.79***	-9.08***	2.86***	2.54	4.96***	

	African American	American Indian	Asian/PacIsl	Latinx	Other	White
Age=64	(0.66) 3.07*** (0.71)	(2.71) 13.24*** (1.88)	(1.50) -10.60*** (1.29)	(0.83) 2.64** (0.88)	(2.05) 3.59 (1.83)	(0.85) 4.88*** (0.57)
R <sup>2</sup>	0.67	0.39	0.91	0.48	0.40	0.62
Adj. R <sup>2</sup>	0.63	0.32	0.90	0.42	0.34	0.59
Num. obs.	440	440	440	440	440	440
RMSE	0.28	0.76	0.38	0.25	0.64	0.31

\*\*\* $p < 0.001$ , \*\* $p < 0.01$ , \* $p < 0.05$

Tab. 9: Regressions to estimate trends in Associates attainment  
for hearing people

## 6 By Race/Ethnicity: Females

### 6.1 Deaf

	African American	Asian/PacIsl	Latinx	Other	White	American Indian
(Intercept)	10.46*** (1.94)	33.35** (10.92)	11.82** (3.60)	36.34*** (6.65)	29.14*** (1.63)	85.53*** (2.80)
year	0.67*** (0.16)	-0.05 (0.33)	0.50*** (0.13)	0.65 (0.34)	0.76*** (0.07)	0.22 (0.47)
Age=26	7.06 (6.21)	5.31 (13.34)	-0.10 (4.40)	0.49 (9.00)	-3.36 (2.94)	-48.06 (31.36)
Age=27	12.52* (5.22)	35.05* (13.68)	4.02 (4.34)	-2.05 (7.89)	-3.55 (3.18)	-42.83* (20.41)
Age=28	2.32 (4.84)	14.35 (12.94)	0.33 (4.12)	-2.21 (10.34)	3.80 (2.45)	-47.04 (29.72)
Age=29	1.57 (2.89)	22.22 (15.26)	5.04 (4.87)	6.37 (15.44)	-5.87* (2.31)	-31.82 (19.88)
Age=30	4.19 (3.46)	18.16 (13.31)	1.47 (4.15)	6.35 (12.49)	-1.76 (2.52)	-13.74 (26.91)
Age=31	10.02* (4.49)	-0.99 (12.80)	-0.80 (4.20)	10.36 (10.58)	0.75 (2.10)	-49.62* (21.46)
Age=32	13.89** (5.09)	16.75 (13.67)	6.93 (4.93)	-11.85 (9.02)	-1.05 (2.40)	-18.06 (19.39)
Age=33	11.60** (4.26)	16.03 (13.63)	2.20 (4.41)	1.08 (10.71)	2.25 (2.02)	-64.43*** (9.77)
Age=34	8.06 (5.22)	35.14** (13.04)	6.01 (4.68)	0.02 (8.76)	-3.05 (2.75)	-38.96** (14.58)
Age=35	3.73 (3.09)	20.21 (12.63)	7.73 (4.84)	-7.37 (8.72)	1.13 (2.46)	-27.96 (23.80)
Age=36	5.60	10.56	3.52	9.26	1.23	-46.59***

	African American	Asian/PacIsl	Latinx	Other	White	American Indian	
	(3.47)	(13.36)	(4.52)	(14.66)	(1.92)	(13.36)	
Age=37	5.87*	20.04	1.44	12.26	-1.54	-45.84***	
	(2.86)	(12.24)	(3.88)	(15.45)	(2.54)	(13.31)	
Age=38	14.77**	12.05	7.33	-2.50	-1.42	-45.15**	
	(5.07)	(13.25)	(5.04)	(11.22)	(2.19)	(15.37)	
Age=39	12.35***	15.19	-1.21	-6.70	1.36	-37.42*	
	(3.33)	(12.88)	(3.86)	(9.14)	(2.14)	(18.75)	
Age=40	13.13**	5.63	1.33	-13.68	0.10	-45.30***	
	(4.38)	(11.31)	(4.06)	(8.45)	(1.87)	(11.19)	
Age=41	10.85**	15.84	3.71	-5.11	1.07	-51.79***	
	(3.81)	(12.40)	(3.88)	(9.09)	(2.50)	(6.70)	
Age=42	9.04*	11.84	5.43	-3.82	1.10	-60.71***	
	(3.68)	(12.40)	(4.20)	(12.60)	(3.15)	(4.30)	
Age=43	4.74	13.80	7.74	-16.45*	-1.68	-62.21***	
	(2.45)	(11.77)	(4.80)	(7.84)	(1.85)	(8.41)	
Age=44	4.00	20.41	3.78	-5.55	-1.13	-49.49***	
	(2.84)	(13.49)	(4.20)	(8.70)	(2.14)	(8.56)	
Age=45	8.75**	-1.74	0.66	5.31	-1.42	-54.63***	
	(3.28)	(10.77)	(4.04)	(10.83)	(2.06)	(6.86)	
Age=46	1.50	9.63	1.49	-9.83	-3.00	-65.52***	
	(2.94)	(12.66)	(3.88)	(7.59)	(1.89)	(5.17)	
Age=47	6.05	10.49	5.27	-12.19	-2.54	-68.78***	
	(3.48)	(12.59)	(3.85)	(8.33)	(1.97)	(4.40)	
Age=48	4.96	3.10	3.23	-7.73	-5.13**	-55.52***	
	(4.20)	(12.80)	(4.19)	(9.16)	(1.71)	(3.91)	
Age=49	-0.22	14.82	0.03	-11.60	-3.27	-62.99***	
	(2.59)	(12.14)	(3.57)	(9.33)	(1.77)	(6.58)	
Age=50	5.93*	0.92	-1.92	-4.07	-3.46	-55.88***	
	(2.86)	(12.00)	(3.55)	(7.09)	(1.80)	(8.83)	
Age=51	3.28	1.58	6.28	-12.15	-4.31**	-67.05***	
	(3.62)	(11.40)	(4.11)	(8.04)	(1.63)	(2.74)	
Age=52	2.41	8.36	1.22	-21.51**	-4.75**	-64.39***	
	(2.48)	(11.07)	(4.38)	(7.05)	(1.83)	(4.00)	
Age=53	0.87	7.21	2.02	-9.57	-5.47**	-69.76***	
	(2.43)	(10.99)	(4.05)	(8.41)	(1.74)	(5.56)	
Age=54	6.17	-3.11	3.61	-10.01	-3.14	-60.92***	
	(3.50)	(10.74)	(4.08)	(8.54)	(1.81)	(5.82)	
Age=55	2.17	4.90	0.81	-13.49	-4.75**	-53.82***	
	(3.04)	(11.75)	(3.47)	(8.42)	(1.68)	(4.65)	
Age=56	-0.87	-2.08	1.33	-6.78	-4.72*	-70.68***	
	(1.91)	(11.07)	(3.62)	(8.57)	(1.83)	(2.42)	
Age=57	3.65	3.67	-0.65	-14.09*	-2.43	-69.96***	
	(2.69)	(11.72)	(4.09)	(6.80)	(1.68)	(3.05)	
Age=58	5.46*	4.27	-1.05	-9.59	-3.46*	-49.32***	
	(2.76)	(11.61)	(3.77)	(7.45)	(1.62)	(8.97)	

	African American	Asian/PacIsl	Latinx	Other	White	American Indian	
Age=59	3.86 (2.67)	0.52 (11.88)	-0.46 (3.58)	-8.38 (8.17)	-3.87* (1.64)	-66.25*** (6.26)	
Age=60	5.22* (2.57)	1.00 (11.45)	-3.74 (3.55)	-8.06 (8.11)	-2.75 (1.60)	-62.90*** (4.93)	
Age=61	2.53 (2.41)	-4.78 (10.95)	-0.99 (3.67)	-16.63* (8.13)	-3.53* (1.64)	-59.90*** (4.30)	
Age=62	4.86* (2.10)	-1.68 (11.21)	-1.98 (3.89)	-15.29* (7.32)	-3.08 (1.65)	-61.42*** (3.98)	
Age=63	4.72* (2.11)	-0.49 (10.91)	-3.93 (3.44)	-7.76 (8.52)	-5.15** (1.70)	-58.28*** (5.48)	
Age=64	2.64 (2.05)	-2.47 (10.74)	-3.74 (3.63)	-12.29 (7.99)	-4.28* (1.75)	-52.87*** (7.44)	
R <sup>2</sup>	0.18	0.18	0.18	0.14	0.35	0.25	
Adj. R <sup>2</sup>	0.10	0.10	0.10	0.04	0.29	0.13	
Num. obs.	431	419	438	370	440	283	
RMSE	1.60	3.42	1.24	3.15	0.76	3.53	

\*\*\* $p < 0.001$ , \*\* $p < 0.01$ , \* $p < 0.05$

Tab. 10: Regressions to estimate trends in Associates attainment for deaf people

## 6.2 Hearing

	African American	Asian/PacIsl	Latinx	Other	White	American Indian	
(Intercept)	23.97*** (0.62)	64.78*** (0.71)	21.26*** (0.55)	38.99*** (0.75)	46.10*** (0.42)	19.69*** (1.47)	
year	0.77*** (0.03)	0.67*** (0.03)	0.67*** (0.02)	1.05*** (0.05)	0.87*** (0.02)	0.30*** (0.08)	
Age=26	3.02*** (0.82)	−0.13 (0.84)	0.80 (0.81)	0.68 (0.96)	1.29* (0.51)	1.81 (2.41)	
Age=27	3.60*** (0.84)	2.26* (0.94)	0.76 (0.71)	3.00** (1.07)	2.61*** (0.58)	3.13 (1.85)	
Age=28	4.11*** (0.70)	2.99*** (0.79)	0.96 (0.78)	2.99** (0.90)	2.63*** (0.54)	−0.14 (2.40)	
Age=29	5.43*** (0.72)	3.31*** (0.89)	1.13 (0.66)	4.11*** (1.02)	3.39*** (0.49)	1.92 (2.47)	
Age=30	6.21*** (0.73)	2.29* (0.92)	0.89 (0.67)	3.52* (1.41)	3.73*** (0.45)	4.75* (2.14)	
Age=31	6.34*** (0.84)	3.31*** (0.98)	1.40* (0.71)	5.06*** (0.85)	4.65*** (0.43)	6.46*** (1.73)	
Age=32	7.31*** (0.70)	2.74** (0.92)	0.67 (0.67)	5.91*** (1.20)	4.51*** (0.43)	6.66** (2.05)	

	African American	Asian/PacIsl	Latinx	Other	White	American Indian	
Age=33	8.29*** (0.64)	3.62*** (0.95)	0.40 (0.64)	6.13*** (1.10)	4.41*** (0.43)	8.65*** (2.36)	
Age=34	7.90*** (0.78)	2.40** (0.80)	0.08 (0.70)	5.09*** (1.09)	4.24*** (0.46)	6.37** (2.34)	
Age=35	7.69*** (0.66)	0.65 (0.91)	0.06 (0.66)	4.95*** (1.20)	3.83*** (0.44)	9.54*** (1.99)	
Age=36	8.23*** (0.79)	1.13 (0.92)	0.35 (0.63)	4.64*** (1.07)	3.65*** (0.46)	7.80*** (1.67)	
Age=37	9.41*** (0.68)	-0.00 (0.85)	0.08 (0.77)	5.37*** (0.93)	3.72*** (0.43)	8.20*** (2.15)	
Age=38	9.28*** (0.67)	-1.12 (0.92)	-0.50 (0.62)	4.07*** (1.07)	3.22*** (0.48)	7.02** (2.33)	
Age=39	9.24*** (0.77)	-1.88 (0.96)	-0.57 (0.65)	2.75* (1.31)	2.68*** (0.50)	9.45*** (2.45)	
Age=40	8.57*** (0.68)	-4.62*** (0.91)	-1.27* (0.63)	3.07*** (0.81)	1.77*** (0.46)	7.80*** (1.74)	
Age=41	8.77*** (0.96)	-3.81*** (1.14)	-0.57 (0.65)	3.07*** (0.92)	1.81*** (0.53)	8.15*** (1.79)	
Age=42	8.21*** (1.01)	-6.65*** (1.00)	-1.67* (0.66)	3.62* (1.57)	0.73 (0.58)	7.59*** (1.75)	
Age=43	7.47*** (0.91)	-7.12*** (0.85)	-1.19 (0.68)	0.79 (1.93)	0.02 (0.61)	10.95*** (1.86)	
Age=44	6.66*** (0.87)	-8.06*** (0.93)	-1.16 (0.62)	0.13 (1.32)	-0.69 (0.78)	11.21*** (1.83)	
Age=45	5.99*** (0.91)	-10.32*** (1.03)	-1.74* (0.70)	0.26 (1.47)	-1.59* (0.65)	6.15*** (1.72)	
Age=46	6.14*** (0.88)	-10.30*** (0.80)	-1.50* (0.66)	0.79 (1.38)	-2.33*** (0.67)	7.41*** (1.87)	
Age=47	6.17*** (0.95)	-11.59*** (0.95)	-1.58* (0.69)	-1.55 (1.51)	-3.32*** (0.65)	9.07*** (2.14)	
Age=48	4.65*** (0.85)	-13.11*** (0.81)	-2.25*** (0.67)	-2.08 (1.19)	-4.37*** (0.68)	6.62*** (1.93)	
Age=49	4.10*** (0.71)	-14.64*** (1.07)	-2.47*** (0.66)	-3.77** (1.20)	-5.37*** (0.62)	5.27** (1.87)	
Age=50	3.94*** (0.69)	-17.01*** (0.86)	-3.35*** (0.69)	-3.93*** (1.14)	-6.41*** (0.49)	2.88 (1.87)	
Age=51	3.18*** (0.65)	-16.64*** (0.84)	-2.89*** (0.72)	-3.81** (1.23)	-6.64*** (0.51)	4.92* (2.16)	
Age=52	2.73*** (0.67)	-18.15*** (1.05)	-2.82*** (0.63)	-4.11*** (1.21)	-7.41*** (0.49)	7.21*** (1.95)	
Age=53	2.18** (0.71)	-18.52*** (0.91)	-2.96*** (0.63)	-5.05*** (1.37)	-7.65*** (0.54)	6.00*** (1.66)	
Age=54	2.12** (0.80)	-19.97*** (0.92)	-3.71*** (0.75)	-4.54** (1.53)	-8.17*** (0.65)	4.59* (2.10)	
Age=55	2.12* (0.80)	-21.51*** (0.92)	-4.25*** (0.75)	-5.91*** (1.53)	-8.48*** (0.65)	5.71** (2.10)	

	African American	Asian/PacIsl	Latinx	Other	White	American Indian	
	(0.84)	(1.02)	(0.70)	(1.44)	(0.71)		(2.09)
Age=56	1.20	-20.99***	-4.90***	-4.64***	-8.54***		2.74
	(0.82)	(0.91)	(0.76)	(1.15)	(0.74)		(1.83)
Age=57	1.62*	-22.02***	-5.40***	-8.36***	-8.63***		7.85**
	(0.78)	(0.91)	(0.65)	(0.91)	(0.79)		(2.45)
Age=58	1.04	-23.04***	-4.33***	-8.10***	-8.88***		3.83*
	(0.81)	(1.01)	(0.65)	(1.44)	(0.74)		(1.76)
Age=59	0.72	-23.37***	-5.30***	-8.25***	-9.56***		3.98*
	(0.66)	(0.98)	(0.59)	(1.23)	(0.61)		(1.73)
Age=60	0.25	-24.49***	-5.80***	-11.41***	-9.66***		7.70***
	(0.70)	(1.02)	(0.62)	(1.27)	(0.60)		(2.26)
Age=61	0.38	-25.55***	-6.77***	-8.09***	-10.06***		4.17*
	(0.65)	(0.96)	(0.64)	(1.41)	(0.55)		(1.91)
Age=62	-0.69	-25.06***	-7.05***	-6.06***	-10.77***		5.19*
	(0.65)	(1.15)	(0.66)	(1.73)	(0.55)		(2.41)
Age=63	-1.27	-25.75***	-7.53***	-10.02***	-11.79***		6.26**
	(0.66)	(0.99)	(0.73)	(1.44)	(0.58)		(1.98)
Age=64	-1.39	-25.69***	-8.59***	-11.26***	-12.78***		3.55
	(0.71)	(0.99)	(0.74)	(1.36)	(0.66)		(2.19)
R <sup>2</sup>	0.87	0.97	0.88	0.78	0.96		0.26
Adj. R <sup>2</sup>	0.85	0.96	0.87	0.75	0.95		0.19
Num. obs.	440	440	440	440	440		440
RMSE	0.26	0.33	0.21	0.55	0.22		0.79

\*\*\*  $p < 0.001$ , \*\*  $p < 0.01$ , \*  $p < 0.05$

Tab. 11: Regressions to estimate trends in Associates attainment  
for hearing people