INFINITIVES: A UNION OF THETA THEORY, SEMANTICS, STRUCTURE, AND CASE

(PRETTY MUCH EVERYTHING THAT’S IMPORTANT IN SYNTAX)

13-15 February
Our Roadmap

• Overview of the different types of infinitives.
• Tense inside infinitives...yes, really.
• They're not all CPs! (a look at English, Icelandic, Hindi-Urdu)
• Exceptional Case Marking vs Raising to Object.
• Can PRO get Case? Another Look at Icelandic.
1. Most citizens understand the Constitution of the United States to enumerate certain fundamental rights.
2. What do most citizens understand the Constitution of the United States to enumerate?
5. Many people told the founders what to enumerate in the Constitution of the United States.
The semantics and morphology of infinitives interact with some of the most fundamental aspects of syntactic theory – e.g., the Theta Criterion and the Case Filter.

The subject has not overtly realized in many infinitives and the verb does not show agreement morphology in many languages.
TYPES OF INFINITIVES

- **Raising**: Subject of the main clause is semantically related to the verb in the embedded clause, but not to the verb in the main clause.
  - Verb in the main clause does not have a theta role for a subject.

- **Control**: Subject/object of the main clause is semantically related to the verbs in both the main clause and the embedded clause.
  - Both the main and embedded clause verbs have theta roles for subjects.

- **Exceptional Case Marking (ECM)**: DP that “looks” like the object of the main clause is actually semantically related to the verb of the embedded clause.
  - Both the main and embedded clause verbs have theta roles for subjects.
  - Debate about whether these are actually “raising to object.” (We’ll return to this.)
1. Barnett seemed to understand the formula.  
   **Raising**
2. Barnett tried to understand the formula.  
   **Subject Control**
3. Barnett persuaded the doctor to examine Tilman.  
   **Object Control**
4. Barnett believed the doctor/her to have examined Tilman.  
   **Exceptional Case Marking**
5. Barnett promised the doctor to examine Tilman.  
   **Subject Control (a special case)**

[Davies and Dubinsky 2004, CH 1, EX 1-5]
1. Barnett seemed to understand the formula.  
   **Raising**

2. Barnett tried [Barnett] to understand the formula.  
   **Subject Control**

- In (2), *Barnett* is the agent of the trying and of the understanding.
- The technical term for the silent DP is **PRO**. PRO is argued to not get case. Hence, its silence.
  - Barnett$_i$ tried [PRO$_i$ to understand the formula].
  - Barnett seemed [Barnett to understand the formula].
  - **No PRO in the seem sentence.** There is only one semantic subject.

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**The Case Filter:** All DPs must be marked with a Case in order to be pronounced.

- Case is a necessary, not sufficient condition for pronunciation.
- Silent subjects in pro-drop languages.
- Op in relative clauses.
NEW: OBJECT CONTROL VS EXCEPTIONAL CASE MARKING

3. Barnett persuaded the doctor\textsubscript{i} [PRO\textsubscript{i} to examine Tilman]. **Object Control**
   - Object Control constructions are ditransitive.
   - The doctor is both the object of persuade and the subject of examine.
   - The doctor cannot get case in the embedded clause and is represented by PRO.

4. Barnett believed [the doctor/her to have examined Tilman]. **ECM**
   - ECM constructions are transitive.
   - The embedded subject is accusative. Non-finite T doesn’t assign nominative, so the embedded subject gets accusative from the verb in the main clause.
   - No PRO in ECM constructions. The verb in both the main clause and the verb in the embedded have semantic subjects and each subject is pronounced.
The Odd Case of “Promise”

5. Barnett promised the doctor to examine Tilman. Subject Control

- Like persuade, promise is ditransitive.
- Usually, the DP that is closest to PRO is coreferential with PRO.
  *The professor\textsubscript{i} convinced the students PRO\textsubscript{i} to draw intricate syntax trees.

- With promise, the subject reaches across the object to control PRO.
  Barnett\textsubscript{i} promised the doctor PRO\textsubscript{i} to examine Tilman.
**Expletive/Pleonastic Subjects**

**Allowed with Raising Infinitives**

It seemed to be raining.

There seems to be a unicorn in the garden. [Davies and Dubinsky, EX 18]

- Can also have an expletive subject of a finite embedded clause.
  - It seems that there is a unicorn in the garden.

**Not allowed with Control or ECM Infinitives**

*It tried to be raining.

*There tried to be a unicorn in the garden. [Davies and Dubinsky, EX 19]

- Ruled out by s-selection requirements. *Try* needs a semantically contentful and agentive subject.

*It finds the professor her students to be diligent.

- There aren’t syntactic positions for both the expletive and the semantic subject.
- And no need to insert the expletive because there is a “real” subject.
Other Distinctions Between Raising and Control...

Embedded passivization

- **Raising**, there can be an embedded passive. Constructions with the embedded passive have a very similar meaning to their active counterparts.

1. Barnett seemed to have read the book.
2. The book seemed to have been read by Barnett.  
   [Davies and Dubinsky 2004, EX 8]

- **Control**, the active-passive pairs have different meanings or the embedded passive is not allowed.

3. The doctor tried to examine Tilman.
4. Tilman tried to be examined by the doctor.
5. Barnett tried to read the book.
6. ?The book tried to be read by Barnett.  
   [EX 8-10]
IDIOM CHUNKS

- Idioms are allowed with raising and ECM, but not with control.

1. The cat seemed to be out of the bag.
2. Tina believed the cat to be out of the bag by now.
3. ? The cat tried to be out of the bag.
4. ? Tina persuaded the cat to be out of the bag. [EX 23-24]
Entailment Test

- Barnett would prefer the doctor to examine Tilman.
  - ECM. Preferring the doctor to examine Tilman does not entail preferring the doctor.
  - Barnett might hate the doctor and have an actual preference for every other human being except in the context of examining Tilman.

- The referee ordered the players to redo the last play.
  - Object control. Ordering the players to redo the last play entails ordering the players.
1. Misato wanted to eat durian.

2. Misato wanted (for) him to eat durian. ECM

3. Junko preferred to eat natto.

4. Junko preferred (for) me to eat natto. ECM

[Johnson, 2011 CH 3, EX 143-144]

- For here is a prepositional complementizer. It forms a constituent with the entire clause.
  - In clefts, one constituent can reside between it's and that.
    - It’s for him to eat chocolate that Sally would prefer.
    - *It’s [to him] [how to eat chocolate] that Sally should explain. [EX 153]
      - Deep structure = Sally should explain how to eat chocolate to him.
      - The sentence is out because two constituents – the clause “how to eat chocolate” and the PP “to him” are between it’s and that.
  
- Johnson (2011) notes that the optionality of for is similar to the optionality of that.
  - Sally said (that) he eats chocolate.
  - If for is in the structure, it assigns case. (In my grammar, ‘for’ is optional in (2) and required in (4)).

Ling 216 ~ Winter 2019 ~ C. Ussery
a. K-peinzen da-me (wunder) morgen goan.
   1sg-think that-1pl (we) tomorrow go
   ‘I think that we’ll go tomorrow.’

b. K-peinzen da-j (gie) morgen goat.
   1sg-think that-2sg (you) tomorrow go
   ‘I think that you’ll go tomorrow.’ [Corbett 2006:50]


**Sidebar**

- Complementizers can behave in other interesting ways.
- For instance, in West Flemish (spoken in Belgium, The Netherlands, France) complementizers agree with subjects.
There are four types of infinitives:

- Raising
- Subject Control
- Object Control
- Exceptional Case Marking

Raising, Control, and ECM are distinguished by their semantics:

- Raising matrix verbs do not have a semantic subject. Control and ECM matrix verbs do.
- An entailment test can distinguish between Object Control and ECM.
TENSE, INFINITIVES, AND CLAUSE SIZE

Some embedded clauses are *bigger* than others.
But First... A Digression Through Other Smaller Clauses

1. a. She will let [them make a cabinet]. = VP
b. They will make [them angry at me]. = AP [EX 65b]
c. She saw [them in the dark room]. = PP [EX 69b]
d. The baby-sitter wants [those kids in the bathtub] = PP
e. The review committee determined [him unethical]. = AP
f. The shady used-car salesman let [the naïve couple negotiate an awful deal]. = VP

- Johnson argues that these are small clauses and not TPs because we can’t get the material that appears in T inside of these clauses.

2. a. *I will let her should make a cabinet.
   b. *I will let her to make a cabinet.
   c. *I will let her makes a cabinet.
   d. *She saw them to be in the next room.

   [Some examples from Johnson 2011, EX 65, 67, 69]
The semantic subject of a “big” clause starts off in Spec,VP.

The semantic subject of a “small” clause starts – and remains in – the specifier of whatever phrase the clause is.

**SMALL CLAUSES ARE SEMANTICALLY COMPLETE**
One of the crucial tasks in analyzing infinitives is to figure out whether/how the differences in semantic relationships translate to differences in structure.

Spoiler:

- Control infinitives are CPs!
- Raising and ECM infinitives are TPs!
“IT IS TRUE THAT TO-INFINITIVES LACK THE MORPHOLOGICAL FEATURE [+PAST], BUT THIS DOES NOT NECESSARILY IMPLY THAT THEY LACK A TENSE OPERATOR...THE TENSE OF A TO-INFINITIVE IS THAT OF A POSSIBLE FUTURE.”

[STOWELL 1982:562]
Main Idea: Tensed complements, infinitives, and gerunds have different interpretations.

(1): Finite complements have their own tense specification.
- (1a): remembering is in the present and visiting is in the unrealized future.
- (1b): wondering is in the present and going is in the past.
- (1c): is tricky. There is an infinival complement inside the embedded finite clause.
  • We talked about [what_i we ought [ to do t_i]].
  • The talking is in the past and the “to do” is in the unrealized future with respect to “ought.”

(2): The tense of the control clause is unrealized w.r.t. to the tense of the matrix clause.
- In (2a)/(2b), the tense in the matrix clause is present.
- In (2c), the matrix tense is past.
- Both the embedded finite clause in (1) and the embedded control clause in (2) contain a WH.
- The WH moves to an embedded Spec,CP.

Finite clauses and control clauses are CPs.

(1) a. I don’t remember who we should visit.
   b. I wonder where he went.
   c. We talked about what we ought to do.

(2) a. I don’t remember who to visit.
   b. I wonder where to go.
   c. We talked about what to do.
The gerunds in (3) are bad because they don’t have a CP projection to house the moved WH word. But why???

(3) a. *I don’t remember who (our) visiting.
b. *I wonder where (his) going.
c. *We talked about what doing.
Properties of Gerunds

- No for complementizer
  - I hoped for you to meet my parents.
  - *I hoped for your meeting my parents.

- No WH movement
  - WH movement is possible with finite (5a) and control relative clauses (5b), but not with gerunds (5c).

(5) a. The table on which you should put your coat is in the next room.
    b. The table on which to put your coat is in the next room.
    c. *The table on which putting your coat is in the next room.

Gerunds are TPs.
No tense specification of their own

*Control – independent unrealized tense*

- (8a): Jenny has not brought the wine at the point in time when she remembers to do so.
- (9a): Jim does not succeed in locking the door when he tries to do so.

*Gerunds – tense dependent on the matrix clause*

- (8b): The bringing happened prior to the remembering, but both happened in the past.
- (9b): The tense is ambiguous between present and unrealized w.r.t. the matrix.

Even though a gerund can have an unrealized tense, gerunds do not have an inherent “internally determined tense and therefore...its understood tense is determined externally by the semantics of the control verb.” [p.563]
WAY BACK IN 1982...SYNTACTIC STRUCTURES LOOKED SOMETHING LIKE THIS:

\[
S' \quad \rightarrow \quad \text{COMP} \quad \rightarrow \quad S \quad \rightarrow \quad \text{NP} \quad \rightarrow \quad \text{TP} \rightarrow \text{VP}
\]

The structure for control clauses

\[(10) \quad [s' [e] [s \text{ PRO to VP}] \]

- \( S' = CP \)
- \( S = TP \)
- \( [e] = \text{empty category – the silent complementizer here} \)

Stowell’s analysis:
Finite clauses and (control) *to-infinitives* contain a C position (hence, a CP projection) and they contain a tense operator which resides in/has a relationship with the C position.

“…the Comp position is where tense operators must appear, at some level of grammatical representation.” (p.563)

IMPORTANT: Even though the formalism has changed throughout the years, the fundamental idea that there might be structural differences between different types of infinitives persists throughout current syntactic literature.

No S’ for Stowell means no CP for us.
(11) is object control: case is assigned to the object by the matrix verb

- No case is assigned to PRO.
- CP (S’) blocks the relationship.
- Object control is like subject control: CP structure.

(10) $[s \cdot [e] \cdot [s \text{ PRO to VP}]]$

(11) a. John convinced his friends to leave.
   b. Sally persuaded her son to buy the camera.
   c. Frank advised the teacher to inflate the grades.
   d. Jim reminded Jenny to lock the door.
(12)/(13) are ECM: case assigned to the subject of the embedded clause by the matrix verb
- No CP (S’) to block the relationship.

In ECM, the tense of the non-finite clause is dependent on the meaning of the matrix verb.

Tense in ECM patterns like tense in gerunds; it’s dependent on the higher verb.
- Present in (12)
- Future in (13a); Past in (13b)
- In (11), each control infinitive had its own unrealized tense.

(12) a. Bill considers [himself to be the smartest].
    b. The boys found [them to be amusing].
    c. Jane showed [the solution to be trivial].

(13) a. I expect John to win the race.
    b. I remember John to be the smartest.

If there were a null complementizer, the tense interpretations should pattern like control infinitives, not like gerunds.
1. Sally told Jim how to eat chocolate.
2. Sally asked when to leave.
3. Sally decided when to leave.
4. Sally wondered what to eat.

5. Sally told Jim whether to eat chocolate.
6. Sally asked whether to leave.
7. Sally decided whether to leave.
8. Sally wondered whether to eat chocolate.

[Johnson 2011, CH 3, EX 143-144]

- *Whether* is a complementizer (but not a prepositional complementizer like *for*).
RAISING AND ECM INFINITIVES CANNOT HAVE MATERIAL IN THE CP PROJECTION

1. *John appears when/whether to eat chocolate.
2. *John seems when/whether to have left.
3. *John is likely how/whether to dance.
4. *Jill believes when/whether Sean to leave work.  
   [based on Johnson 2011, CH 3 EXs 146-148]

- But…the issue might be semantic.
- The meaning of raising and ECM verbs might forbid them from s-selecting for an interrogative embedded clause.

- With control infinitives, the WH can be positioned inside the embedded clause or in the main clause and this maps to a difference in meaning.

- Sally told Jim how to eat chocolate.  
  How refers to the act of eating
- How did Sally tell Jim to eat chocolate?  
  How refers to the act of telling
1. *John appears when/whether to eat chocolate.
2. *John seems when/whether to have left.
3. *John is likely how to dance.
4. *Jill believes when Sean to leave work.  
   [based on Johnson 2011, CH 3 EXs 146-148]

- Not the same contrast for raising infinitives. The sentences below have the same meaning as (1)/(3), if (1)/(3) were good.
  - *When does John appear to eat chocolate?  How is John likely to dance?*

- I *think* the judgments are murkier for ECM clauses, but I think I get the same meaning for the sentence below as I would get for (4) if it were grammatical.
  - *When does Jill believe Sean to leave work?*

- **The Point:** There might be something else going on with (1)-(4) that rules out the embedded question.
In Icelandic, embedded finite clauses begin with the complementizer að...

1. María segir að þú hafir lesið bókina.
   Mary.nom says that you.nom have read book.the.acc
   ‘Mary says that you have read the book.’

...and so do control infinitives...

2. María lofaði að lesa bókina.
   Mary.nom promised that to.read book.the.acc
   ‘Mary promised to read the book.’ [Johnson 2011, CH 3, EX 145]

...but not raising infinitives.

3. *María hafði virst að hafa vaskað upp diskana
   Mary.nom had seemed that to.have washed up dishes.the.acc
   ‘Mary had seemed to have washed up the dishes.’

4. María hafði virst hafa vaskað upp diskana
   Mary.nom had seemed to.have washed up dishes.the.acc
   ‘Mary had seemed to have washed up the dishes.’ [Johnson 2011, CH 3, EX 149]
ECM infinitives cannot have að either.

1. Við teljum frambjóðendurna vera frambærilega.
   we.nom believe candidates.the.acc be pretty good
   ‘We believe the candidates to be pretty good.’ [Thráinsson 2007:414]

2. *Við teljum að frambjóðendurna vera frambærilega.
   we.nom believe that candidates.the.acc be pretty good
   ‘We believe the candidates to be pretty good.’

Both English and Icelandic provide suggest that raising and ECM clauses lack CP projections.

**Another Clause-Size Distinction: Agreement in Hindi-Urdu**

- Hindi-Urdu is a split Ergative language.
- Perfective aspect = Ergative subject. Otherwise, the subject is Nominative (or Dative).
- Nominative and Accusative are not morphologically marked.
- Ergative is marked with the suffix –*ne*.
- Participals and auxiliaries agree with the highest argument of the verb that is not overtly case-marked.
- Agreement with the subject in (1) and agreement with the object in (2).

1. Rahul kitaab parh-taa thaa
   Rahul.masc. book.fem read-hab.masc.sg be.past.masc.sg
   ‘Rahul used to read (a/the) book.’

2. Rahul-ne kitaab parh-ii thii
   ‘Rahul had read the book.’ [Bhatt 2005, EX 2]

AGREEMENT AND INFINITIVAL COMPLEMENTS

- In long distance agreement (LDA), the verb agrees with an argument that is not its own. A matrix verb agrees with an embedded object.
- LDA can only occur in Hindi-Urdu if the matrix clause has an Ergative subject.
- If the matrix clause has a Nominative subject, the matrix verb has to agree with it (because the Nominative is the highest unmarked argument).

1. No LDA: Verb in the main clause agrees with the subject in the main clause.
   Shahrukh [tehnii kaat-naa/*nii] chaah-taa thaa
   Shahrukh.masc branch.fem cut-inf.masc/*fem want-impfv.masc.sg be.past.masc.sg
   ‘Shahrukh wants to cut the branch.’

2. No LDA: Main clause verb cannot agree with embedded object.
   *Shahrukh [tehnii kaat-naa] chaah-tii thii
   Shahrukh.masc branch.fem cut-inf.masc want-impfv.fem.sg be.past.fem.sg
   ‘Shahrukh wants to cut the branch.’ [Bhatt 2005, EX 7]
LONG DISTANCE AGREEMENT

- When there is an embedded infinitival clause and the subject in the main clause is Ergative, the main clause verb optionally agrees with the embedded object.
  - When the main clause verb agrees, so does the infinitive. = 1
  - When the main clause verb is in the default, so is the infinitive. = 2

1. Main clause verb and infinitive agree with embedded object.

Shahrukh-ne [tehnii  kaat-nii/*naa]  chaah-ii  thii.
Shahrukh-erg  branch.fem cut-inf.fem/*/masc  want-pfv.fem  be.past.fem.sg
‘Shahrukh had wanted to cut the branch.’

2. Main clause verb and the infinitive are in the default (masculine).
   [Not actually agreement w/subject, because it's ergative.]

Shahrukh-ne [tehnii  kaat-naa/*nii ]  chaah-aa  thaa.
Shahrukh-erg  branch.fem cut-inf.masc/*/fem  want-pfv.masc.sg  be.past.masc.sg
‘Shahrukh had wanted to cut a/the branch.’  [Bhatt 2005, EX 6]
Bhatt proposes that in (1), the infinitival complement is *smaller than a full CP*, so it’s “permeable.”

The T in the matrix clause can cross into the embedded clause to establish a relationship with the embedded object.

The consequence is that all verbs agree with the embedded object.

\[
\text{Shahrukh-ne } [_{xp} \text{tehnii } \text{kaat-nii/}\text{*naa}] \text{ chaah-ii thii.} \\
\text{Shahrukh-erg } \text{branch.fem cut-inf.fem/}\text{*masc want-pfv.fem be.past.fem.sg}
\]

‘Shahrukh had wanted to cut the branch.’

The proposal: Not all control infinitives are full CPs.
• In (2), the embedded clause is a CP and is not permeable.

• The matrix T cannot establish a relationship with the embedded object, and the consequence is that all verbs appear in the default form. (They agree with nothing.)

Shahrukh-ne [CP tehnii kaat-naa/*nii ] chaah-aa thaa.
Shahrukh-erg branch.fem cut-inf.masc/*fem want-pfv.masc.sg be.past.masc.sg
‘Shahrukh wanted to cut a/the branch.’

• There is also a slight meaning difference. In the LDA construction, there is emphasis on the embedded object.

Want c-selects for a CP in the second sentence and c-selects for something smaller in the first sentence.
Restructuring infinitives (RIs) are smaller than CPs. For our present purposes, they can be TPs or VPs.

Because RIs are “structurally deficient”, they’re permeable to “outside” operations.

A head in the matrix clause can have a relationship with a head or phrase in the embedded clause.

**SIDEBAR:** For proposals which argue that restructuring clauses are VPs, there’s evidence suggesting that negation cannot appear inside the embedded clause. This makes sense, since negation is higher than VP.

Syntax trees are like Tinder. You have to be sufficiently close in order to hook up. 😊
a. John-ga migime-dake-o tumureru  
John-Nom right-eye-only-Acc close-can  
‘John can close only his right eye’

- John has the ability to close only his right eye, and leave his left eye open.
  - In technical terms, can scopes over only. Can is higher in the tree.

- John₁ [CP PRO₁ right-eye-only close] can

- Accusative is assigned by the embedded verb to the embedded object.

b. John-ga migime-dake-ga tumureru
   John-Nom right-eye-only-Nom close-can
   ‘John can close only his right eye’
   only > can

- Only John’s right eye can close; his left eye cannot close.
  - In technical terms, only scopes over can. Only is higher in the tree.

- John \_ right-eye-only\_i \_ XP \_ t\_i close] can

- The embedded object escapes the embedded clause and moves to a position in the higher clause, where it is assigned nominative by T.
  - Yes, shocker! It is argued that T here assigns nominative to both the subject and the object.

A DP “ESCAPING” THE EMBEDDED CLAUSE LEADS US TO THE ECM VS RAISING-TO-OBJECT DEBATE...
On a Raising-to-Object analysis, the subject moves out of the lower clause to a position in the higher clause. One piece of support for this approach comes from passivization.

- (There are other arguments based on reflexives. We’ll come back to that in the unit on Binding Theory.)

A PASSIVE PUZZLE

a. Jack believed Joan to be famous.
b. Joan was believed to be famous.
c. Joan appeared to have lots of money.
d. *Joan was appeared to have lots of money.

If the complements of both believe and appear are TPs and the subject of the lower clause can be passivized with believe, why not with appear?
Maybe the subject of the complement of *believe* actually moves to an object position in the higher clause and that’s why it can be passivized.

BUT, it’s not a semantic object, so where does it go??

So, some position which intervenes between V and TP has to be “created.” Hmmm….

Problematic because it violates the Projection Principle.

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The Projection Principle:
Representations at each syntactic level are projected from the lexicon in that they observe the subcategorization properties of lexical items. (Reworded from Johnson 2011)

OR, as stated in Carnie:

Lexical information (such as theta roles) is syntactically represented at all levels. (Carnie, Ch 8, EX 31)
The ECM Analysis: We’re left with no explanation for the contrast between being able to passivize the embedded subject to the complement of believe but not the embedded subject to the complement of appear.

The Raising-to-Object Analysis: We violate the Projection Principle and “create” structure that wouldn’t otherwise be there.
- Clauses come in different “sizes and this idea is used to explain a variety of facts.

- Icelandic was one language which provided support for a big clause/smaller clause distinction.

- Icelandic was our friend. It’s now about to crush us…
a. Strákarnir komust allir í skóla.
   boys.the.nom got all.nom.pl.masc to school.Dat
   'The boys all got to school.'

b. Strákana vantaði alla í skólann.
   boys.the.acc lacked all.acc.pl.masc to school.Acc
   'The boys all were absent from school.'

c. Strákunum leiddist öllum í skóla.
   boys.the.dat bored all.dat.pl.masc in school.Dat
   'The boys all felt bored in school.'

d. Strákanna var allra getið í ræðunni.
   boys.the.gen were all.gen.pl.masc mentioned in speech.the.Dat
   'The boys all were mentioned in the speech.'
...AND THE QUANTITY AGREES IN NON-FINITE EMBEDDED CLAUSES AS WELL.

a. Strákarnir vonast til að komast allir í skóla.
   boys.the.nom hope for that to get all.nom.pl.masc to school.Dat
   ‘The boys all hope to get to school.’

b. Strákarnir vonast til að vanta ekki alla í skólann.
   boys.the.nom hope for that to lack not all.acc.pl.masc to school.Acc
   ‘The boys all hope not to be absent from school.’

c. Strákarnir vonast til að leiðast ekki öllum í skóla.
   boys.the.nom hope for that to bore not all.dat.pl.masc in school.Dat
   ‘The boys all hope not to be bored in school.’

d. Strákarnir vonast til að verða allra getið í ræðunni.
   boys.the.nom hope for that to be all.gen.pl.masc mentioned in speech.the.Dat
   ‘The boys all hope to be mentioned in the speech.’
OUR WORLD IS SHATTERED!!!
The four types of infinitives are Raising, Subject Control, Object Control, and Exceptional Case Marking.

Raising matrix verbs do not have a semantic subject. Control and ECM matrix verbs do.

An entailment test can distinguish between Object Control and ECM.

Raising and ECM (and gerunds) have TP complements.

Control has a CP complement.

Clause-size differences have been proposed to account for various agreement/case phenomena.

In ECM, it’s unclear if the semantic subject of the lower clause moves into an object position in the higher clause.

Case patterns in Icelandic infinitives suggest that PRO actually has case.
1. The FBI showed few of its trainees were actually spies.
2. The syntax professor told her former student where to attend graduate school.
3. The children did not regret making the nanny angry.
4. The investigators were instructed to conduct thorough background checks.
5. How is John likely to dance at the next mid-winter ball?
6. The DNA evidence proved the defendant guilty but the statute of limitations made him a free man.
7. When did Skyler suspect Hank to actually be a drug dealer?
8. The Patriots were expected to win the Super Bowl when they advanced to the big match-up.