Supplementary Material for

Lexically-Mediated Syntactic Priming Effects in Comprehension: Sources of Facilitation

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**Supplementary Material A:**  Means tables

**Experiment 1: Mean first pass, first-pass regressions and total time by scoring region and condition for the target sentences.**

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**First Pass Time Scoring Region**

**Verb Disambiguating Post-Disambiguating**

**Prime Sentence Results**

Baseline 355 610 452

**Target Sentence Results**

RR-Same 356 575 429

FR-Same 330 592 412

MC-Same 351 638 470

RR-Different 358 635 444

**First-Pass Regressions**

**Prime Sentence Results**

Baseline 11.0% 19.9% 12.7%

**Target Sentence Results**

RR-Same 11.0% 13.9% 10.0%

FR-Same 11.8% 11.1% 11.8%

MC-Same 7.9% 15.3% 13.6%

RR-Different 8.8% 19.0% 11.4%

**Regression-Path Time**

**Prime Sentence Results**

Baseline 460 790 790

**Target Sentence Results**

RR-Same 431 705 704

FR-Same 418 697 700

MC-Same 402 766 777

RR-Different 424 752 761

**Total Time**

**Prime Sentence Results**

Baseline 582 884 587

**Target Sentence Results**

RR-Same 515 789 596

FR-Same 467 755 547

MC-Same 507 863 639

RR-Different 517 863 583

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**Experiment 2: Mean first pass, first-pass regressions, and total time by region and condition.**

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Scoring Region

**First-Pass Time**

**Verb Disambiguating Post-Disambiguating**

Prime Sentence Results

Baseline 370 535 433

Target Sentence Results

SR 346 541 440

FR 347 550 433

RR 356 520 404

MC 356 542 447

**First-Pass Regressions**

Prime Sentence Results

Baseline 10.1% 21.2% 17.3%

Target Sentence Results

SR 8.2% 11.8% 11.1%

FR 7.8% 9.2% 15.7%

RR 8.8% 11.8% 16.0%

MC 10.4% 19.0% 18.3%

**Regression-Path Time**

Prime Sentence Results

Baseline 423 732 611

Target Sentence Results

SR 398 630 544

FR 419 644 539

RR 421 649 559

MC 420 712 604

**Total Time**

Prime Sentence Results

Baseline 548 802 606

Target Sentence Results

SR 470 708 556

FR 493 725 581

RR 494 714 550

MC 537 796 604

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**Experiment 3: Mean first pass, first-pass regressions, and total time by region and condition.**

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**Scoring Region**

**First-Pass Time**

**Verb Disambiguating Post-Disambiguating**

Prime Sentence Results

Baseline 364 611 558

Target Sentence Results

RR 352 575 523

Passive 355 602 519

MC 345 607 538

**First-Pass Regressions**

Prime Sentence Results

Baseline 13.3% 14.6% 37.0%

Target Sentence Results

RR 11.7% 10.1% 37.2%

Passive 9.7% 12.1% 34.5%

MC 10.4% 17.2% 39.8%

**Regression-Path Time**

Prime Sentence Results

Baseline 462 740 922

Target Sentence Results

RR 428 659 883

Passive 430 711 844

MC 415 740 910

**Total Time**

Prime Sentence Results

Baseline 574 911 731

Target Sentence Results

RR 518 820 677

Passive 556 860 675

MC 549 918 696

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**Experiment 4: Mean fixation time and regression % by scoring region and condition.**

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**Scoring Region**

**First-Pass Time**

**Verb Disambiguating Post-Disambiguating**

Prime Sentence Results

Baseline 375 575 553

Target Sentence Results

RR 358 558 565

Pluperfect 348 574 522

MC 339 576 524

**First-Pass Regressions**

Prime Sentence Results

Baseline 13.2% 15.0% 22.4%

Target Sentence Results

RR 10.4% 12.8% 15.6%

Pluperfect 12.2% 12.0% 15.9%

MC 10.6% 12.6% 18.1%

**Regression-Path Time**

Prime Sentence Results

Baseline 455 790 1019

Target Sentence Results

RR 433 705 959

Pluperfect 410 768 977

MC 406 762 1010

**Total Time**

Prime Sentence Results

Baseline 581 911 746

Target Sentence Results

RR 537 816 706

Pluperfect 527 887 694

MC 521 862 712

**Supplementary Material B: Experimental Stimuli**

**Experiments1-2** (RR = reduced-relative, FR = full relative, SR = short relative, RRDV = reduced-relative with different verb, MC = main clause)

1

(RR) The speaker proposed by the group would work perfectly for the program.

(FR) The speaker who was proposed by the group would work perfectly for the program.

(SR) The speaker who was proposed would work perfectly for the program.

(RRDV) The speaker reviewed by the group would work perfectly for the program.

(MC) The speaker proposed the solution to the group at the space program.

(RR) The manager proposed by the directors was a bitter old man.

(FR) The manager who was proposed by the directors was a bitter old man.

(SR) The manager who was proposed was a bitter old man.

(RRDV) The manager reviewed by the directors was a bitter old man.

(MC) The manager proposed the changes to the bitter old man.

2

(RR) The man paid by the parents was unreasonable.

(FR) The man who was paid by the parents was unreasonable.

(SR) The man who was paid was unreasonable.

(RRDV) The man called by the parents was unreasonable.

(MC) The man paid the bill even though it was unreasonable.

(RR) The accountant paid by the company had a masters degree in finance.

(FR) The accountant who was paid by the company had a masters degree in finance.

(SR) The accountant who was paid had a masters degree in finance.

(RRDV) The accountant called by the company had a masters degree in finance.

(MC) The accountant paid the company back for his masters degree.

3

(RR) The lawyer sent by the governor arrived late.

(FR) The lawyer who was sent by the governor arrived late.

(SR) The lawyer who was sent arrived late.

(RRDV) The lawyer brought by the governor arrived late.

(MC) The lawyer sent the files to the governor late last week.

(RR) The referee sent by the league office had excellent vision.

(FR) The referee who was sent by the league office had excellent vision.

(SR) The referee who was sent had excellent vision.

(RRDV) The referee brought by the league office had excellent vision.

(MC) The referee sent the report to the league office.

4

(RR) The student accepted by the school was very pleased.

(FR) The student who was accepted by the school was very pleased.

(SR) The student who was accepted was very pleased.

(RRDV) The student rejected by the school was not very pleased.

(MC) The student accepted the offer from the school yesterday.

(RR) The candidate accepted by the party ran for governor.

(FR) The candidate who was accepted by the party ran for governor.

(SR) The candidate who was accepted by the party ran for governor.

(RRDV) The candidate rejected by the party ran for governor.

(MC) The candidate accepted the offer from the party last night.

5

(RR) The woman sketched by the artist was very beautiful.

(FR) The woman who was sketched by the artist was very beautiful.

(SR) The woman who was sketched was very beautiful.

(RRDV) The woman pictured by the artist was very beautiful.

(MC) The woman sketched the artist who was very beautiful.

(RR) The student sketched by the painter had a mole on her hip.

(FR) The student who was sketched by the painter had a mole on her hip.

(SR) The student who was sketched had a mole on her hip.

(RRDV) The student pictured by the painter had a mole on her hip.

(MC) The student sketched the model who had a mole on her hip.

6

(RR) The defendant examined by the lawyer turned out to be unreliable.

(FR) The defendant who was examined by the lawyer turned out to be unreliable.

(SR) The defendant who was examined turned out to be unreliable.

(RRDV) The defendant ignored by the lawyer turned out to be unreliable.

(MC) The defendant examined the bloody glove but it did not fit right.

(RR) The engineer examined by the licensing board passed with flying colors.

(FR) The engineer who was examined by the licensing board passed with flying colors.

(SR) The engineer who was examined passed with flying colors.

(RRDV) The engineer ignored by the licensing board passed with flying colors.

(MC) The engineer examined the license on the wall in the doctor's office.

7

(RR) The specialist requested by the hospital had finally arrived.

(FR) The specialist who was requested by the hospital had finally arrived.

(SR) The specialist who was requested had finally arrived.

(RRDV) The specialist employed by the hospital had finally arrived.

(MC) The specialist requested the instrument that had finally arrived.

(RR) The surgeon requested by the patient was one of the finest.

(FR) The surgeon who was requested by the patient was one of the finest.

(SR) The surgeon who was requested was one of the finest.

(RRDV) The surgeon employed by the hospital had finally arrived.

(MC) The surgeon requested the nurse who was one of the finest.

8

(RR) The artist studied by the historian was relatively unknown.

(FR) The artist who was studied by the historian was relatively unknown.

(SR) The artist who was studied was relatively unknown.

(RRDV) The artist bothered by the historian was relatively unknown.

(MC) The artist studied the history of the Italian renaissance.

(RR) The general studied by the journalist led the campaign.

(FR) The general who was studied by the journalist led the campaign.

(SR) The general who was studied led the campaign.

(RRDV) The general bothered by the journalist led the campaign.

(MC) The general studied the maps before the campaign.

9

(RR) The man recognized by the spy took off down the street.

(FR) The man who was recognized by the spy took off down the street.

(SR) The man who was recognized took off down the street.

(RRDV) The man accused by the spy took off down the street.

(MC) The man recognized the spy who took off down the street.

(RR) The criminal recognized by the victim had a long rap sheet.

(FR) The criminal who was recognized by the victim had a long rap sheet.

(SR) The criminal who was recognized had a long rap sheet.

(RRDV) The criminal accused by the victim had a long rap sheet.

(MC) The criminal recognized the parole officer with the rap sheet.

10

(RR) The man recorded by the secretary could not be understood.

(FR) The man who was recorded by the secretary could not be understood.

(SR) The man who was recorded could not be understood.

(RRDV) The man assisted by the secretary could not be understood.

(MC) The man recorded the notes that the secretary could not understand.

(RR) The singer recorded by the studio had a nasty reputation.

(FR) The singer who was recorded by the studio had a nasty reputation.

(SR) The singer who was recorded had a nasty reputation.

(RRDV) The singer assisted by the studio had a nasty reputation.

(MC) The singer recorded the song at the studio with the bad reputation.

11

(RR) The author read by the student was very difficult to understand.

(FR) The author read by the student was very difficult to understand.

(SR) The author read was very difficult to understand.

(RRDV) The author annoyed by the student was very difficult to understand.

(MC) The author read the review but it was difficult to understand.

(RR) The poet read by the class impressed the English teacher.

(FR) The poet who was read by the class impressed the English teacher.

(SR) The poet who was read impressed the English teacher.

(RRDV) The poet annoyed by the class impressed the English teacher.

(MC) The poet read the note to the class who were very impressed.

12

(RR) The director watched by the cop was in a bad part of the town.

(FR) The director who was watched by the cop was in a bad part of the town.

(SR) The director who was watched was in a bad part of the town.

(RRDV) The director annoyed by the cop was in a bad part of town.

(MC) The director watched the actor pretending to be in a bad part of town.

(RR) The lifeguard watched by the swimmer had a deep dark suntan.

(FR) The lifeguard watched by the swimmer had a deep dark suntan.

(SR) The lifeguard watched had a deep dark suntan.

(RRDV) The lifeguard annoyed by the swimmer had a deep dark suntan.

(MC) The lifeguard watched the swimmer who had a deep dark suntan.

13

(RR) The scientists considered by the committee each had limitations.

(FR) The scientists who were considered by the committee each had limitations.

(SR) The scientists who were considered each had limitations.

(RRDV) The scientists recommended by the committee each had limitations.

(MC) The scientists considered the formula that had some limitations.

(RR) The applicant considered by the board had a good track record.

(FR) The applicant who was considered by the board had a good track record.

(SR) The applicant who was considered had a good track record.

(RRDV) The applicant recommended by the board had a good track record.

(MC) The applicant considered the job and had a good track record.

14

(RR) The assistant graded by the professor was very interesting.

(FR) The assistant who was graded by the professor was very interesting.

(SR) The assistant who was graded was very interesting.

(RRDV) The assistant watched by the professor was very interesting.

(MC) The assistant graded the papers that were very interesting.

(RR) The competitors graded by the panel were trying to win a prize.

(FR) The competitors who were graded by the panel were trying to win a prize.

(SR) The competitors who were graded were trying to win a prize.

(RRDV) The competitors watched by the panel were trying to win a prize.

(MC) The competitors graded the products and tried to win a prize.

15

(RR) The mailman expected by the secretary arrived too late.

(FR) The mailman who was expected by the secretary arrived too late.

(SR) The mailman who was expected arrived too late.

(RRDV) The mailman greeted by the secretary arrived too late.

(MC) The mailman expected the secretary to arrive very late.

(RR) The pregnant mother expected by the hospital arrived in the morning.

(FR) The pregnant mother who was expected by the hospital arrived in the morning.

(SR) The pregnant mother who was expected arrived in the morning.

(RRDV) The pregnant mother greeted by the hospital arrived in the morning.

(MC) The pregnant mother expected the infant to arrive in the morning.

16

(RR) The man towed by the garage was parked illegally.

(FR) The man who was towed by the garage was parked illegally.

(SR) The man who was towed was parked illegally.

(RRDV) The man phoned by the garage was parked illegally.

(MC) The man towed the car after it was parked illegally.

(RR) The driver towed by the police had left his lights on.

(FR) The driver who was towed by the police had left his lights on.

(SR) The driver who was towed had left his lights on.

(RRDV) The driver phoned by the police had left his lights on.

(MC) The driver towed the police car but left his lights on.

17

(RR) The prisoner transported by the guards was closely watched.

(FR) The prisoner who was transported by the guards was closely watched.

(SR) The prisoner who was transported was closely watched.

(RRDV) The prisoner carried by the guards was closely watched.

(MC) The prisoner transported the guards that he kidnapped.

(RR) The courier transported by the airline had secret documents.

(FR) The courier who was transported by the airline had secret documents.

(SR) The courier who was transported had secret documents.

(RRDV) The courier carried by the airline had secret documents.

(MC) The courier transported the secret documents to the airport.

18

(RR) The teacher loved by the class was very easy to understand.

(FR) The teacher who was loved by the class was very easy to understand.

(SR) The teacher who was loved was very easy to understand.

(RRDV) The teacher hated by the class was very hard to understand.

(MC) The teacher loved the class and was very easy to understand.

(RR) The actress loved by the fans looked great in a blue dress.

(FR) The actress who was loved by the fans looked great in a blue dress.

(SR) The actress who was loved looked great in a blue dress.

(RRDV) The actress hated by the fans looked great in a blue dress.

(MC) The actress loved the fans who turned up to see the premier.

19

(RR) The contestant selected by the judges did not deserve to win.

(FR) The contestant who was selected by the judges did not deserve to win.

(SR) The contestant who was selected did not deserve to win.

(RRDV) The contestant supported by the judges did not deserve to win.

(MC) The contestant selected the wrong answer and did not win.

(RR) The customer selected by the security guard had not stolen anything.

(FR) The customer who was selected by the security guard had not stolen anything.

(SR) The customer who was selected had not stolen anything.

(RRDV) The customer supported by the security guard had not stolen anything.

(MC) The customer selected the jacket but had not stolen anything.

20

(RR) The thief identified by the victim was held for questioning.

(FR) The thief who was identified by the victim was held for questioning.

(SR) The thief who was identified was held for questioning.

(RRDV) The thief confronted by the victim was held for questioning.

(MC) The thief identified the victim's address after questioning.

(RR) The victim identified by the coroner had been wearing a blue shirt.

(FR) The victim who was identified by the coroner had been wearing a blue shirt.

(SR) The victim who was identified had been wearing a blue shirt.

(RRDV) The victim confronted by the assailant had been wearing a blue shirt.

(MC) The victim identified the assailant who had worn a blue shirt.

21

(RR) The troops attacked by the terrorists suffered heavy losses.

(FR) The troops who were attacked by the terrorists suffered heavy losses.

(SR) The troops who were attacked suffered heavy losses.

(RRDV) The troops ambushed by the terrorists suffered heavy losses.

(MC) The troops attacked the terrorists who suffered heavy losses.

(RR) The pilot attacked by the angry crowd disappeared forever.

(FR) The pilot who was attacked by the angry crowd disappeared forever.

(SR) The pilot who was attacked disappeared forever.

(RRDV) The pilot ambushed by the angry crowd disappeared forever.

(MC) The pilot attacked the angry crowd and disappeared forever.

22

(RR) The boy described by the lady was quite handsome.

(FR) The boy who was described by the lady was quite handsome.

(SR) The boy who was described was quite handsome.

(RRDV) The boy brought by the old lady was quite handsome.

(MC) The boy described the lady who was quite beautiful.

(RR) The secretary described by the visitor had green eyes.

(FR) The secretary who was described by the visitor had green eyes.

(SR) The secretary who was described had green eyes.

(RRDV) The secretary brought by the visitor had green eyes.

(MC) The secretary described the visitor as having green eyes.

23

(RR) The woman scratched by the cat was badly injured.

(FR) The woman who was scratched by the cat was badly injured.

(SR) The woman who was scratched was badly injured.

(RRDV) The woman surprised by the cat was badly injured.

(MC) The woman scratched the cat behind the ears.

(RR) The child scratched by the thorn bush was looking for her ball.

(FR) The child who was scratched by the thorn bush was looking for her ball.

(SR) The child who was scratched was looking for her ball.

(RRDV) The child surprised by the thorn bush was looking for her ball.

(MC) The child scratched her head as she was looking for her ball.

24

(RR) The client wanted by the advertiser was worth a lot of money.

(FR) The client who was wanted by the advertiser was worth a lot of money.

(SR) The client who was wanted was worth a lot of money.

(RRDV) The client recruited by the advertiser was worth a lot of money.

(MC) The client wanted the advertiser to do a better job.

(RR) The personal trainer wanted by the athlete was very busy.

(FR) The personal trainer who was wanted by the athlete was very busy.

(SR) The personal trainer who was wanted was very busy.

(RRDV) The personal trainer recruited by the athlete was very busy.

(MC) The personal trainer wanted the athlete to work much harder.

**Experiment 3** (RR = reduced-relative, PT = passive, MC = main clause; all targets were RR)

1

(RR) The speaker proposed by the group quit suddenly.

(PT) The speaker was proposed by the group but quit suddenly.

(MC) The speaker proposed the changes and then quit suddenly.

(RR) The manager proposed by the directors was fired.  
(PT) The manager was proposed by the directors and fired.

(MC) The manager proposed the changes to the board.

2

(RR) The man paid by the parents left immediately.

(PT) The man was paid by the parents and left.

(MC) The man paid the bill and left.

(RR) The accountant paid by the company got drunk.

(PT) The accountant was paid by the company and got drunk.

(MC) The accountant paid the company and got drunk.

3

(RR) The lawyer sent by the governor arrived late.

(PT) The lawyer was sent by the governor and arrived late.

(MC) The lawyer sent the files to the governor last week.

(RR) The referee sent by the league office arrived on time.

(PT) The referee was sent by the league office and arrived on time.

(MC) The referee sent the report to the league office on time.

4

(RR) The student accepted by the school was very pleased.

(PT) The student was accepted by the school and was very pleased.

(MC) The student accepted the offer from the school yesterday.

(RR) The candidate accepted by the party was ecstatic.

(PT) The candidate was accepted by the party and was ecstatic.

(MC) The candidate accepted the offer and was ecstatic.

5

(RR) The woman sketched by the artist was beautiful.

(PT) The woman was sketched by the artist and was beautiful.

(MC) The woman sketched the artist and was very beautiful.

(RR) The student sketched by the painter laughed.

(PT) The student was sketched by the painter and laughed.

(MC) The student sketched the painter and laughed.

6

(RR) The defendant examined by the lawyer lied.

(PT) The defendant was examined by the lawyer and lied.

(MC) The defendant examined the bloody glove and lied.

(RR) The engineer examined by the licensing board passed.

(PT) The engineer was examined by the licensing board and passed.

(MC) The engineer examined the license and sneezed.

7

(RR) The specialist requested by the hospital arrived.

(PT) The specialist was requested by the hospital and arrived.

(MC) The specialist requested the instrument for the operation.

(RR) The surgeon requested by the patient was in charge.

(PT) The surgeon was requested by the patient and was in charge.

(MC) The surgeon requested the nurse and was in charge.

8

(RR) The artist studied by the historian traveled a lot.

(PT) The artist was studied by the historian and traveled a lot.

(MC) The artist studied the historian and traveled a lot.

(RR) The general studied by the journalist led the campaign.

(PT) The general was studied by the journalist and led the campaign.

(MC) The general studied the maps before the campaign.

9

(RR) The man recognized by the spy took off.

(PT) The man was recognized by the spy and took off.

(MC) The man recognized the spy who took off.

(RR) The criminal recognized by the victim yelled.

(PT) The criminal was recognized by the victim and yelled.

(MC) The criminal recognized the victim and yelled.

10

(RR) The man recorded by the secretary talked softly.

(PT) The man was recorded by the secretary and talked softly.

(MC) The man recorded the notes and talked softly.

(RR) The singer recorded by the technician was nasty.

(PT) The singer was recorded by the technician and was nasty.

(MC) The singer recorded the song and was nasty.

11

(RR) The author read by the student was difficult to understand.

(PT) The author was read by the student and was difficult to understand.

(MC) The author read the review but it was difficult to understand.

(RR) The poet read by the class impressed everyone.

(PT) The poet was read by the class and impressed everyone.

(MC) The poet read the note to the class this morning.

12

(RR) The director watched by the cop was in trouble.

(PT) The director was watched by the cop and was in trouble.

(MC) The director watched the actor who pretended to be in trouble.

(RR) The lifeguard watched by the swimmer almost drowned.

(PT) The lifeguard was watched by the swimmer who almost drowned.

(MC) The lifeguard watched the swimmer who almost drowned.

13

(RR) The scientists considered by the committee each had limitations.

(PT) The scientists were considered by the committee but each had limitations.

(MC) The scientists considered the formula that had some limitations.

(RR) The applicant considered by the board had a problem.

(PT) The applicant was considered by the board but had a problem.

(MC) The applicant considered the job but had a problem.

14

(RR) The assistant graded by the professor was interesting.

(PT) The assistant was graded by the professor who was interesting.

(MC) The assistant graded the papers that were interesting.

(RR) The competitors graded by the panel were intelligent.

(PT) The competitors were graded by the panel and were intelligent.

(MC) The competitors graded the products during the contest.

15

(RR) The mailman expected by the secretary arrived late.

(PT) The mailman was expected by the secretary but arrived late.

(MC) The mailman expected the secretary to arrive late.

(RR) The pregnant mother expected by the hospital arrived.

(PT) The pregnant mother was expected by the hospital and she arrived.

(MC) The pregnant mother expected the infant to arrive soon.

16

(RR) The man towed by the garage was angry.

(PT) The man was towed by the garage and was angry.

(MC) The man towed the car and he was angry.

(RR) The driver towed by the police left his lights on.

(PT) The driver was towed by the police and left his lights on.

(MC) The driver towed the police car but left his lights on.

17

(RR) The prisoner transported by the guards escaped.

(PT) The prisoner was transported by the guards and escaped.

(MC) The prisoner transported the guards after he escaped.

(RR) The courier transported by the airline disappeared.

(PT) The courier was transported by the airline and disappeared.

(MC) The courier transported the documents before disappearing.

18

(RR) The teacher loved by the class was easy to understand.

(PT) The teacher was loved by the class and was easy to understand.

(MC) The teacher loved the class and was easy to understand.

(RR) The actress loved by the fans looked great.

(PT) The actress was loved by the fans and looked great.

(MC) The actress loved the fans who looked great.

19

(RR) The contestant selected by the judge did not win.

(PT) The contestant was selected by the judge but did not win.

(MC) The contestant selected the wrong answer and did not win.

(RR) The customer selected by the guard was not a thief.

(PT) The customer was selected by the guard but was not a thief.

(MC) The customer selected the jacket and paid cash.

20

(RR) The thief identified by the victim was arrested.

(PT) The thief was identified by the victim and was arrested.

(MC) The thief identified the victim after questioning.

(RR) The victim identified by the coroner was tall.

(PT) The victim was identified by the coroner and was tall.

(MC) The victim identified the assailant who was tall.

21

(RR) The troops attacked by the terrorists ran away.

(PT) The troops were attacked by the terrorists and ran away.

(MC) The troops attacked the terrorists who ran away.

(RR) The pilot attacked by the angry crowd vanished.

(PT) The pilot was attacked by the angry crowd and vanished.

(MC) The pilot attacked the angry crowd and vanished.

22

(RR) The boy described by the lady was handsome.

(PT) The boy was described by the lady who was beautiful.

(MC) The boy described the lady who was beautiful.

(RR) The secretary described by the visitor had green eyes.

(PT) The secretary was described by the visitor who had green eyes.

(MC) The secretary described the visitor as having green eyes.

23

(RR) The woman scratched by the cat was injured.

(PT) The woman was scratched by the cat and was injured.

(MC) The woman scratched the cat behind the ears.

(RR) The child scratched by the thorn bush cried loudly.

(PT) The child was scratched by the thorn bush and cried loudly.

(MC) The child scratched her head and then cried loudly.

24

(RR) The client wanted by the advertiser was wealthy.

(PT) The client was wanted by the advertiser and was wealthy.

(MC) The client wanted the advertiser to do a better job.

(RR) The personal trainer wanted by the athlete was busy.

(PT) The personal trainer was wanted by the athlete but was busy.

(MC) The personal trainer wanted the athlete to work harder.

**Experiment 4** (RR = reduced-relative, PL = pluperfect, MC = main clause; targets were always RR)

1

(RR) The contestant selected by the judge did not win.

(PL) The contestant had selected the answer but did not win.

(MC) The contestant selected the wrong answer and did not win.

(RR) The customer selected by the guard was not a thief.

(PL) The customer had selected the jacket but was not a thief.

(MC) The customer selected the jacket and paid cash.

2

(RR) The scientists considered by the committee each had limitations.

(PL) The scientists had considered the formula that had some limitations.

(MC) The scientists considered the formula that had some limitations.

(RR) The applicant considered by the board had a problem.

(PL) The applicant had considered the job but had a problem.

(MC) The applicant considered the job but had a problem.

3

(RR) The woman sketched by the artist was beautiful.

(PL) The woman had sketched the artist this morning.

(MC) The woman sketched the artist this morning.

(RR) The student sketched by the painter laughed.

(PL) The student had sketched the painter this morning.

(MC) The student sketched the painter this morning.

4

(RR) The man towed by the garage was angry.

(PL) The man had towed the car and was angry.

(MC) The man towed the car and he was angry.

(RR) The driver towed by the police left his lights on.

(PL) The driver had towed the police car and left the lights on.

(MC) The driver towed the police car and left the lights on.

5

(RR) The specialist requested by the hospital arrived.

(PL) The specialist had requested the instruments for the operation.

(MC) The specialist requested the instruments for the operation.

(RR) The surgeon requested by the patient was in charge.

(PL) The surgeon had requested the nurse and was in charge.

(MC) The surgeon requested the nurse and was in charge.

6

(RR) The assistant graded by the professor was interesting.

(PL) The assistant had graded the papers before class.

(MC) The assistant graded the papers before class.

(RR) The competitors graded by the panel were intelligent.

(PL) The competitors had graded the products during the contest.

(MC) The competitors graded the products during the contest.

7

(RR) The woman scratched by the cat was injured.

(PL) The woman had scratched the cat behind the ears.

(MC) The woman scratched the cat behind the ears.

(RR) The child scratched by the thorn bush cried loudly.

(PL) The child had scratched her head and then cried loudly.

(MC) The child scratched her head and then cried loudly.

8

(RR) The lawyer sent by the governor arrived late.

(PL) The lawyer had sent the files to the governor last week.

(MC) The lawyer sent the files to the governor last week.

(RR) The referee sent by the league office arrived on time.

(PL) The referee had sent the report to the league office on time.

(MC) The referee sent the report to the league office on time.

9

(RR) The teacher loved by the class was easy to understand.

(PL) The teacher had loved the class and was easy to understand.

(MC) The teacher loved the class and was easy to understand.

(RR) The actress loved by the fans looked great.

(PL) The actress had loved the fans and looked great.

(MC) The actress loved the fans and looked great.

10

(RR) The client wanted by the attorney was wealthy.

(PL) The client had wanted the attorney with a perfect trial record.

(MC) The client wanted the attorney with a perfect trial record.

(RR) The personal trainer wanted by the athlete was busy.

(PL) The personal trainer had wanted the athlete to work harder.

(MC) The personal trainer wanted the athlete to work harder.

11

(RR) The mailman expected by the secretary arrived late.

(PL) The mailman had expected the secretary to arrive late.

(MC) The mailman expected the secretary to arrive late.

(RR) The pregnant mother expected by the hospital arrived.

(PL) The pregnant mother had expected the infant to arrive soon.

(MC) The pregnant mother expected the infant to arrive soon.

12

(RR) The man recognized by the spy took off.

(PL) The man had recognized the spy who took off.

(MC) The man recognized the spy who took off.

(RR) The criminal recognized by the victim yelled.

(PL) The criminal had recognized the victim and yelled.

(MC) The criminal recognized the victim and yelled.

13

(RR) The man paid by the parents left immediately.

(PL) The man had paid the bill and left.

(MC) The man paid the bill and left.

(RR) The accountant paid by the company got promoted.

(PL) The accountant had paid the company and got promoted.

(MC) The accountant paid the company and got promoted.

14

(RR) The troops attacked by the terrorists ran away.

(PL) The troops had attacked the terrorists who ran away.

(MC) The troops attacked the terrorists who ran away.

(RR) The pilot attacked by the angry crowd vanished.

(PL) The pilot had attacked the angry crowd and vanished.

(MC) The pilot attacked the angry crowd and vanished.

15

(RR) The student accepted by the school was very pleased.

(PL) The student had accepted the offer from the school yesterday.

(MC) The student accepted the offer from the school yesterday.

(RR) The candidate accepted by the party was ecstatic.

(PL) The candidate had accepted the offer and was ecstatic.

(MC) The candidate accepted the offer and was ecstatic.

16

(RR) The defendant examined by the lawyer lied.

(PL) The defendant had examined the glove and lied.

(MC) The defendant examined the glove and lied.

(RR) The engineer examined by the licensing board passed.

(PL) The engineer had examined the license and sneezed.

(MC) The engineer examined the license and sneezed.

17

(RR) The director watched by the cop was in trouble.

(PL) The director had watched the actor who pretended to be in trouble.

(MC) The director watched the actor who pretended to be in trouble.

(RR) The lifeguard watched by the swimmer almost drowned.

(PL) The lifeguard had watched the swimmer who almost drowned.

(MC) The lifeguard watched the swimmer who almost drowned.

18

(RR) The author read by the student was difficult to understand.

(PL) The author had read the review but it was difficult to understand.

(MC) The author read the review but it was difficult to understand.

(RR) The poet read by the class impressed everyone.

(PL) The poet had read the note to the class this morning.

(MC) The poet read the note to the class this morning.

19

(RR) The prisoner transported by the guards escaped.

(PL) The prisoner had transported the guards after he escaped.

(MC) The prisoner transported the guards after he escaped.

(RR) The courier transported by the airline disappeared.

(PL) The courier had transported the documents before disappearing.

(MC) The courier transported the documents before disappearing.

20

(RR) The thief identified by the woman was arrested.

(PL) The thief had identified the woman after questioning.

(MC) The thief identified the woman after questioning.

(RR) The victim identified by the coroner was tall.

(PL) The victim had identified the assailant who was tall.

(MC) The victim identified the assailant who was tall.

21

(RR) The speaker proposed by the group quit suddenly.

(PL) The speaker had proposed the changes and then quit suddenly.

(MC) The speaker proposed the changes and then quit suddenly.

(RR) The manager proposed by the directors was fired.

(PL) The manager had proposed the changes to the board.

(MC) The manager proposed the changes to the board.

22

(RR) The man recorded by the secretary talked softly.

(PL) The man had recorded the notes and talked softly.

(MC) The man recorded the notes and talked softly.

(RR) The singer recorded by the technician was nasty.

(PL) The singer had recorded the song and was nasty.

(MC) The singer recorded the song and was nasty.

23

(RR) The boy described by the lady was handsome.

(PL) The boy had described the lady who was beautiful.

(MC) The boy described the lady who was beautiful.

(RR) The secretary described by the visitor had green eyes.

(PL) The secretary had described the visitor as having green eyes.

(MC) The secretary described the visitor as having green eyes.

24

(RR) The artist studied by the historian traveled a lot.

(PL) The artist had studied the historian and traveled a lot.

(MC) The artist studied the historian and traveled a lot.

(RR) The general studied by the journalist led the campaign.

(PL) The general had studied the maps before the campaign.

(MC) The general studied the maps before the campaign.