APPENDIX A: STIMULI FOR EXPERIMENTS 1 AND 2 AND VERB PROPERTIES

Table A1. Stimuli for Experiment 1

Kind	List	context sentence	target sentence	Bias	
		Ana and Liz were			
Critical 1		attending a karoke		object	
		party.	Ana idolized Liz because she is a dax.		
Critical		Ana and Liz were			
	2	attending a karoke		subject	
		party.	Ana dazzled Liz because she is a dax.		
Critical		Ana and Liz were			
	1	performing in a beauty		object	
		pageant.	Ana envied Liz because she is a dax.		
Critical		Ana and Liz were		ļ	
	2	performing in a beauty	Ana frightened Liz because she is a	subject	
		pageant.	dax.		
Critical		Ana and Liz were			
	1	volunteering at the		object	
		library	Ana despised Liz because she is a dax.		
Critical		Ana and Liz were			
	2	volunteering at the		subject	
		library	Ana offended Liz because she is a dax.		
Critical		Liz and Ana were			
	1	competing in a		subject	
		marathon.	Liz enraged Ana because she is a dax.		
Critical		Liz and Ana were			
2		competing in a		object	
		marathon.	Liz hated Ana because she is a dax.		
Critical		Liz and Ana were			
	1	working on a project		object	
	for class. Liz disliked Ana because		Liz disliked Ana because she is a dax.		
Critical		Liz and Ana were			
	2	working on a project		subject	
		for class.	Liz bored Ana because she is a dax.		
Critical	1	Liz and Ana were	Liz aggravated Ana because she is a	subject	
	-	working out at the gym.	dax.	Jubject	
Critical 2		Liz and Ana were		x. object	
	working out at the gym.		Liz loathed Ana because she is a dax.		
Critical	1	Matt and Will were		object	
	camping in the woods.		Matt trusted Will because he is a dax.	Object	
Critical	2	Matt and Will were	Matt fascinated Will because he is a	subject	
		camping in the woods.	dax.	Jubject	
Critical		Matt and Will were			
	1	driving to a baseball		subject	
		game.	Matt irritated Will because he is a dax.		

Critical	2	Matt and Will were driving to a baseball game. Matt resented Will because he is a dax.		object
Critical	1	Matt and Will were rooming together at a		subject
Critical	2	conference. Matt and Will were rooming together at a conference.	Matt amused Will because he is a dax. Matt adored Will because he is a dax	object
Critical	1	Will and Matt were attending a training session.	Will pleased Matt because he is a dax.	subject
Critical	2	Will and Matt were attending a training session.	Will worshipped Matt because he is a dax.	object
Critical	1	Will and Matt were fishing with their kids.	Will admired Matt because he is a dax.	object
Critical	2	Will and Matt were fishing with their kids.	Will inspired Matt because he is a dax.	subject
Critical	1	Will and Matt were playing basketball on opposite teams.	Will distracted Matt because he is a dax.	subject
Critical	2	Will and Matt were playing basketball on opposite teams.	Will teased Matt because he is a dax.	object
Filler	Both	Ana and Matt were washing paint brushes.	Ana painted with Matt because she is a dax.	
Filler	Both	Ana and Will were decorating the living room.	Ana hung a picture with Will because he is a dax.	
Filler	Both	Liz and Matt were studying for an exam.	Liz went to the library with Matt because he is a dax.	
Filler	Both	Liz and Will were on vacation.	Liz watched TV with Will because she is a dax.	
Filler	Both	Matt and Ana were looking for a fun activity they'd both enjoy.	Matt played video games with Ana because she is a dax.	
Filler	Both	Matt and Liz were in the mountains.	Matt hiked with Liz because he is a dax.	
Filler	Both	Will and Ana were at the gym.	Will ran a mile with Ana because he a dax	
Filler	Both	Will and Liz were talking to the bride.	Will attended the wedding with Liz because she is a dax.	

Table A2. Stimuli for Experiment 2

Critical 1 attending a karaoke party. Ana idolized Liz because she is a great singer. object singer. Critical Ana and Liz were attending a karaoke party. Ana dazzled Liz because she is a great singer. subject singer. Critical Ana and Liz were performing in a beauty pageant. Ana and Liz were performing in a beauty pageant. Ana and Liz were performing in a beauty pageant. Ana and Liz were performing in a beauty pageant. Ana and Liz were performing in a beauty pageant. Ana and Liz were performing in a beauty pageant. Ana and Liz were performing in a beauty pageant. Ana despised Liz because she is a beautiful woman. beautiful woman. Critical Ana and Liz were volunteering at the library Ana despised Liz because she is a lazy volunteer. object volunteer. Critical Liz and Ana were volunteering at the library volunteer. Liz enraged Ana because she is a lazy volunteer. subject volunteer. Critical Liz and Ana were vorking on a project for class. Liz hated Ana because she is an arrogant person. object volunteering at the person. Critical Liz and Ana were working on a project for class. Liz disliked Ana because she is an unimaginative person. because she is an object volunteer. Critical Liz and Ana were working on a project for class. Liz and Ana were working out at the gym. Liz aggravated Ana because she is an obnoxi	Kind	List	context sentence	target sentence	Bias
1 attending a karaoke party. Ana and Liz were attending a karaoke party. Ana and Liz were attending a karaoke party. Ana and Liz were singer. Ana and Liz were performing in a beauty pageant. Ana and Liz were performing in a beauty pageant. Ana and Liz were performing in a beauty pageant. Ana and Liz were performing in a beauty pageant. Ana and Liz were performing in a beauty pageant. Ana and Liz were performing in a beauty pageant. Ana and Liz were volunteering at the library volunteer. Ana despised Liz because she is a lazy volunteer. Critical Ana and Liz were volunteering at the library volunteer. Ana offended Liz because she is a lazy volunteer. Critical Liz and Ana were competing in a marathon. Liz and Ana were competing in a marathon. Liz and Ana were working on a project for class. Liz offended Liz because she is an arrogant person. Critical Liz and Ana were working on a project for class. Liz breed Ana because she is an arrogant person. Critical Liz and Ana were working on a project for class. Liz breed Ana because she is an unimaginative person. Liz breed Ana because she is an obnoxious weight lifter. Critical Liz and Ana were working out at the gym. Liz breed Ana because she is an obnoxious weight lifter. Critical And Ana were working out at the gym. Liz breed Ana because she is an obnoxious weight lifter. Critical And Ana were working out at the gym. Liz lostical Ana because she is an obnoxious weight lifter. Critical And Ana were working out at the gym. Liz lostical Ana because she is an obnoxious weight lifter. Critical And Ana were working out at the gym. Liz lostical Ana because she is an obnoxious weight lifter. Critical And Ana were working out at the gym. Liz lostical Ana because she is an obnoxious weight lifter. Critical And Ana were working out at the gym. Liz lostical Ana because she is an obnoxious weight lifter. Critical And Ana were working out at the gym. Liz lostical Ana because she is	Critical		Ana and Liz were	-	
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game. driver.		_	_	•	

Critical	1	Matt and Will were rooming together at a Matt amused Will because he is a fur		subject
		conference.	guy.	
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		session.	learner.	
Critical		Will and Matt were		
	2	attending a training	Will worshipped Matt because he is a quick	object
		session.	learner.	
Critical	1	Will and Matt were	Will admired Matt because he is a good	object
		fishing with their kids.	father.	,
Critical	2	Will and Matt were	Will inspired Matt because he is a good	subject
0.111		fishing with their kids.	father	,
Critical		Will and Matt were	NACH district Adams Adams In the control of the con	. 1.1
	1	playing basketball on	Will distracted Matt because he is a slow	subject
Cuitical		opposite teams.	dribbler.	
Critical	2	Will and Matt were	Will teased Matt because he is a slow	object
		playing basketball on opposite teams.	dribbler.	object
		Ana and Matt were	Ana painted with Matt because she is an art	
Filler	Both	washing paint brushes.	teacher.	
		Liz and Will were hoping	teacher	
Filler	Both	to attend a sold out	Liz offered the tickets to Will because she	
		concert.	was busy that day.	
	5	Liz and Will were in the	Liz hiked with Will because she is a fitness	
Filler	Both	mountains.	coach.	
F:II	Dath	Matt and Liz were on	Matt watched TV with Liz because he was	
Filler	Both	vacation.	behind on the latest episode.	
Filler	Both	Matt and Liz were	Matt loaned the key to Liz because he was	
Fillel	ВОП	organizing their office.	too busy to unlock the file cabinet.	
Filler	Both	Will and Ana were	Will handed the flowers to Ana because he	
Tillet	Botti	cleaning the yard.	was helping in the garden.	
Filler	Both	Ana and Matt were in	Ana borrowed the book from Matt because	
Tillet	Dotti	college together.	he was finished with the class.	
		Ana and Will were		
Filler	Both	looking for a fun activity	Ana played video games with Will because	
		they'd both enjoy.	he is good competition.	
Filler	Both	Liz and Matt were talking	Liz attended the wedding with Matt	
7 11101		to the bride.	because he is a friend of the bride.	
Filler	Both	Matt and Ana were at	Matt took the fries from Ana because she	
		McDonald's.	was full.	
E	D	Will and Ana were	Mellin and the second of the s	
Filler	Both	decorating the living	Will hung a picture with Ana because she is	
		room.	a tall person.	

		Will and Liz were on their		
Filler	Both	company's baseball	Will caught the baseball from Liz because	
		team.	she was practicing a new pitching technique	

Table A3. Verbs used in Experiment 1 and 2

Verb	Туре	Bias	percent subject bias	class	Valence	Frequency
admired	Noncause/Cause	object	11%	31.2 admire	positive	3.67
adored	Noncause/Cause	object	12%	31.2 admire	positive	2.45
aggravated	Cause/Noncause	subject	73%	31.1 amuse	negative	1.25
amused	Cause/Noncause	subject	82%	31.1 amuse	positive	2.51
bored	Cause/Noncause	subject	76%	31.1 amuse	negative	20.18
dazzled	Cause/Noncause	subject	78%	31.1 amuse	positive	0.53
despised	Noncause/Cause	object	11%	31.2 admire	negative	1.25
disliked	Noncause/Cause	object	11%	31.2 admire	negative	0.55
distracted	Cause/Noncause	subject	76%	31.1 amuse	negative	7.39
enraged	Cause/Noncause	subject	83%	31.1 amuse	negative	0.69
envied	Noncause/Cause	object	14%	31.2 admire	negative	1
fascinated	Cause/Noncause	subject	74%	31.1 amuse	positive	3.49
frightened	Cause/Noncause	subject	82%	31.1 amuse	negative	23.25
hated	Noncause/Cause	object	15%	31.2 admire	negative	28.22
idolized	Noncause/Cause	object	13%	31.2 admire	positive	0.37
inspired	Cause/Noncause	subject	81%	31.1 amuse	positive	7.65
irritated	Cause/Noncause	subject	78%	31.1 amuse	negative	1.37
loathed	Noncause/Cause	object	14%	31.2 admire	negative	0.39
offended	Cause/Noncause	subject	77%	31.1 amuse	negative	7.53
pleased	Cause/Noncause	subject	78%	31.1 amuse	positive	28.53
resented	Noncause/Cause	object	15%	31.2 admire	positive	1.04
teased	Noncause/Cause	object	20%	31.1 amuse	negative	0.94
trusted	Noncause/Cause	object	15%	31.2 admire	positive	16.78
worshipped	Noncause/Cause	object	16%	31.2 admire	positive	1.92

APPENDIX B: DEMOGRAPHIC QUESTIONS

- 1. What is your current age?
- 2. Please rate your level of proficiency with the English language as well as the age you began to learn the language by selecting from the drop-down menus adjacent to each question.

Native

Native- as a baby

Native- before age 6

Native- During elementary school

Native- During middle/high school

Native- During or after college

Good

Good- as a baby

Good- before age 6

Good- During elementary school

Good- During middle/high school

Good- During or after college

Poor

Poor- as a baby

Poor- before age 6

Poor- During elementary school

Poor- During middle/high school

Poor- During or after college

3. What is your sex?

Male

Female

4. What is your gender identity (male, female, non-binary, other, etc.)?

- 5. Think of this below as rungs of a ladder representing where people stand in society. At the top of the ladder are the people that are the best off Individuals/families who have the most money, the most education, and the most respected jobs. At the bottom of the ladder are the people that are the worst off—Individuals/families who have the least money, least education, and least respected jobs or no job. Where would you place yourself on this ladder (1 being the top and 15 being the bottom)? Select the number which best indicates where you think you stand relative to other individuals.
- 6. To your best knowledge, what is your (or your family's) yearly household income?

Over 1,000,000

950,001-1,000,000

900,001-950,000

850,001-900,000

800,001-850,000

750,001-800,000

700,001-750,000

650,001-700,000

600,001-650,000

550,001-600,000

500,001-550,000

450,001-500,000

400,001-450,000

350,001-400,000

300,001-350,000

250,001-300,000

230,001 300,000

200,001-250,000

150,001-200,000

100,001-150,000

50,001-100,000

Less than 50,000

7. Think about the person who you most closely identify as your mother or mother figure (e.g., grandmother or aunt who raised you, adoptive mother, foster mother, etc.) What is her highest level of formal education?

Did not graduate high school

Graduated high school

Some college, 2-year college degree, or technical school

4-year college degree

Master's, professional, Ph.D., M.D., or other graduate degree

Don't know

8. Think about the person who you most closely identify as your father or father figure (e.g., grandfather or uncle who raised you, adoptive father, foster father, etc.) What is his highest level of formal education?

Did not graduate high school

Graduated high school

Some college, 2-year college degree, or technical school

4-year college degree

Master's, professional, Ph.D., M.D., or other graduate degree

Don't know