The Semantics of RĀ: Let's be more specific!

Masoud Jasbi Stanford University • Definiteness = existence presup + uniqueness presup.

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- In Farsi, Ra provides the existence presupposition.
- The uniqueness presupposition is provided by the absence of indefinite markers.
- Rā's existence presupposition is compatible with indefinites.

Previously on RĀ ...

Semantic Accounts of RĀ

1. Specific

- Epistemic
- Scopal
- 2. Definite

3. Existentially Presupposed

- Topical (secondary) (Dabir-Moghaddam, 1992; Dalrymple and Nikolaeva, 2011)
- Identifiable
- Partitively Specific
- Existentially Presupposed

(Mahootian, 1997), among others

(Shokouhi and Kipka, 2003)

(Karimi, 1999, 2003) (Ghomeshi, 1996)

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COMMON GROUND is the mutually recognized shared information between the speaker(s) and the addressee(s). (Stalnaker, 1978)

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An implication is **PRESUPPOSITIONAL** if it is entailed or implied by the COMMON GROUND.

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A nominal that **presupposes** the **existence** and **uniqueness** of its descriptive content is DEFINITE. (Russell, 1905; Strawson, 1950)

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A nominal that **presupposes** the **existence** of its descriptive content is EXISTENTIALLY PRESUPPOSED.

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	[[NP]] =	0	1	2+
Common Ground Status	Presupposed		Definite	Existentially Presupposed
	At-issue		Specific	Indefinite



Which hypothesis best covers the ra data?

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- 1. Epistemic: the speaker has a fixed referent in mind.

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- 2. Scopal: the referent is fixed with respect to other semantic operators (wide scope).
- Neither work for rā.

 Rā appears on nominals that are not epistemically specific. (Rā ⇒ Epistemically Specific) Rā appears on nominals that are not epistemically specific.
(Rā ≯ Epistemically Specific)

Example

(1) Context: My three-year-old cousin takes my phone and accidentally deletes a picture. I see that my pics are 99 instead of 100 but I don't know which picture is deleted:

ne-mi-dun-am kodum aks-o in bache pāk karde NEG-MI-know-1.SG which pic-OM this kid clean do.PST.3.SG

"I don't know which picture this kid has deleted."

 Rā appears on nominals that are not epistemically specific. (Rā ≠ Epistemically Specific)

Example

(2) Context: There are some plates on the table.

ye boshqāb-o be-de пр plate-ом give

"Give me a plate!"

 Epistemically specific referents can appear without Rā. (Epistemically Specific ≠ Rā) Epistemically specific referents can appear without Rā. (Epistemically Specific ≠ Rā)

Example

(3) diruz ye xune did-im tu Fereshteh yesterday ID house see.PST-3.PL in Fereshteh "We saw a house in Fereshteh yesterday."

Rā appears on nominals that are not scopally specific (are not wide scope).
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Example

(4) Context: Dance Class; Equal number of girls and boys. Boys have to choose partners.

```
har pesar-i ye doxtar-o entexāb kard
each boy-IC ID girl-OM choose do.PST-3.PL
```

```
"Every boy chose a girl." (\forall > \exists)
```

Rā appears on nominals that are not scopally specific (are not wide scope).
 (Rā ≠ Scopally Specific)

Example

(5) Context: Maryam has three job offers. She has to pick one by tomorrow.

mi-xād ye kār-o tā fardā qabul kon-e vali MI-want3.SG ID job-OM until tomorrow accept do.PST-3.PL but hanu ne-mi-dun-e kodum-o yet NEG-MI-know-3.SG which-OM

"She wants to accept a job by tomorrow but she still doesn't know which" (WANT > 3)

 Scopally specific referents can appear without Rā. (Scopally Specific ≠ Rā)

Example

(6) Context: A Boring Restaurant where everyone always orders burgers. The waiter says:

inja hame hamishe ye qazā sefāresh midan here each boy-IC ID girl choose do.PST-3.PL

"Everyone always orders the same food here." $(\exists > \forall > \forall)$

• Generally, hard to find a correlation between scope and object marking.

Example

(7) Context: Dance Class.

hame-ye pesar-ā ye doxtar- \bigcirc dust dār-an all-EZ boy-PL ID girl-OM friend have.PST-3.PL "All the boys love some girl." ($\forall > \exists$) "There is a girl that all the boys love." ($\exists > \forall$)

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(8) Context_{E^+U^+}: There is a room. Ali goes in. There is a mouse.

- (8) Context_{*E*⁺*U*⁺}: There is a room. All goes in. There is a mouse.
 - a. mush-o mi-bin-e mouse-OM MI-see-3.SG "He sees the mouse."
 - b. # ye mush-o mi-bin-e ID mouse-OM MI-see-3.SG
 "He sees a mouse."

- (8) Context_{*E*+*U*+}: There is a room. All goes in. There is a mouse.
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- ø-NP-rā presupposes uniqueness.

Example

(9) Context_{E^+U^-}: There is a room. All goes in. There are two mice.

- (9) Context_{E^+U^-}: There is a room. Ali goes in. There are two mice.
 - a. # mush-o mi-bin-e mouse-OM MI-see-3.SG "He sees the mouse."
 - b. ye mush-o mi-bin-e ID mouse-OM MI-see-3.SG "He sees a mouse."

- (9) Context_{E^+U^-}: There is a room. Ali goes in. There are two mice.
 - a. # mush-o mi-bin-e mouse-OM MI-see-3.SG "He sees the mouse."
 - b. ye mush-o mi-bin-e ID mouse-OM MI-see-3.SG "He sees a mouse."
- ø-NP-rā presupposes uniqueness.
- ye-NP-rā does not presuppose uniqueness.

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- ø-NP-rā presupposes uniqueness.
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- Since definites presuppose existence AND uniqueness, rā cannot be a definiteness marker.
- Rā can presuppose existence and be half of definiteness!

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Common Ground Status	Presupposed		Definite	Existentially Presupposed
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Context_{*E*⁺*U*⁻}: There is a room. All goes in. There are two mice.

Context_{*E*+ U^- : There is a room. Ali goes in. There are two mice.}

(10) a. # ye mush mi-bin-e ID mouse MI-see-3.SG "He sees a mouse."

> b. ye mush-o mi-bin-e ID mouse-OM MI-see-3.SG "He sees a mouse."

Context_{E^-U^-}: There is a room. All goes in.

Context_{*E*⁻*U*⁻}: There is a room. Ali goes in.

- (11) a. ye mush mi-bin-e ID mouse MI-see-3.SG "He sees a mouse."
 - b. # ye mush-o mi-bin-e
 ID mouse-OM MI-see-3.SG
 "He sees a mouse."

Context_{*E*⁻*U*⁻}: There is a room. Ali goes in.

- (11) a. ye mush mi-bin-e ID mouse MI-see-3.SG "He sees a mouse."
 - b. # ye mush-o mi-bin-e ID mouse-OM MI-see-3.SG
 "He sees a mouse."
 - rā presupposes the existence of its descriptive content.

Example

(12) Ali emruz kār-i na-dāsht vāse hamin kār-i anjām Ali today work-IC NEG-have.PST for this work-IC finish na-dād NEG-give.PST.3SG

"Today Ali didn't have anything to do so he didn't do anything."

Example

(13) # Ali emruz kār-i na-dāsht vāse hamin kār-i-ro Ali today work-IC NEG-have.PST for this work-IC-OM anjām na-dād finish NEG-give.3SG

"Today Ali didn't have anything to do so he didn't do anything."

Example

 (14) Ali emruz xeyli kār dāsht vali kār-i-ro anjām Ali today very work have.PST but work-IC-OM finish na-dād NEG-give.3SG
 "Ali had a lot of work to do but he didn't do any of them."

- (15) a. Ali Saburi mi-shnās-i? Ali Saburi MI-know-2SG
 "Do you know anyone named Ali Saburi?"
 - b. Ali Saburi-ro mi-shnās-i? Ali Saburi-om mi-know-2sg
 "Do you know Ali Saburi?"

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 $\underline{r\bar{a}} \rightsquigarrow \lambda P[\lambda x[\partial [|P| \ge 1] \land P(x)]]$

Deriving a Definite



Deriving a Rā-marked Indefinite



Deriving a Rā-marked Indefinite



Deriving a Rā-marked Indefinite



Conclusion

- The semantic contribution of rā is best described as an existential presupposition.
- To avoid confusion, it might be better to not use the term "specificity" for rā.
- Rā's existence presupposition provides half of definiteness.
- The other half is provided by the absence of indefinite marking.
- Rā's existence presupposition is compatible with indefinites.

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 - Cleo Condoravdi for continued help and support with this project.
 - James Collins, Paul Kiparsky, Eve Clark, and Chris Potts.

(16) a. ye mard-o yā zan-o barā in kār moarefi kon-id ID man-OM or woman-OM for this job introduce do-2.PL "Introduce a man or a woman for this job."
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