

1. What English sentence does each of the following f-structures represent?

a.

SUBJ	<table style="border-collapse: collapse;"> <tr><td style="padding-right: 10px;">PRED</td><td>'PRO'</td></tr> <tr><td style="padding-right: 10px;">PERS</td><td>1</td></tr> <tr><td style="padding-right: 10px;">NUM</td><td>SG</td></tr> </table>	PRED	'PRO'	PERS	1	NUM	SG								
PRED	'PRO'														
PERS	1														
NUM	SG														
TENSE	PRES														
PRED	'believe <SUBJ, COMP>'														
COMP	<table style="border-collapse: collapse;"> <tr> <td style="border-right: 1px solid black; padding-right: 10px; vertical-align: top;">SUBJ</td> <td style="border-right: 1px solid black; padding-right: 10px; vertical-align: top;"> <table style="border-collapse: collapse;"> <tr><td style="padding-right: 10px;">PRED</td><td>'constituent'</td></tr> <tr><td style="padding-right: 10px;">NUM</td><td>PL</td></tr> <tr><td style="padding-right: 10px;">ADJ</td><td>{[PRED 'syntactic']}</td></tr> </table> </td> </tr> <tr> <td style="border-right: 1px solid black; padding-right: 10px; vertical-align: top;">TENSE</td> <td style="border-right: 1px solid black; padding-right: 10px; vertical-align: top;">PRES</td> </tr> <tr> <td style="border-right: 1px solid black; padding-right: 10px; vertical-align: top;">PRED</td> <td style="border-right: 1px solid black; padding-right: 10px; vertical-align: top;">'move <SUBJ>'</td> </tr> <tr> <td style="border-right: 1px solid black; padding-right: 10px; vertical-align: top;">ADJ</td> <td style="border-right: 1px solid black; padding-right: 10px; vertical-align: top;">{[PRED 'quickly']}</td> </tr> </table>	SUBJ	<table style="border-collapse: collapse;"> <tr><td style="padding-right: 10px;">PRED</td><td>'constituent'</td></tr> <tr><td style="padding-right: 10px;">NUM</td><td>PL</td></tr> <tr><td style="padding-right: 10px;">ADJ</td><td>{[PRED 'syntactic']}</td></tr> </table>	PRED	'constituent'	NUM	PL	ADJ	{[PRED 'syntactic']}	TENSE	PRES	PRED	'move <SUBJ>'	ADJ	{[PRED 'quickly']}
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TENSE	PRES														
PRED	'move <SUBJ>'														
ADJ	{[PRED 'quickly']}														

b.

OBJ	[PRED 'Hammerstein']						
TENSE	PAST						
PRED	'send <SUBJ, OBJ, OBJ2>'						
SUBJ	[PRED 'Rodgers']						
OBJ2	<table style="border-collapse: collapse;"> <tr><td style="padding-right: 10px;">PRED</td><td>'song'</td></tr> <tr><td style="padding-right: 10px;">DEF</td><td>—</td></tr> <tr><td style="padding-right: 10px;">NUM</td><td>SG</td></tr> </table>	PRED	'song'	DEF	—	NUM	SG
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DEF	—						
NUM	SG						

c.

SUBJ	<table style="border-collapse: collapse;"> <tr><td style="padding-right: 10px;">PRED</td><td>'idea'</td></tr> <tr><td style="padding-right: 10px;">ADJ</td><td>{[PRED 'colorless'], [PRED 'green']}</td></tr> <tr><td style="padding-right: 10px;">NUM</td><td>PL</td></tr> </table>	PRED	'idea'	ADJ	{[PRED 'colorless'], [PRED 'green']}	NUM	PL
PRED	'idea'						
ADJ	{[PRED 'colorless'], [PRED 'green']}						
NUM	PL						
TENSE	PRES						
PRED	'sleep <SUBJ>'						
ADJ	{[PRED 'furiously']}						

2. Note the values of the function ADJ (adjunct) in 1. Why do you suppose the value of ADJ is a set of smaller f-structures instead of a single smaller f-structure?

3. Give the f-structures of the following sentences.

- a. Mary had a little lamb.
- b. A funny thing happened on the way to the forum.