

Questionnaire for connectives

LiSU team

Follow-up questionnaire Q2

Language: Korean

Inventory of connectives elicited in Q1

Context	Coordinator(s) elicited
A1 Conjunctive, no contrast	ko (kuliko)
A2 Conjunctive, contrast	-ciman
A3 Conjunctive, contrast, negated conjunct	(ani-)la [ani = Neg] -ciman
B1 Disjunctive, with speaker knowledge	-kena (ttonun/animyen) <i>[animyen: higher rate of exclusive 'or' interpretation]</i>
B2-1.1 Disjunctive w/o speaker knowledge, statement, exclusive/unspecified	-kena (ttonun/animyen)
B2-1.2 Disjunctive w/o speaker knowledge, statement, inclusive	-kena (??ttonun/??animyen)
B2-2 Disjunctive w/o speaker knowledge, question	animyen ?ttonun
C1 both clauses false	-to ... ani/anh- ... -ko ... -to ani/anh- ... <i>["to" = additive]</i> <i>["ani/anh" = negation]</i>
C2 free choice	-kena (ttonun/animyen) -ina (ttonun/??animyen)
C3 negation	<i>not elicited</i>

A. Conjunctive connectors:

A1. Connector elicited in the no contrast context

1) *Context (stative, conjunctive, no contrast)*: Susie works as a doctor in a hospital. In her spare time, she gives classes at the local college. You tell your friend about Susie:

✓수지는 의사이고 그녀는 선생님이다.

Susie-nun uysa-i-ko kunye-nun sensayingnim-i-ta
Susie-top doctor-cop-**conj** she-top teacher-cop-decl

✓*Susie-nun uysa-i-ta. (kuliko) kunye-nun sensayingnim-i-ta.*

1a) *Context (disjunctive, with speaker knowledge)*:

You and your friend are playing a game guessing what Susie's job is. Your friend has no clue, and she asks you for a hint. You know that Susie is a doctor, and that she doesn't have any other profession. This is your hint:

#수지는 의사이고 그녀는 선생님이다.

Susie-nun uysa-i-ko kunye-nun sensayingnim-i-ta
Susie-top doctor-cop-**conj** she-top teacher-cop-decl

#*Susie-nun uysa-i-ta. (kuliko) kunye-nun sensayingnim-i-ta.*

1b) *Context (disjunctive, without speaker knowledge)*:

Your friend asks you what Susie's job is. As far as you know, Susie might be a doctor. You're not sure though, it's also possible that she's a teacher. You say to your friend:

#수지는 의사이고 그녀는 선생님이다.

Susie-nun uysa-i-ko kunye-nun sensayingnim-i-ta
Susie-top doctor-cop-**conj** she-top teacher-cop-decl

#Susie-nun uysa-i-ta. (kuliko) kunye-nun sensayingnim-i-ta.

1c) Context (disjunctive, without speaker knowledge, inclusive):

Your friend asks you what Susie's job is. You're not sure. As far as you know, she might be a doctor now, she might be a teacher, she might also be both. You say to your friend:

#수지는 의사이고 그녀는 선생님이다.

Susie-nun uysa-i-**ko** kunye-nun sensayingnim-i-ta

Susie-top doctor-cop-**conj** she-top teacher-cop-decl

#Susie-nun uysa-i-ta. (kuliko) kunye-nun sensayingnim-i-ta.

1d) Context (both clauses false):

Your friend asks you what Susie's job is, but you don't know. However, you know for sure that Susie is not a doctor and that Susie is not a teacher, so you tell your friend:

#수지는 의사이고 그녀는 선생님이다.

Susie-nun uysa-i-**ko** kunye-nun sensayingnim-i-ta

Susie-top doctor-cop-**conj** she-top teacher-cop-decl

#Susie-nun uysa-i-ta. (kuliko) kunye-nun sensayingnim-i-ta.

2) Context (conjunctive, eventive): Paul needs to do some ironing, but he finds it boring, so he turns on the TV to watch his favourite program while he irons.

(juxtaposition example)

폴은 TV를 보고 있고 (그는) 그의 셔츠를 다림질하고 있다.

Paul-un TV-lul po-ko.iss-**ko** (??ku-nun) ku-uy syechu-lul talimchilha-ko.iss-ta.

Paul-top TV-acc watch-prog-**conj** (he-top) he-gen shirt-acc iron-prog-decl

Paul-un TV-lul po-ko.iss-ta. (kuliko) ku-nun talimchilha-ko.iss-ta.

(possibly skip if stative and eventive examples elicited the same coordinator)

2a) Context (disjunctive, with speaker knowledge):

Paul's mother told him to iron his shirts, but Paul is not doing that. Instead, he is watching TV. Paul's sister knows that Paul is watching TV, and when their mother asks her what Paul is doing, she is in a difficult situation. She doesn't want to lie but she also doesn't want to snitch on Paul, so she says that he is doing one of those two things:

폴은 TV를 보고 있고 (그는) 그의 셔츠를 다림질하고 있다.

Paul-un TV-lul po-ko.iss-**ko** (??ku-nun) ku-uy syechu-lul talimchilha-ko.iss-ta.

Paul-top TV-acc watch-prog-**conj** (he-top) he-gen shirt-acc iron-prog-decl

Paul-un TV-lul po-ko.iss-ta. (kuliko) ku-nun talimchilha-ko.iss-ta.

2b) Context (disjunctive, without speaker knowledge):

Paul needs to iron his shirts, but he would much rather watch his favourite TV programme. Paul's sister knows that he is definitely doing one of these things, but she doesn't know which of the two things Paul decided to do. So when her mother asks her what Paul is doing, Paul's sister says:

폴은 TV를 보고 있고 (그는) 그의 셔츠를 다림질하고 있다.

Paul-un TV-lul po-ko.iss-**ko** (??ku-nun) ku-uy syechu-lul talimchilha-ko.iss-ta.

Paul-top TV-acc watch-prog-**conj** (he-top) he-gen shirt-acc iron-prog-decl

Paul-un TV-lul po-ko.iss-ta. (kuliko) ku-nun talimchilha-ko.iss-ta.

2c) Context (disjunctive, without speaker knowledge, inclusive):

Paul needs to iron his shirts, but he would much rather watch his favourite TV programme. Paul's sister knows that he is doing one of these things, but he might also be doing both, as Paul is very good at multitasking. So when her mother asks her what Paul is doing, Paul's sister says:

폴은 TV를 보고 있고 (그는) 그의 셔츠를 다림질하고 있다.

Paul-un TV-lul po-ko.iss-**ko** (??ku-nun) ku-uy syechu-lul talimchilha-ko.iss-ta.

Paul-top TV-acc watch-prog-**conj** (he-top) he-gen shirt-acc iron-prog-decl

Paul-un TV-lul po-ko.iss-ta. (kuliko) ku-nun talimchilha-ko.iss-ta.

2d) Context (both clauses are false):

Paul needs to iron his shirts, but he would much rather watch his favourite TV programme. Paul's mother asks his sister which of these things Paul is doing, but the sister knows that Paul is not ironing and he is not watching TV. She actually saw Paul sleeping on the sofa! Paul's sister says:

폴은 TV를 보고 있고 (그는) 그의 셔츠를 다림질하고 있다.

Paul-un TV-lul po-ko.iss-ko (??ku-nun) ku-uy syechu-lul talimchilha-ko.iss-ta.

Paul-top TV-acc watch-prog-**conj** (he-top) he-gen shirt-acc iron-prog-decl

Paul-un TV-lul po-ko.iss-ta. (kuliko) ku-nun talimchilha-ko.iss-ta.

A2. Connector elicited in the contrast context:

3) Context (*stative*): You live in a place where doctors are wealthy. Susie works as a doctor. She mainly treats patients who cannot pay for their treatment, so Susie earns much less money than other doctors do. You tell your friend about Susie:

(juxtaposition example) not provided

✓Susie-nun uysa-i-ta. Kunye-nun kananha-ta.

kulena is fine here connecting two clauses

3a) Context (*disjunctive, with speaker knowledge*):

You live in a place where doctors as well as people who don't have much money get discounts on public trains. Your friend asks you why Susie paid so little for her last train ride. You know that Susie is not a doctor and that Susie is very poor, but she doesn't want people to know that. Since you don't want to embarrass Susie and you also don't want to lie, you mention two possible reasons for Susie's discount:

#Susie-nun uysa-i-ci.man (kunye-nun) kananha-ta.

Susie-top doctor-cop-**but** she-top poor-decl

#Susie-nun uysa-i-ta. haci.man kunye-nun ...

#kulena

3b) *Context (disjunctive, without speaker knowledge):*

You live in a place where doctors get paid very well and are highly appreciated, and where poor people get a lot of support. For example, doctors as well as people who don't have much money get discounts on public trains. Your friend asks you why Susie paid so little on her last train ride. You don't know anything about Susie, but you can think of two possible reasons:

#Susie-nun uysa-i-**ci.man** (kunye-nun) *kananha-ta*.

Susie-top doctor-cop-**but** she-top poor-decl

Comment: this would be overcommitment

#Susie-nun uysa-i-*ta. haci.man* kunye-nun ...

#kulena

3c) *Context (disjunctive, without speaker knowledge, inclusive):*

You live in a place where some doctors earn very little money and accumulate a lot of debt to finish their studies. So doctors sometimes struggle financially, but they are highly appreciated. Therefore, all doctors get discounts on public trains no matter how much money they have. Besides, all poor people get discounts on trains as well. Your friend asks you why Susie paid so little on her last train ride. You don't know much about Susie, but you can imagine that Susie might be a doctor, she might be poor, she might also be both. You say to your friend:

#Susie-nun uysa-i-**ci.man** (kunye-nun) *kananha-ta*.

Susie-top doctor-cop-**but** she-top poor-decl

#Susie-nun uysa-i-*ta. haci.man* kunye-nun ...

#kulena

3d) *Context (both false):*

You live in a place where all doctors get paid very well and are highly appreciated, and where poor people get a lot of support. In fact, doctors as well as people who don't have much money get discounts on public trains. Your friend asks whether Susie will get a discount. You know that Susie doesn't meet either condition for a discount, so you say:

#Susie-nun uysa-i-**ci.man** (kunye-nun) *kananha-ta*.

Susie-top doctor-cop-**but** she-top poor-decl

#Susie-nun uysa-i-*ta. haci.man* kunye-nun ...

#kulena

Context (eventive): Jen bought a big ice cream cone. Instead of eating it herself though, she gave it to a sad-looking stranger who was sitting by himself on a bench.

(juxtaposition)

Note: If in a language the contrast/stative and contrast/eventive contexts in Q1 elicited different coordinators, additional contexts should be constructed for the episodic cases (and added here). => no contrast between contrast/stative and contrast/eventive in Korean

A3. Connector elicited in the contrast - negated conjunct context:

Context: Paul told his grandmother that he works in a hospital and now his grandma tells everyone that Paul is a doctor. But this is not true, Paul actually works at the reception!

(juxtaposition)

Context: Jen was planning to buy herself some ice cream after work, but the store was all out of ice cream! So Jen decided to buy some chocolate instead.

(juxtaposition)

Note: If in a language the contrast and contrast/negated conjunct contexts in Q1 elicited different coordinators, additional contexts should be constructed for the negated conjunct cases (and added here). => contrast in Korean, test

4a) Context (conjunction; no contrast; no negation in the first disjunct)

Context (stative, conjunctive, no contrast): Susie works as a doctor in a hospital. In her spare time, she gives classes at the local college. You tell your friend about Susie:

Target sentence: Susie is a doctor and she is a teacher.

Susie-nun uysa-la kunye-nun sensayingnim-i-ta
Susie-top doctor-CONJ she-top teacher-cop-decl

Comment: the sentence is in principle grammatical, but has the sense “Because Susie is a doctor, she is a teacher” due to a causal meaning of “la”. It is not clear if the causal *la* and the conjunctive (*ani*)*la* elicited in Q1 are the same item.

4a) Context (conjunction; contrast; no negation in the first disjunct)

Context (stative): You live in a place where doctors are wealthy. Susie works as a doctor. She mainly treats patients who cannot pay for their treatment, so Susie earns much less money than other doctors do. You tell your friend about Susie:

Target sentence: Susie is a doctor but she is poor.

#Susie-nun uysa-la (kunye-nun) kananha-ta.

Susie-top doctor-CONJ she-top poor-decl

Comment: Again, the sentence has the reading “Because she is a doctor, she is poor.”

4a) Context (disjunction with speaker knowledge)

#la

4b) Context (disjunction without speaker knowledge)

#la

4c) *Context (disjunctive, without speaker knowledge, inclusive):*

#la

4d) *Context (both false):*

4d')

Your friend asks you what Susie’s job is, but you don’t know. However, you know for sure that Susie is not a doctor and that Susie is not a teacher, so you tell your friend:

#Susie-nun uysa-ka ani-la kunye-nun sensayingnim-i ani-ta

Susie-top doctor-nom neg-**LA** she-top teacher-nom neg-decl

Susie-nun uysa-ka ani-la sensayingnim-i-ta.

Susie is not a doctor but a teacher.

B. Disjunctive coordinators:

Test all connectives elicited in sections B1 and B2 in the 1st questionnaire (including within question if there is a different one)!

B1. Connector elicited in the disjunctive context with speaker knowledge about which clause is true:

8) Context: You and your friend are playing a game guessing the jobs of Paul and John. She can't think of the answer, and she asks you for a hint. You know that Paul is a doctor, and that John used to be a doctor but is not anymore. So you say:

✓ *Paul-i uysa-i-**kena** (ttonun/animyen) John-i uysa-i-ta.*
Paul-nom doctor-cop-**or** (or/or) John-nom doctor-cop-decl

8a) Context (conjunctive, no contrast):

Your friends Paul and John both work as doctors in a hospital. Your sister asks you what Paul and John do for a living. You say:

#*Paul-i uysa-i-**kena** (ttonun/animyen) John-i uysa-i-ta.*
Paul-nom doctor-cop-**or** (or/or) John-nom doctor-cop-decl
Comment: the speaker is being uncooperative. Truth conditionally compatible.

8b) Context (conjunctive, contrast):

Paul and John are brothers but they used to have very different interests when they were young. Paul was good at science and interested in medicine. John loved art and wrote poems. You are surprised when I tell you that they actually chose the same profession:

#*Paul-i uysa-i-**kena** (ttonun/animyen) John-i uysa-i-ta.*
Paul-nom doctor-cop-**or** (or/or) John-nom doctor-cop-decl

8c) Context (disjunctive, without speaker knowledge):

Your sister asks you what Paul and John do for a living. You know one of them is a doctor but you don't know which one. You say:

✓ *Paul-i uysa-i-**kena** (ttonun/animyen) John-i uysa-i-ta.*
Paul-nom doctor-cop-**or** (or/or) John-nom doctor-cop-decl

8d) Context (disjunctive, without speaker knowledge):

Your sister asks you what Paul and John do for a living. You know at least one of them is a doctor. You can't quite remember though, maybe John is a doctor, maybe Paul is a doctor, maybe both of them are doctors. You say:

?*Paul-i uysa-i-**kena** (ttonun/animyen) John-i uysa-i-ta.*

Paul-nom doctor-cop-**or** (or/or) John-nom doctor-cop-decl

Comment: The sentence has a false implicature (that only one of them is a doctor). But the consultant judges that this sentence is better than 8a.

8e) *Context (both false):*

Paul and John are brothers, and their parents always wished that they would become doctors. Now Paul is a writer and John is a linguist. Their mother says, with disappointment in her voice:

#*Paul-i uysa-i-**kena** (ttonun/animyen) John-i uysa-i-ta.*

Paul-nom doctor-cop-**or** (or/or) John-nom doctor-cop-decl

B2. Connector elicited in the disjunctive context without speaker knowledge about which clause is true

Note: If in a language the disjunctive with speaker knowledge and disjunctive without speaker knowledge contexts in Q1 elicited different coordinators, additional contexts should be constructed for the disjunctive without speaker knowledge cases (and added here).

B2-1-1. Within a statement (exclusive/unspecified)

Context: You have lost your phone. You remember it at your work office desk before cycling home. You tell your friend:

(juxtaposition)

Context: John was a doctor until very recently, but changed career after burnout. He became a musician or a writer after he quit, but you can't remember which one.

Context: John used to be a doctor and a professional writer, but he recently quit (only) one of the professions. You don't know which profession he quit.

(juxtaposition)

B2-1-2. Within a statement (inclusive)

B2-2. Within a question

13a) *Context:*

You have lost your phone. You tell a friend that you remember having it last either on the bus coming home from work, or at your work office desk. Your friend asks you:

(test disjunctive connectors not elicited in Q)

kena
animyen
?ttonun

ne-nun ne-uy phon-ul hoy-a-ey twu-ess-ni animyen/?ttonun pesu-ey twu-ess-ni?
you-top you-gen phone-acc company-at leave-past-Q **or** bus-at leave-past-Q
=> AltQ (cannot be answered with yes or no)

*ne-nun ne-uy phon-ul hoy-a-ey twu-ess-**kena** pesu-ey twu-ess-ni?*
you-top you-gen phone-acc company-at leave-past-**or** bus-at leave-past-Q
=> yes/no question (can be answered with yes or no)

C. Other connectors:

C1. Connector elicited in the context where both clauses are false

14) *Context:* Paul works in a hospital. He is not a doctor and he is not a nurse. He works at the reception. When your friend asks you what Paul's job is, you tell her:

(juxtaposition)

14a) *Context (conjunctive, no contrast):*

Paul works in a hospital. In this hospital, it is normal that qualified doctors like Paul also do the work of nurses, so all doctors are nurses at the same time. When your friend asks you what Paul does for a living, you say:

14b) *Context (conjunctive, contrast):*

Paul works as a doctor in a hospital. The hospital is terribly understaffed. Now there is a huge crisis because several nurses have quit their jobs at the same time. In addition to his normal

tasks as a doctor, Paul now also has to do the nurse's jobs. Paul's sister never gets to see him anymore, she tells you:

14c) Context (*disjunctive, with speaker knowledge*):

You and your friend are playing a game guessing the jobs of different people. She can't guess what Paul does, and she asks you for a hint. You know that Paul works as a doctor (and nothing else), so this is your hint:

14d) Context (*disjunctive, without speaker knowledge*):

Your friend asks you what Paul does for a living. You always confuse Paul with his brother Peter. One of them is a nurse and one is a doctor, but you can't remember which of the two professions Paul has. You say:

14e) Context (*disjunctive, with speaker knowledge, inclusive*):

Paul works in a hospital. In this hospital, some qualified doctors also do the work of nurses, so some doctors are nurses at the same time. But there are also employees who only work as doctors as well as employees who only work as nurses. You don't remember which of these arrangements applies to Paul. As far as you know, Paul might be a doctor, he might be a nurse, he might also be both. When your friend asks you what Paul does for a living, you say:

C2. Free choice

Context: There are two sweets on the table. A cupcake and a cookie. Paul can choose either one of them but not both. You don't care which one he chooses.

(test all disjunctive connectives if several disjunctive connectives were elicited in Q1, if conjunctive connective elicited in Q1, follow up to check for disjunctive unless already tested in Q1)

C3. Disjunction under negation

Context: Susie always wanted to be a doctor, and she always loved running. When she was a kid, she dreamt of a double-career as a doctor and a professional runner. Unfortunately for Susie, neither of these plans worked out. She works a job she doesn't like and she has no time for running.

Target sentence: Susie isn't a doctor or a runner. (= It's not the case that Susie is a doctor or that Susie is a runner.)

Summary table

core form	full form	negation	A1	A2	A3	B1	B2-1.1	B2-1.2	B2-2	C1	C2	notes
-ko	-ko	neither	1*	N/A	N/A	0	0	0	N/A	0	N/A	
kuliko	kuliko	neither	1*	N/A	N/A	0	0	0	N/A	0	N/A	
-ciman	-ciman	neither	N/A	1*	1	0	0	0	N/A	0	N/A	elicited only in the episodic context in A3
haciman	haciman	neither	N/A	1*	N/A	0	0	0	N/A	0	N/A	
kulena	kulena	neither	N/A	1	N/A	0	0	0	N/A	0	N/A	
la	(ani-)la	neither	0	0	1*	0	0	0	N/A	0	N/A	
-kena	-kena	neither	0	0	N/A	1*	1*	1*	1	0	1*	has a exclusive implicature
ttonun	-kena ttonun	neither	0	0	N/A	1*	1*	?	?	0	1*	

anim yen	-kena animy en	neit her	0	0	N/A	1*	1*	?	1	0	1*	higher rate of exclusive 'or' interpretation
anim yen	animy en	neit her	N/A	N/A	N/A	N/A	N/A	N/A	1*	N/A	N/A	
ttonu n	ttonun	neit her	N/A	N/A	N/A	N/A	N/A	N/A	?	N/A	N/A	
...ko ...	-to ... NEG- ... -ko ... -to NEG- ...	bel ow	N/A	N/A	N/A	N/A	N/A	N/A	N/A	1*	N/A	
-ina	-ina	neit her	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	1*	
ttonu n	-ina ttonun	neit her	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	1*	
anim yen	-ina animy en	neit her	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	?	
∅	∅	neit her	1	1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	

Instructions:

The table has connective expressions as rows and their properties (compatibility with specific contexts and other syntactic properties) as columns. **Mark the items that are elicited in Q1 with an asterisk * in the original context in which it was elicited.**

Core/full form columns

If an expression consists of multiple morphosyntactic elements, we identify the core element among them. The core element is entered under the “core form” column while the full form is entered under the “full form” column.

There are some (soft) principles for identifying the core element:

- Choose an element that is more specific in terms of the semantic coverage (in terms of the contexts it is compatible with) as the core element.

- When choosing between a particle that attaches to component clauses (conjuncts/disjuncts) and an element that intervenes between clauses, choose the latter as the core element.

The Negation column

Under the negation column, one enters information about the presence of negation in the full form. The possible response options are:

- Above: negation appears syntactically above the coordination
- Below: negation appears in each conjunct/disjunct
- Neither: otherwise

Columns A3-C2

Under these columns, one enters either 1 or 0 to indicate the compatibility of the full form with the contexts.

Remarks about specific columns:

A3. Contrast - negated conjunct

This is relevant only if the language has a contrast between the connective elicited in A2 and A3 (the *aber/sondern* contrast in German) in the Q1 results. If it turns out that the language does not have this contrast, we enter 1 under the A3 column for the connective that has been elicited in Q1, and enter N/A in other rows.

C2. Free choice

It is considered given that the elicited form involves a modal *scoping above* the coordination. So, do *not* consider a full form involving a modal. This means that, in English for example, the core form *or* is marked as 1 under C2, in light of examples like “Paul can eat a cookie or a cake”.

C3. Disjunction under negation

This context is used only if there is a dedicated connective found to be compatible with C1. Otherwise, there is no need to create a column for this context.

