

## Appendix A

The experimental sentences (Exp. 1) and targets of Experiment 1. While listening to the experimental sentences, participants were presented with visual targets that appeared at the offset of the prime words (underlined). The geminate consonants of the primes (bold underlined) were replaced with another token of the geminate in the same sentence or with the singleton counterpart of the geminate (bold underlined) realized in initial (IS) or medial position (MS).

The first 16 targets contained consonants that can appear word-initially and word-finally in Italian words (unrestricted consonants); the other 16 contained those that do not appear in word-final position (restricted consonants).

Sentence	Target
<b>Exp. 1</b> - Marco descriveva l' <u>allarme</u> appena installato	allarme
<i>(Marco was describing the alarm just installed)</i>	(alarm)
IS - Marco descriveva la <u>ladra</u> alla polizia	
<i>(Marco was describing the thief to the police)</i>	
MS - Marco descriveva l' <u>alano</u> del suo vicino	
<i>(Marco was describing the Great Dane of his neighbour)</i>	
<b>Exp. 1</b> - Angela credeva fosse un' <u>allieva</u> di suo fratello	allieva
<i>(Angela thought [she] was a pupil of her brother)</i>	(pupil)
IS - Angela credeva fosse una <u>lieve</u> distorsione	
<i>(Angela thought [it] was a light sprain)</i>	
MS - Angela credeva fosse un' <u>aliena</u> malintenzionata	
<i>(Angela thought [she] was an alien malicious)</i>	

**Exp. 1** - Gianna tolse l'alloro dalla minestra alloro  
(*Gianna took the laurel out of the soup*) (laurel)

IS - Gianna tolse la loro biancheria dal cassetto  
(*Gianna took their underwear out of the drawer*)

MS - Gianna tolse l'alone della macchia  
(*Gianna cleaned away the ring of the stain*)

**Exp. 1** - Il giornalista parlava dell'allungo di fine gara allungo  
(*The journalist was mentioning the spurt at the end of the race*) (spurt)

IS - Il giornalista parlava della lunga fatica degli esami finali  
(*The journalist was reporting the long effort of the final tests*)

MS - Il giornalista parlava dell'alunno peggiore della scuola  
(*The journalist was talking about the worst student of the school*)

**Exp. 1** - Il titolo del libro era "L'ellisse non è un cerchio" ellisse  
(*The title of the book was "the oval is not a circle"*) (oval)

IS - Il titolo del libro era "Le liste non hanno fine"  
(*The title of the book was "the lists do not have an end"*)

MS - Il titolo del libro era "L'Eliso nella mitologia greca"  
(*The title of the book was "the Elysium in Greek mythology"*)

**Exp. 1** - La donna disse che d'illusi è pieno il mondo illusi  
(*The woman said that of dreamers is full the world*) (dreamers)

IS - La donna disse che di lussi del genere non ne sentiva il bisogno  
(*The woman said that of luxuries, she did not need them*)

MS - La donna disse che di luvi così erano frequenti  
(*The woman said that downpours of that sort were frequent*)

**Exp. 1** - Corrado disse che l'annata migliore era esaurita annata  
(*Corrado said that the best year was sold out*) (year)

IS - Corrado disse che la nave era partita

(*Corrado said that the boat left*)

MS - Corrado disse che l'analisi andava rifatta

(*Corrado said that the analysis had to be redone*)

**Exp. 1** - Il cugino disse che un'annosa questione divideva le due famiglie annoso  
(*The cousin said that an age-old issue divided the two families*) (age-old)

IS - Il cugino disse che una nomina temporanea non era adeguata

(*The cousin said that an appointment temporary was not adequate*)

MS - Il cugino disse che un'anonimo poeta scrisse quei versi

(*The cousin said that an anonymous poet wrote those verses*)

**Exp. 1** - Lo studente chiese la definizione d'innesco al maestro innesco  
(*The student asked the definition of trigger of the new teacher*) (trigger)

IS - Lo studente chiese la definizione di nesto al giardiniere

(*The student asked the definition of graft of the new gardener*)

MS - Lo studente chiese la definizione d'inerzia al professore

(*The student asked the definition of inertia of the professor*)

**Exp. 1** - Giulia parlava di quell'innocuo cagnolino innocuo  
(*Giulia was talking about that innocuous doggy*) (innocuous)

IS - Giulia parlava di quelli nobili, ma poveri

(*Giulia was talking about those noble, but impoverished [people]*)

MS - Giulia parlava di quel linoleum comprato al mercato

(*Giulia was talking about that linoleum bought at the market*)

- Exp. 1** - Marta descrisse l'arredo della casa di campagna arredo  
(*Marta described the furniture of the country house*) (furniture)
- IS - Marta descrisse la retina degli insetti  
(*Marta described the retina of the insects*)
- MS - Marta descrisse l'arena appena visitata  
(*Marta described the arena [she] just visited*)
- Exp. 1** - L'articolo parlava dell'arresto del famoso latitante arresto  
(*The article was talking of the arrest of the famous fugitive*) (arrest)
- IS - L'articolo parlava della ressa per gli acquisti di Natale  
(*The article was talking of the crowd for the Christmas shopping*)
- MS - L'articolo parlava dell'arèca indiana  
(*The article was talking of the Indian areca*)
- Exp. 1** - L'avvocato fece l'arringa finale arringa  
(*The lawyer made the final speech*) (speech)
- IS - L'avvocato fece la riga ai pantaloni  
(*The lawyer ironed the crease into the trousers*)
- MS - L'avvocato fece l'aringa in umido  
(*The lawyer made the herring in a sauce*)
- Exp. 1** - Il marito pensò che l'arrosto fosse eccellente arrosto  
(*The husband thought that the aroma was excellent*) (roast)
- IS - Il marito pensò che la rosa fosse sufficiente  
(*The husband thought that the rose was sufficient*)
- MS - Il marito pensò che l'aroma fosse eccellente  
(*The husband thought that the aroma was excellent*)

<b>Exp. 1</b> - Il libro trattava dell' <u>errore</u> umano	errore
<i>(The book dealt with the human error)</i>	(error)
IS - Il libro trattava delle <u>rotte</u> navali	
<i>(The book dealt with the marine routes)</i>	
MS - Il libro trattava dell' <u>eroe</u> dei due mondi	
<i>(The book dealt with the hero of the two worlds)</i>	
<b>Exp. 1</b> - La donna disse "quest' <u>orrore</u> deve essere cancellato"	orrore
<i>(The woman said "this horror has to be erased")</i>	(horror)
IS - La donna disse "questo <u>rovere</u> è rovinato"	
<i>(The woman said "this oak is spoiled")</i>	
MS - La donna disse "quest' <u>oroscopo</u> è propizio"	
<i>(The woman said "this horoscope is favourable")</i>	
<b>Exp. 1</b> - Sara non si ricordava dell' <u>abbozzo</u> del progetto	abbozzo
<i>(Sara did not remember the outline of the project)</i>	(outline)
IS - Sara non si ricordava della <u>bozza</u> dell'ultimo articolo	
<i>(Sara did not remember the draft of the last article)</i>	
MS - Sara non si ricordava dell' <u>aborto</u> della collega	
<i>(Sara did not remember the abortion of the colleague)</i>	
<b>Exp. 1</b> - La mamma non aveva l' <u>accento</u> siciliano	accento
<i>(The mother did not have the Sicilian accent)</i>	(accent)
IS - La mamma non aveva la <u>cera</u> per il legno	
<i>(The mother did not have the wax for the wood)</i>	
MS - La mamma non aveva l' <u>aceto</u> balsamico	
<i>(The mother did not have the balsamic vinegar)</i>	

<b>Exp. 1</b> - Pietro disse che l' <u>addome</u> era coperto di macchie	addome
<i>(Pietro said that the abdomen was covered with stains)</i>	(abdomen)
IS - Pietro disse che la <u>d</u> ose di veleno era eccessiva	
<i>(Pietro said that the dose of poison was excessive)</i>	
MS - Pietro disse che l' <u>ad</u> one aveva sedotto Maria	
<i>(Pietro said that the Adonis seduced Maria)</i>	
<b>Exp. 1</b> - Paolo disse che l' <u>effetto</u> della medicina era finito	effetto
<i>(Paolo disse that the effect of the medication was over)</i>	(effect)
IS - Paolo disse che le <u>f</u> erie ormai erano finite	
<i>(Paolo disse that the vacations were by that time over)</i>	
MS - Paolo disse che l' <u>ef</u> elide sul naso era scomparsa	
<i>(Paolo disse that the freckle on the nose disappeared)</i>	
<b>Exp. 1</b> - L'uomo chiese se l' <u>aggancio</u> fosse sicuro	aggancio
<i>(The man asked whether the hook was safe)</i>	(hook)
IS - L'uomo chiese se la <u>g</u> arza fosse sterile	
<i>(The man asked whether the lint was sterile)</i>	
MS - L'uomo chiese se l' <u>ag</u> ape fosse un banchetto	
<i>(The man asked whether the agape was a banquet)</i>	
<b>Exp. 1</b> - L'articolo parlava dell' <u>agguato</u> al convoglio umanitario	agguato
<i>(The article talked about the ambush of the humanitarian convoy)</i>	(ambush)
IS - L'articolo parlava della <u>g</u> uardia uccisa dai rapinatori	
<i>(The article talked about the guard killed by the robbers)</i>	
MS - L'articolo parlava dell' <u>ag</u> uzzo campanile della cattedrale	
<i>(The article talked about the sharp bell-tower of the cathedral)</i>	

- Exp. 1** - Fabio diede l'acconto per la consegna dei mobili acconto  
(*Fabio gave the deposit for the delivery of the furniture*) (deposit)
- IS - Fabio diede la colpa dello scherzo all'amico  
(*Fabio blamed the trick on the friend*)
- MS - Fabio diede laconico una risposta inaspettata  
(*Fabio gave laconically an unexpected answer*)
- Exp. 1** - Il professore disse che l'accusa era di frode accusa  
(*The professor said that the charge was of fraud*) (charge)
- IS - Il professore disse che la cura era efficace  
(*The professor said that the treatment was effective*)
- MS - Il professore disse che l'acustica era buona  
(*The professor said that the acoustics were good*)
- Exp. 1** - I ragazzi spostarono l'ammasso di rottami ammasso  
(*The boys moved the pile of wrecks*) (pile)
- IS - I ragazzi spostarono la maschera di porcellana  
(*The boys moved the mask of china*)
- MS - I ragazzi spostarono l'amaca nel giardino dello zio  
(*The boys moved the hammock in the garden of the uncle*)
- Exp. 1** - L'amico disse che l'ammenda era salata ammenda  
(*The friend said that the amendment was expensive*) (amend)
- IS - L'amico disse che la meta era lontana  
(*The friend said that the destination was far*)
- MS - L'amico disse che l'ameba è un animale  
(*The friend said that the amoeba is an animal*)

- Exp. 1** - Il portiere disse che l'appalto della Regione era già stato assegnato      appalto  
(*The doorman said that the contract of the district was already assigned*) (contract)
- IS - Il portiere disse che la palma in giardino era malata  
(*The doorman said that the palm in the garden was ill*)
- MS - Il portiere disse che l'apatico ragazzo era sua nipote  
(*The doorman said that the apathetic boy was his nephew*)
- Exp. 1** - Mario non rispose all'appello la mattina scorsa      appello  
(*Mario did not reply to the roll call yesterday morning*)      (roll call)
- IS - Mario non rispose alla perfida zia  
(*Mario did not reply to the perfidious auntie*)
- MS - Mario non rispose all'aperta richiesta d'aiuto  
(*Mario did not reply to the open request for help*)
- Exp. 1** - La nonna raccontò dell'attacco di panico della nipote      attacco  
(*The grandmother told about the panic attack of the niece*)      (attack)
- IS - La nonna raccontò della tavola imbandita per il pranzo natalizio  
(*The grandmother told about the set up table for the christmas lunch*)
- MS - La nonna raccontò dell'atavica residenza estiva  
(*The grandmother told about the ancestral summer home*)
- Exp. 1** - Giulio era l'attore principale della commedia      attore  
(*Giulio was the main actor of the comedy*)      (actor)
- IS - Giulio era la torre della sua squadra  
(*Giulio was the tower of the team*)
- MS - Giulio era latore di cattive notizie  
(*Giulio was the bearer of bad news*)



**Exp. 1** - Cercò la parola avvento sull'enciclopedia avvento  
(*[s/he] looked for the word advent in the encyclopedia*) (advent)

IS - Cercò la parola venere sull'enciclopedia  
(*[s/he] looked for the word Venus in the encyclopedia*)

MS - Cercò la parola avena sull'enciclopedia  
(*[s/he] looked for the word oats in the encyclopedia*)

**Exp. 1** - La zia cercò l'avviso della raccomandata avviso  
(*The aunt looked for the notice of the registered mail*) (notice)

IS - La zia cercò la vigna degli amici  
(*The aunt looked for the vineyard of the friends*)

MS - La zia cercò l'ayito castello di famiglia  
(*The aunt looked for the ancestral castle of the family*)