

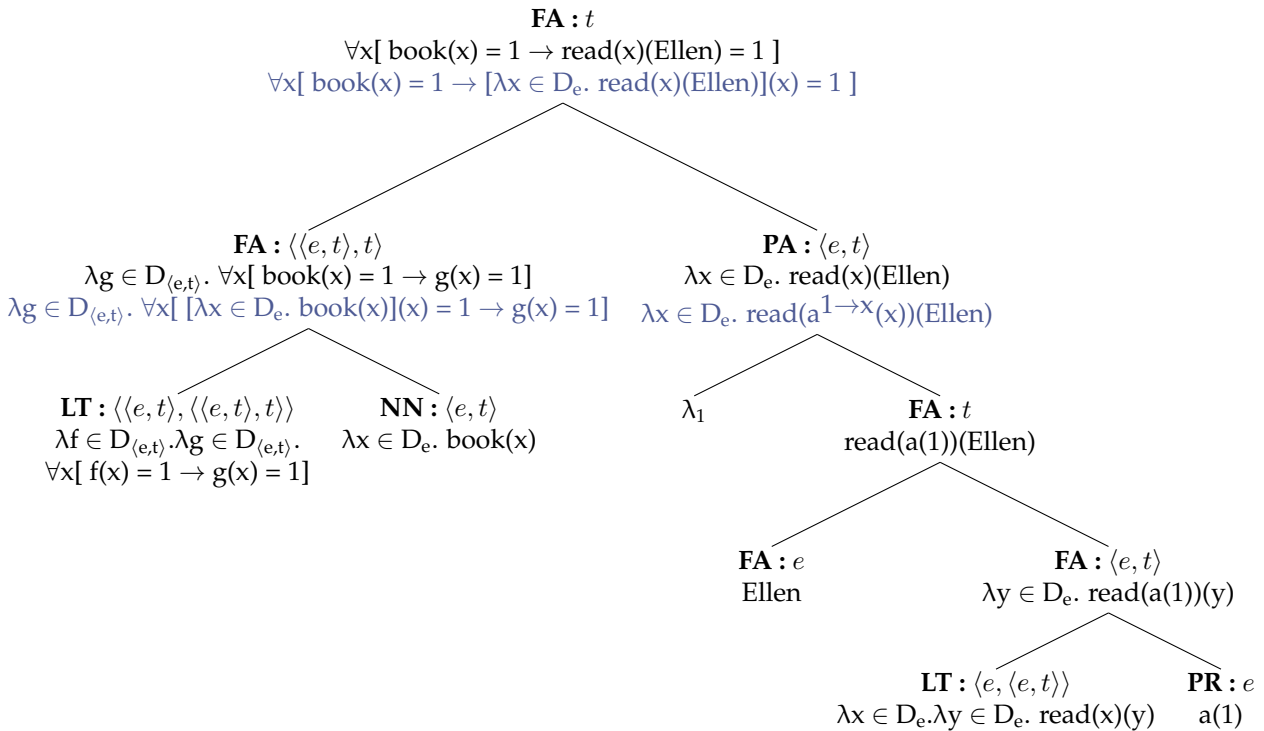
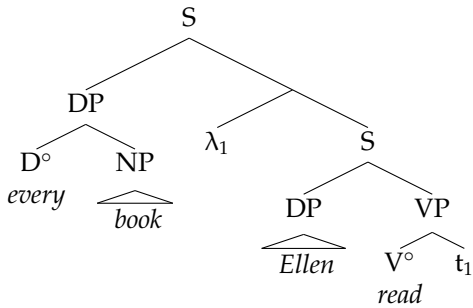
Q07-Exercise Key

Course in Semantics · Ling 531 / 731
McKenzie · University of Kansas

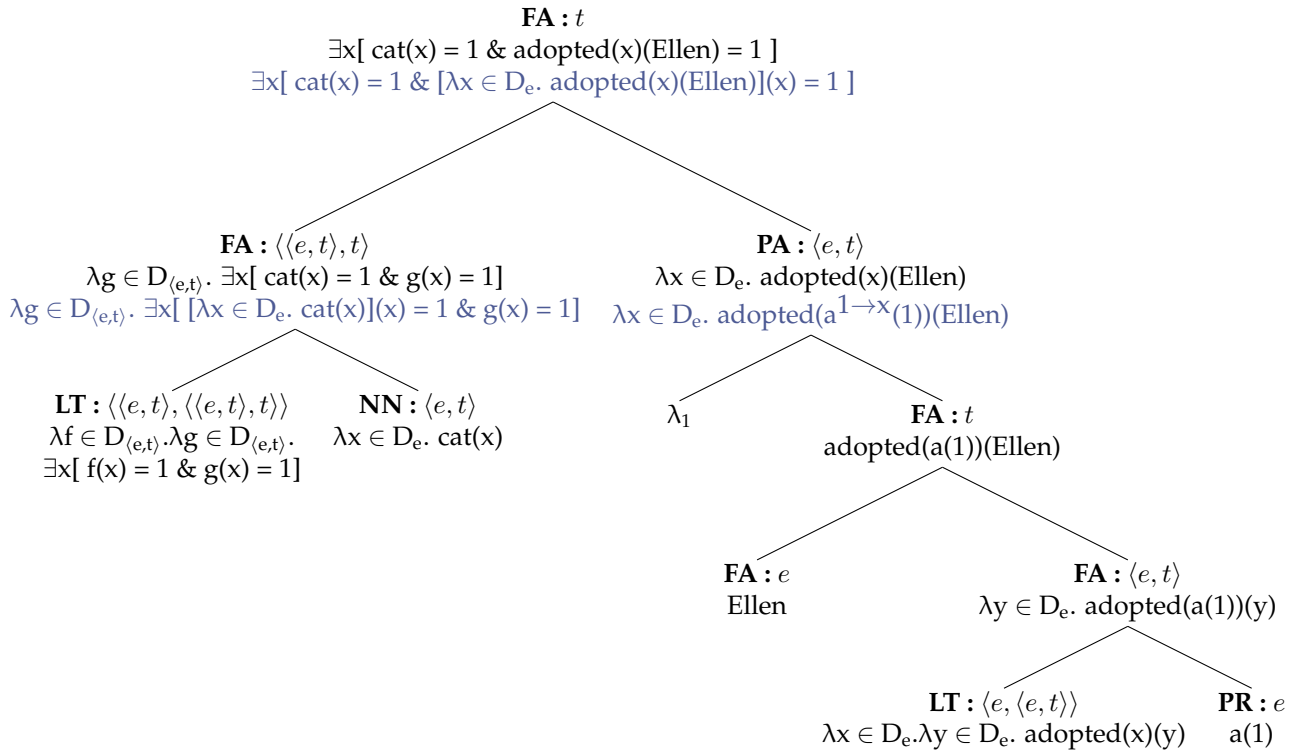
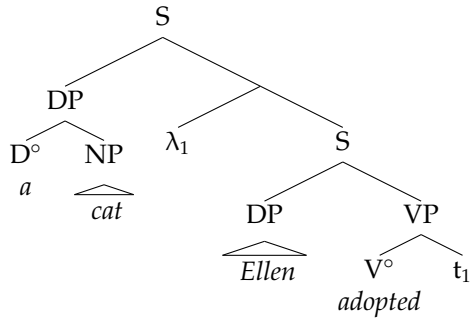
This workout has compositions with object quantifiers, and subject and object quantifiers. First, write out the truth-conditions semi-formally. Then, build each sentence based on the scope facts. Build the LF and the structure for each clause.

Assume assignment a.

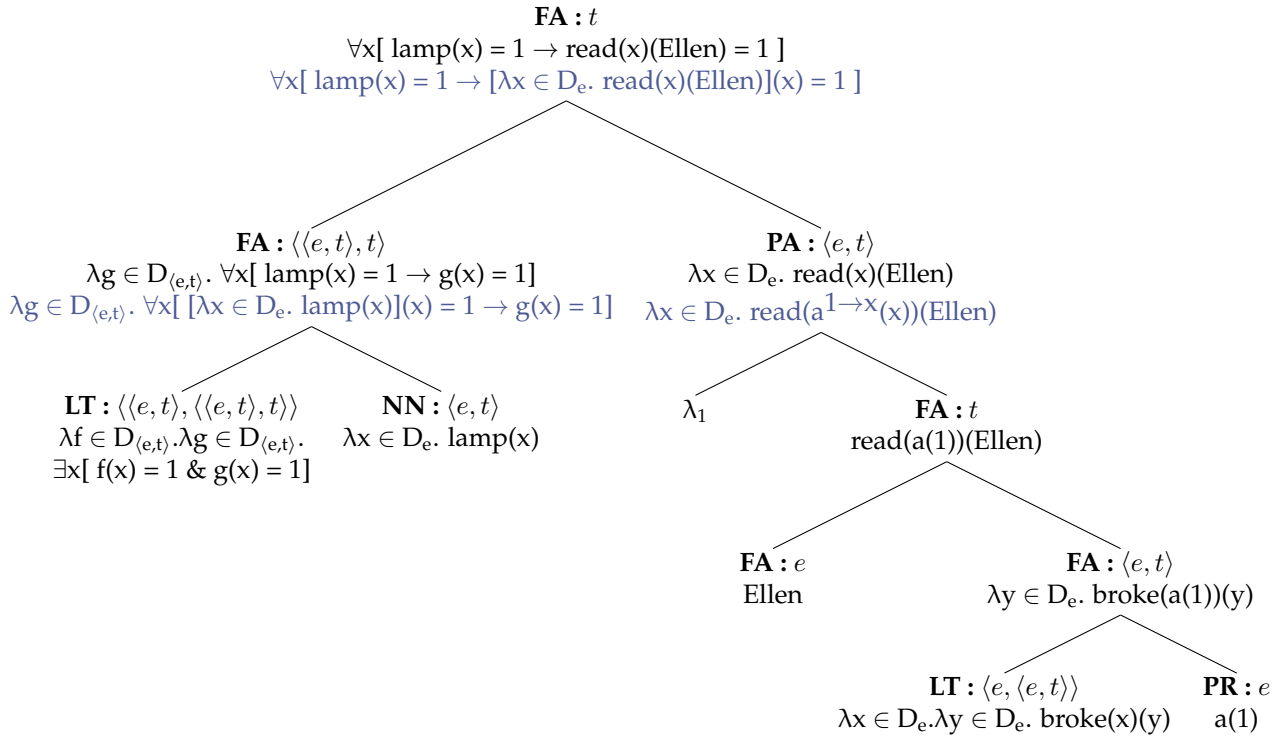
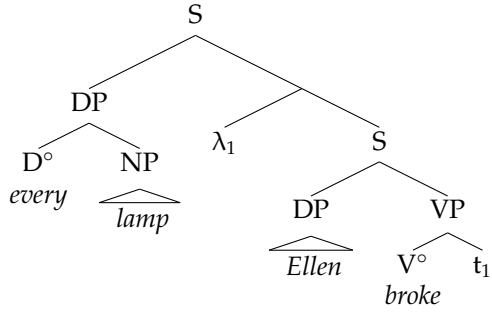
1. *Ellen read every book.*



2. *Ellen adopted a cat.*

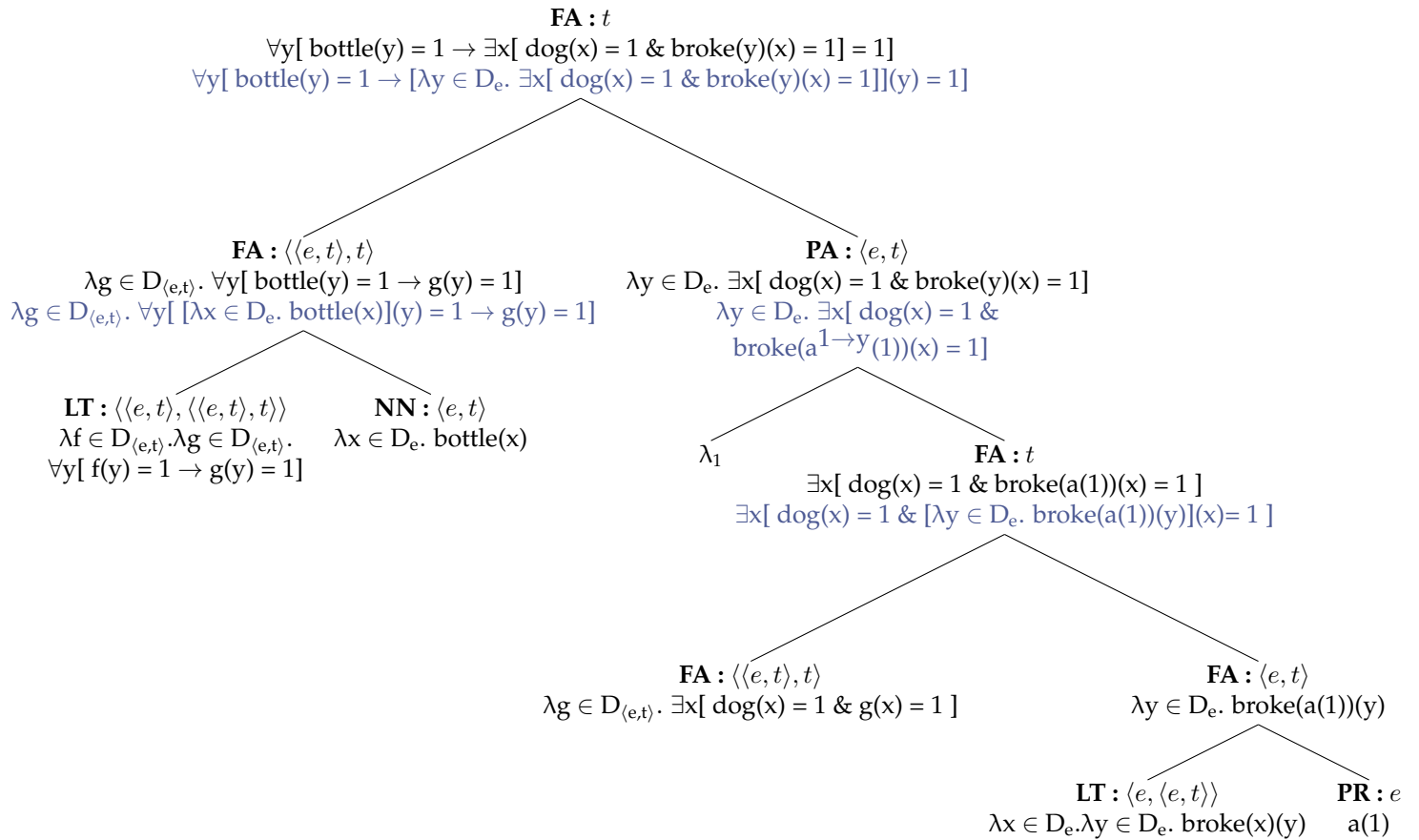
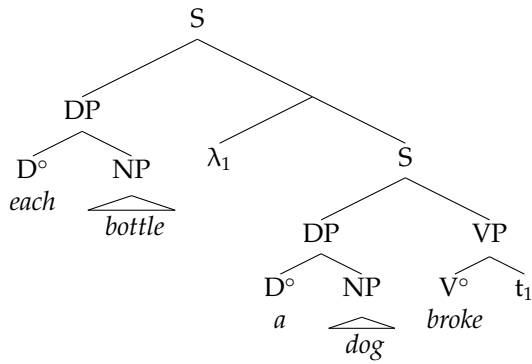


3. *Ellen broke each lamp.*



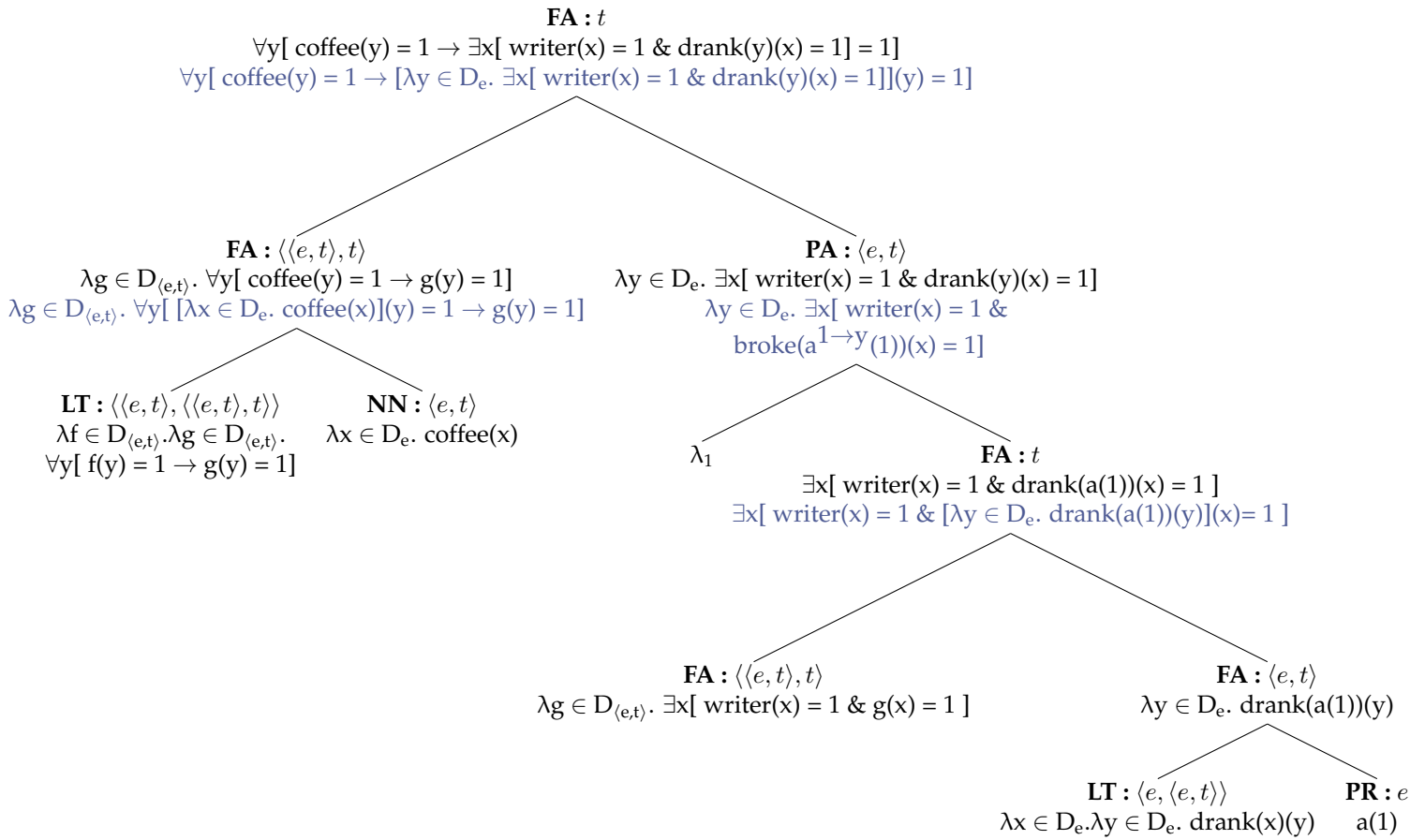
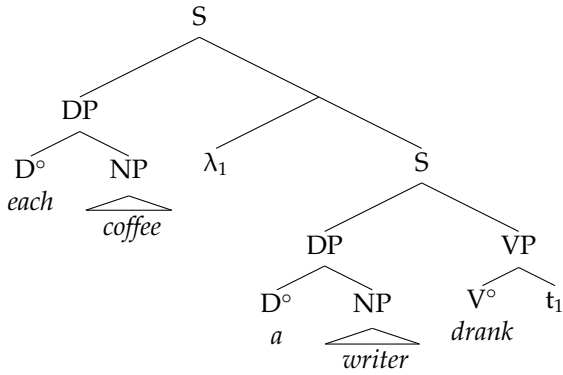
4. A dog broke each bottle. (inverse scope)

Truth-conditions: Each bottle y is such that there is a dog x such that x broke y

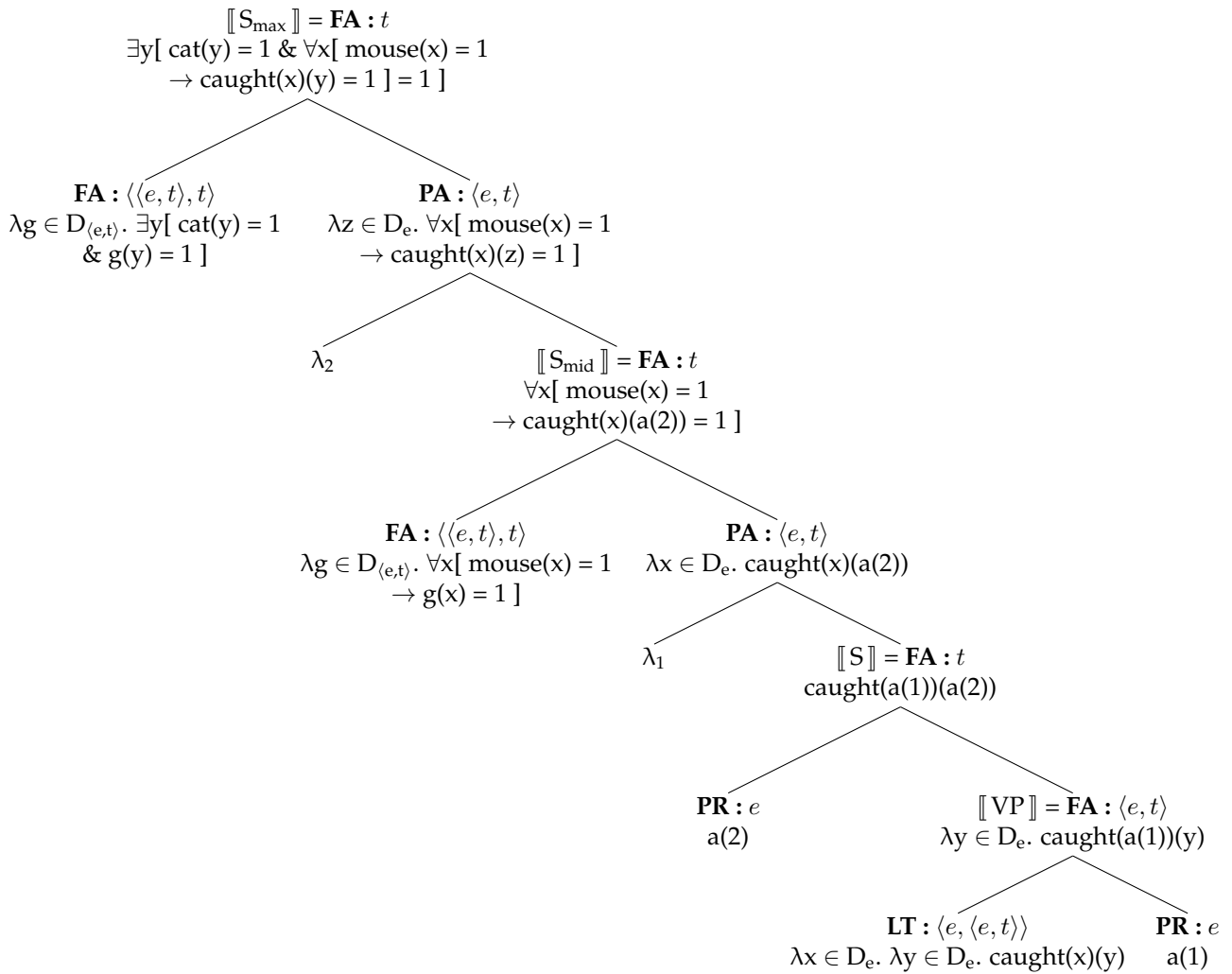
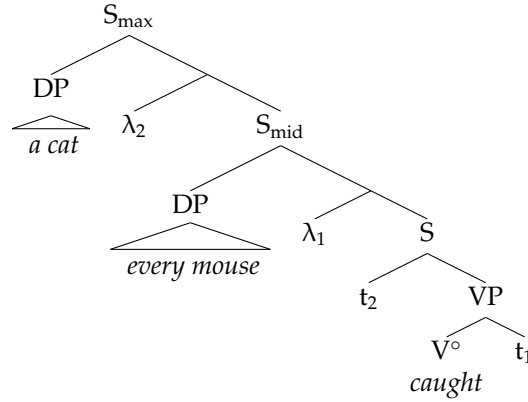


5. A writer drank every coffee. (inverse scope)

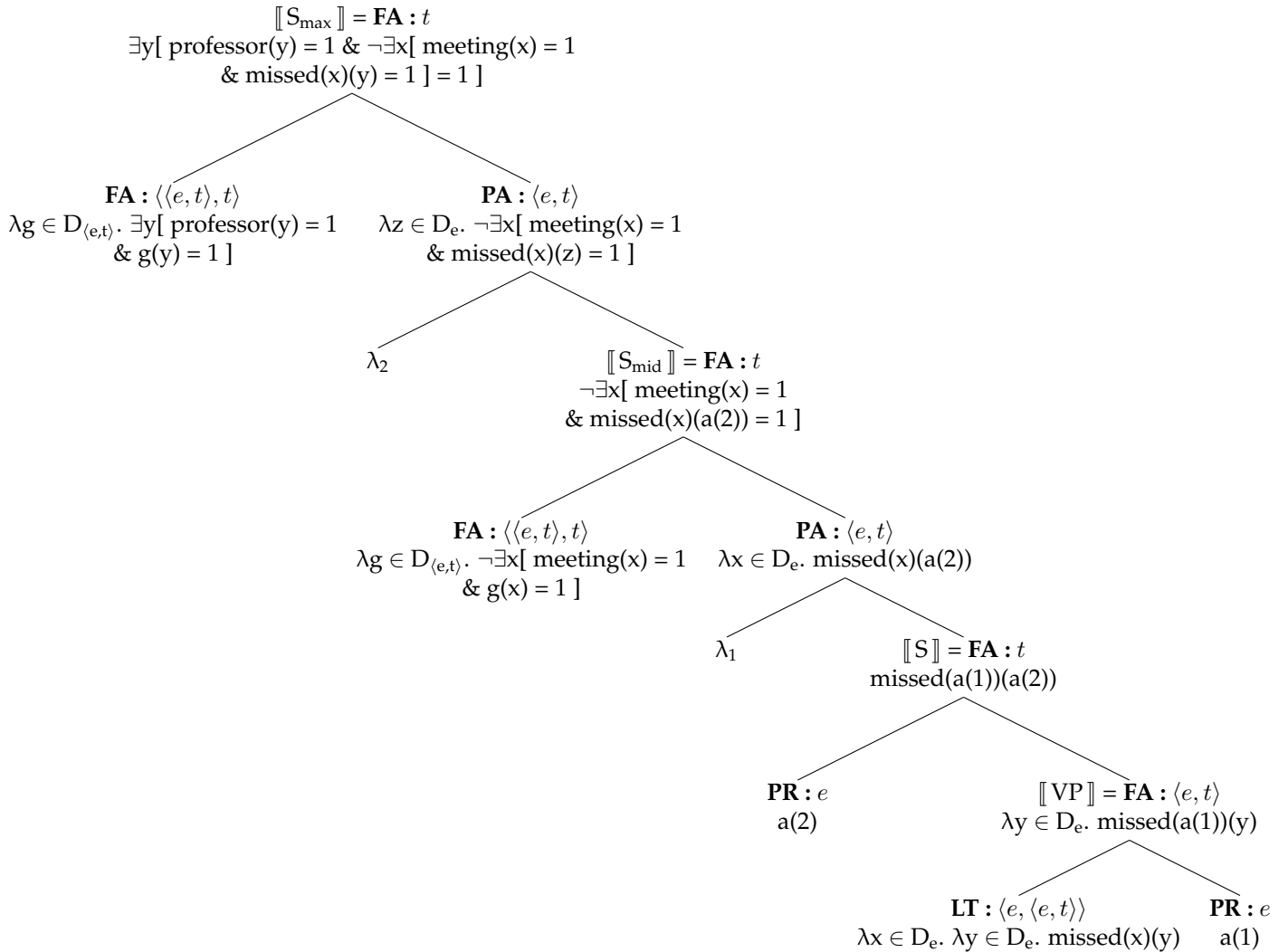
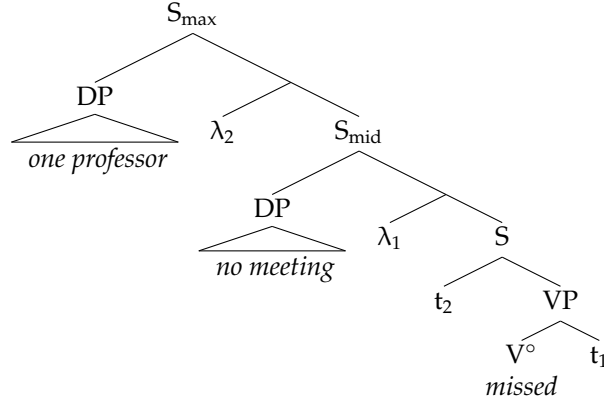
Truth-conditions: every coffee y is such that there is a writer x such that x drank y



6. A cat caught every mouse. (surface scope)



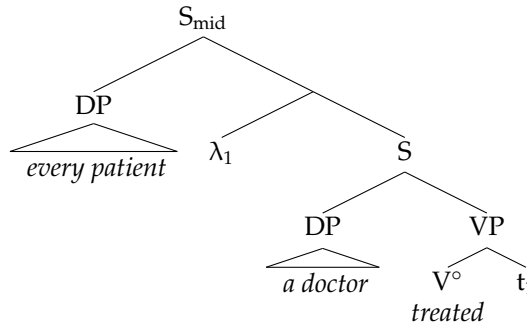
7. One professor missed no meeting. (surface scope; treat one like a)



8. *A doctor treated every patient.*

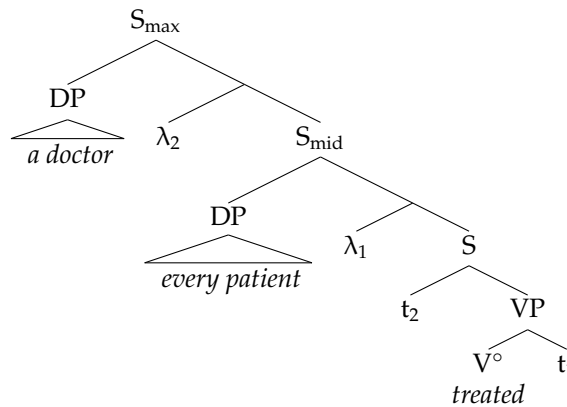
1. Write a context for inverse scope, or fill in the circles in a way that satisfies such a context... and draw its LF.

	Dr	A	B	C	D
Jason	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Peter	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Maisie	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Emilia	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>



2. Write a context for surface scope, or fill in the circles in a way that satisfies such a context... and draw its LF.

	Dr	A	B	C	D
Jason	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Peter	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Maisie	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Emilia	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>



3. Draw the composition for one of these LFs.