Diagramming Workgroup Interaction via Social Language Network Analysis
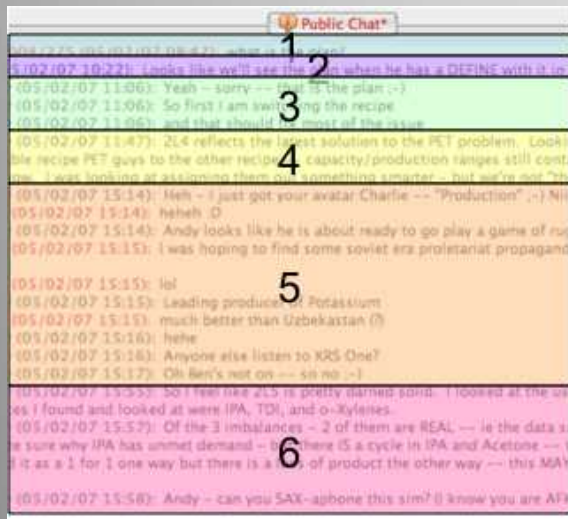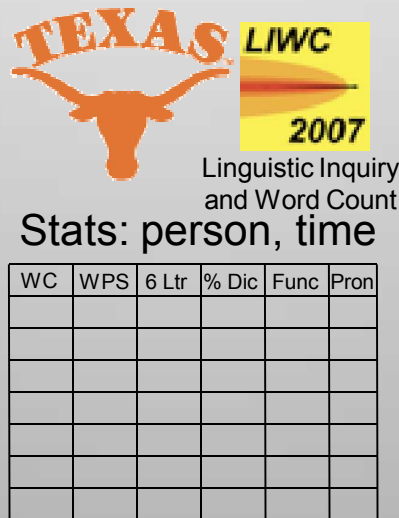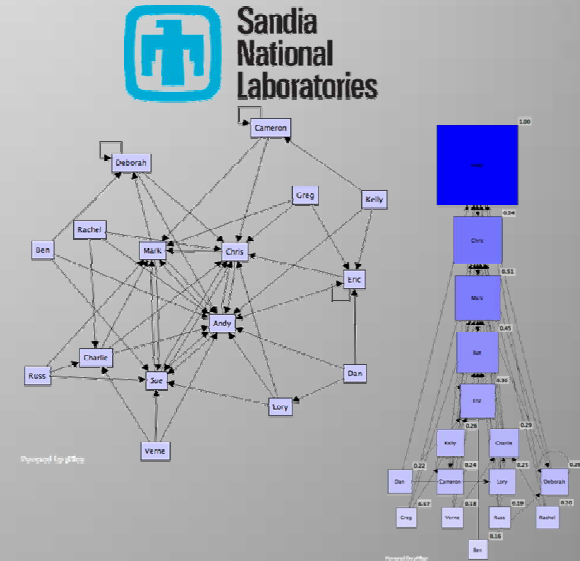
Andy Scholand   Yla Tausczik

SLNA is a combination of language and social network analysis.

Dyadic+ data preparation

Linguistic Inquiry and Word Count

Stats: person, time

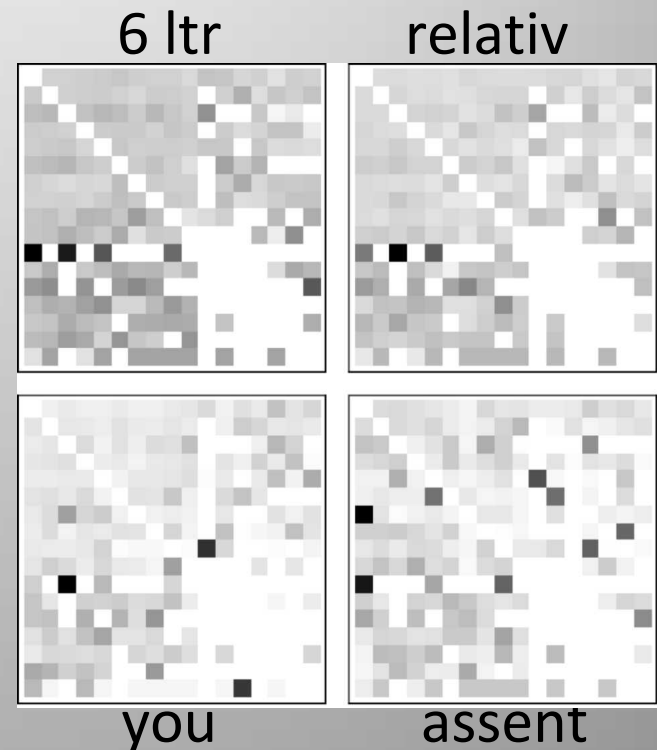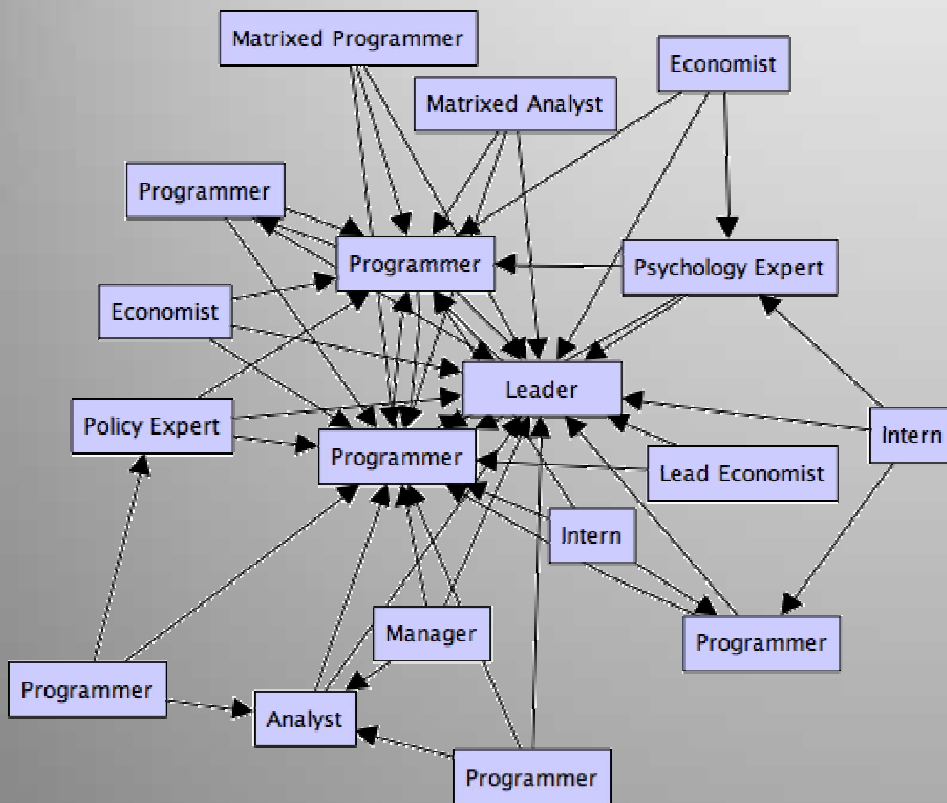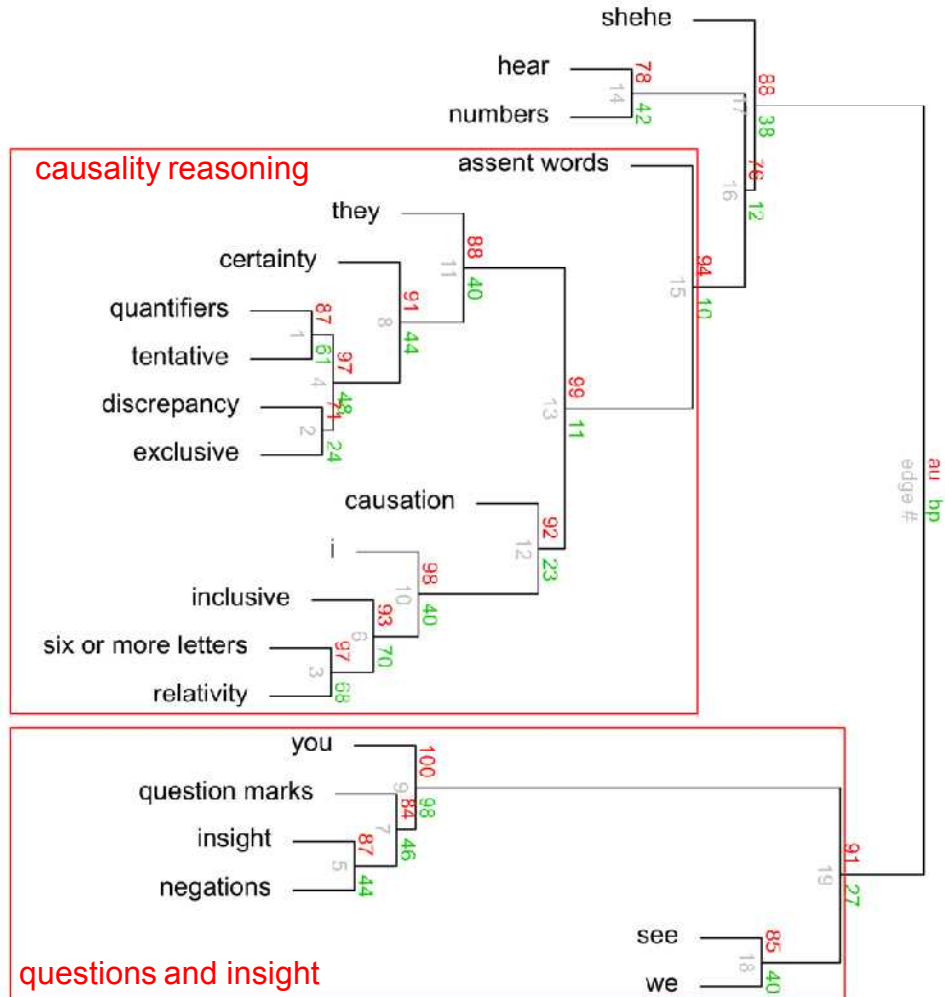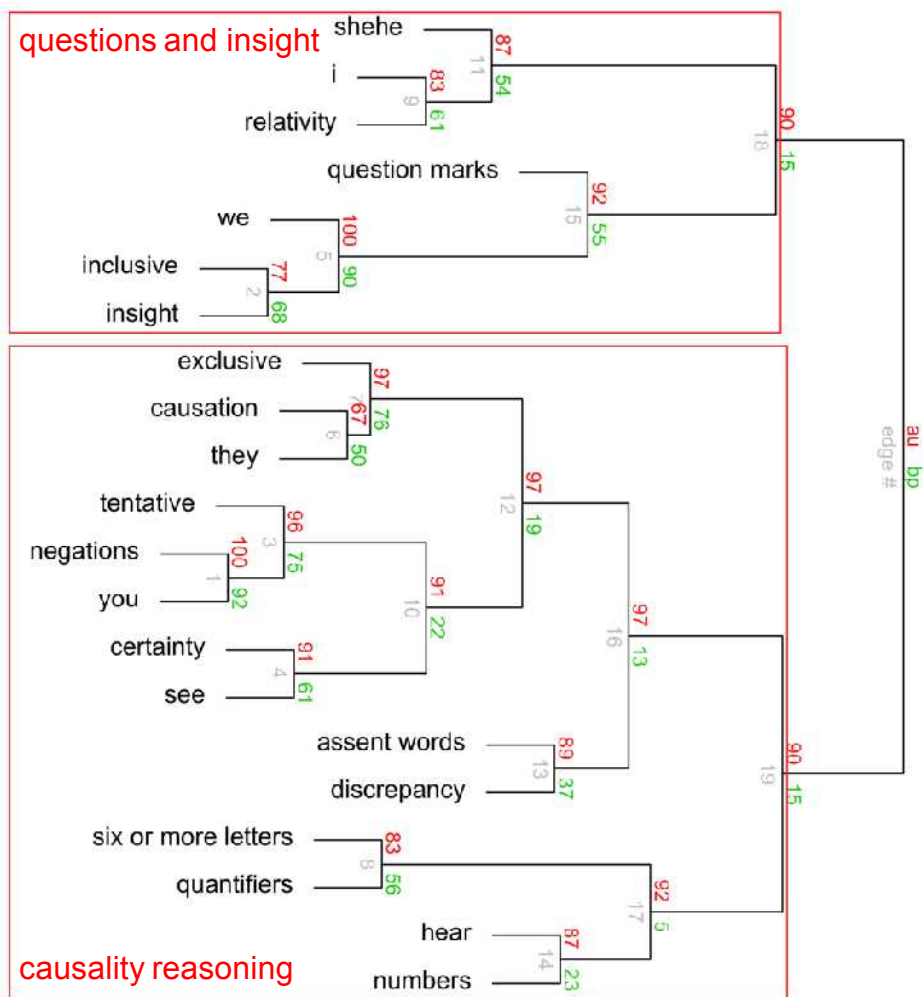| WC	WPS	6 Ltr	% Dic	Func	Pron

Language analysis

Network analysis

Co-occurrence of word categories in directed conversations leverages group diversity.

Which LIWC categories occur in the same conversational pairs?

Correlations used to group word categories into statistically robust clusters.

Early, short (1 month) archive   3   Later, long (17 month) archive