

Figure 1. Relative clause strategies in Kera

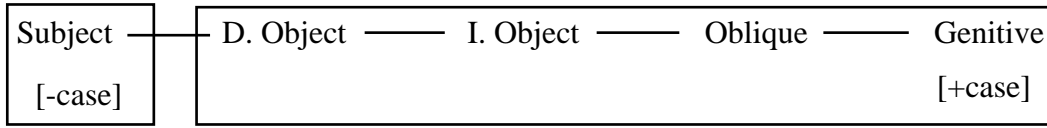


Figure 2. The conceptual space for indefinite pronouns

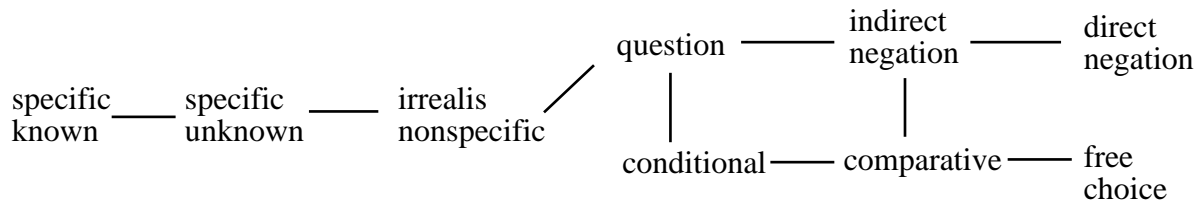


Figure 3. Semantic maps for Rumanian indefinite pronouns

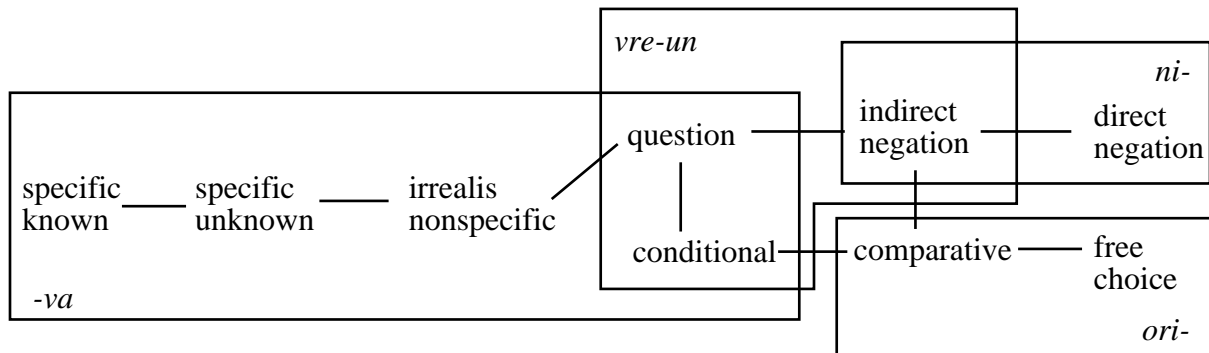


Figure 4. Spatial Model of Driving Distances (Dissimilarities)

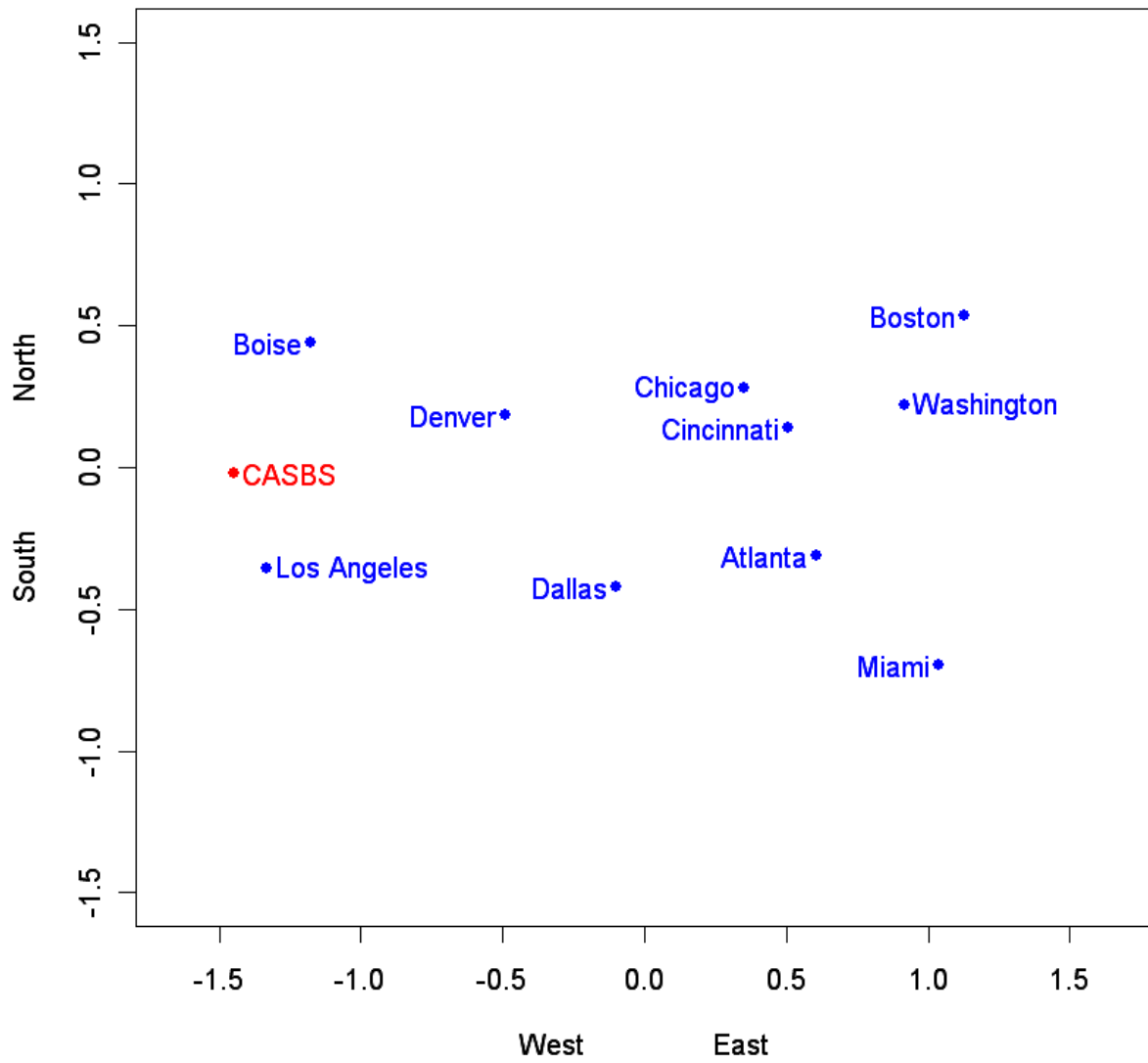


Figure 5. Spatial Model of Driving Distances (Unfolding)

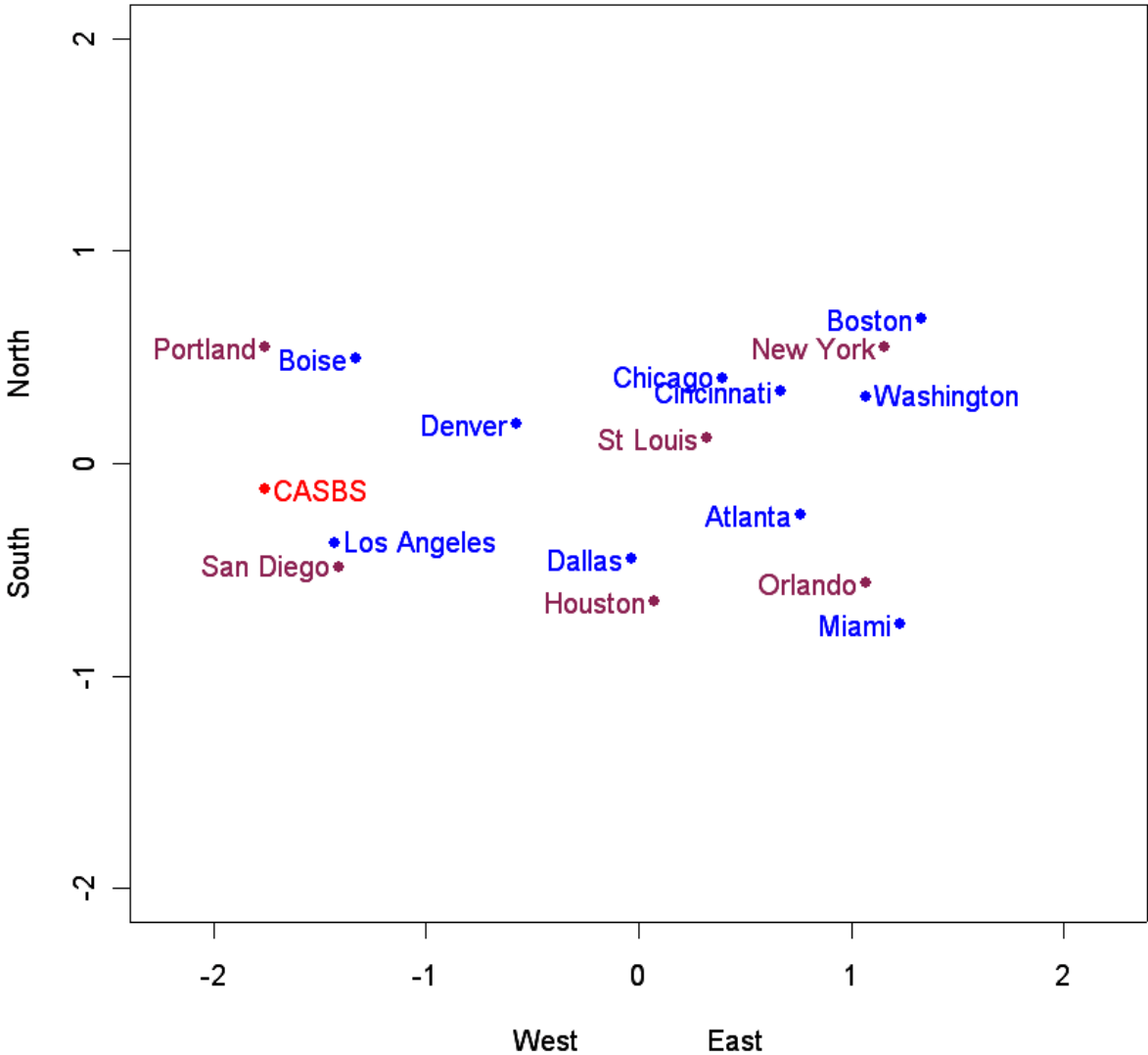


Figure 6. Two-Dimensional Model of Indefinite Pronouns

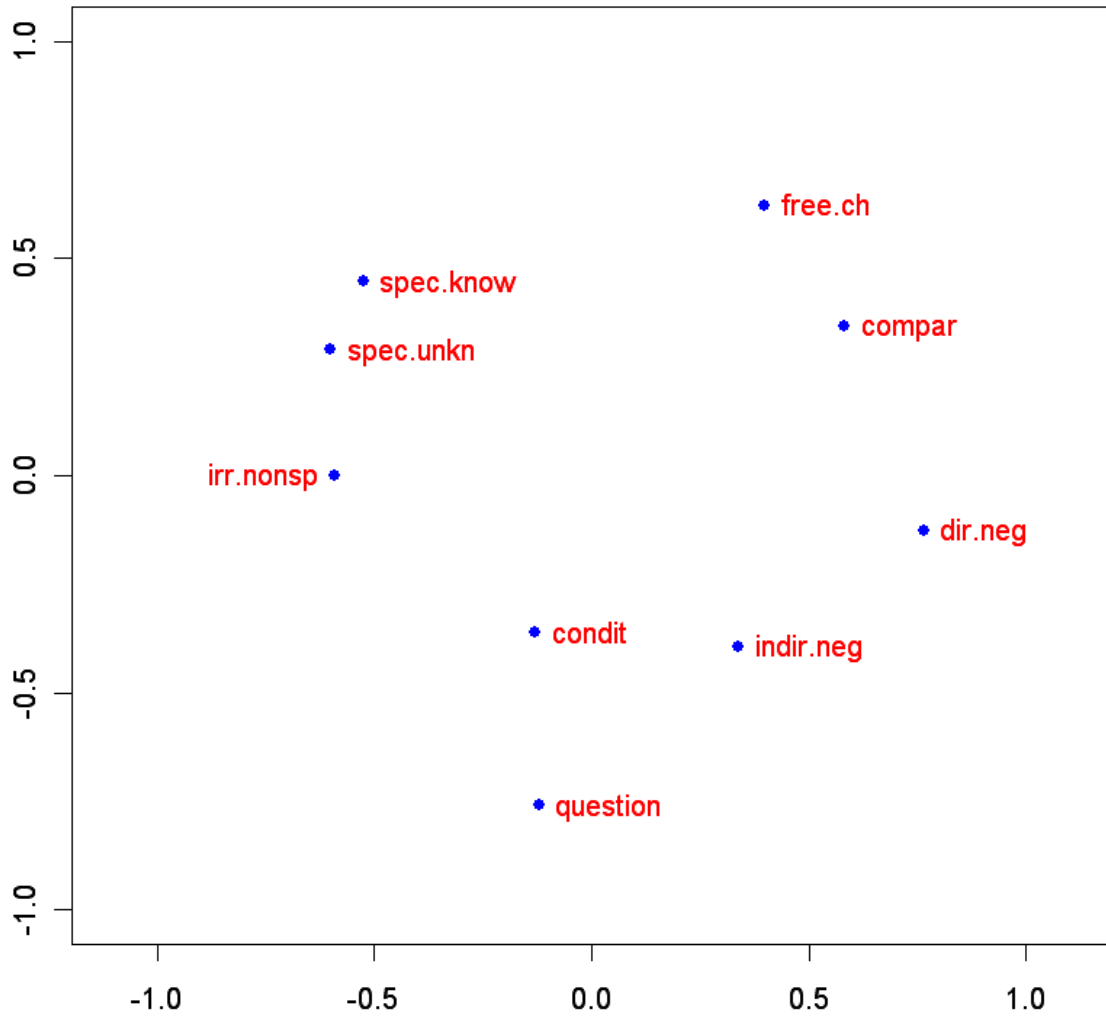


Figure 7. Indefinite Pronoun Data

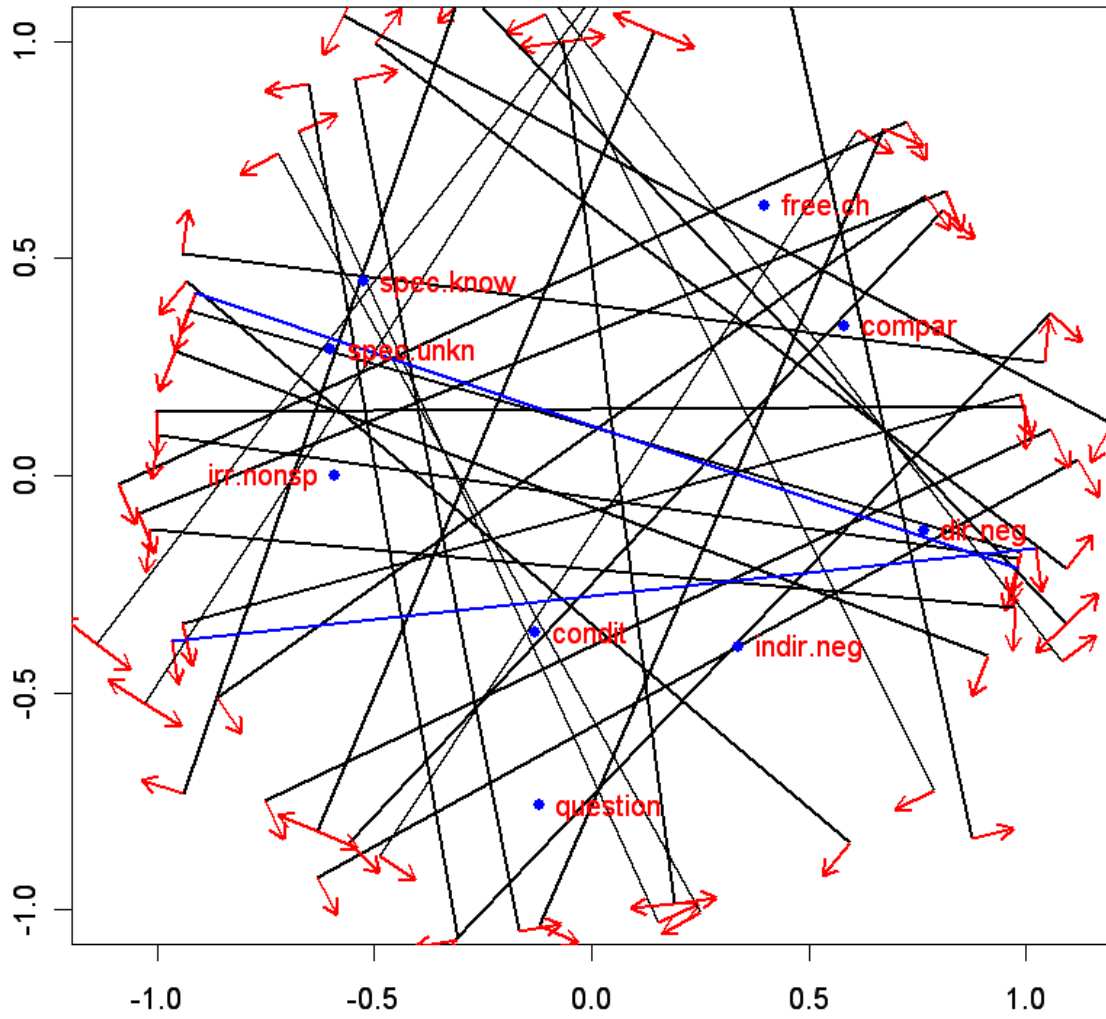


Figure 8: Rumanian Indefinite Pronouns

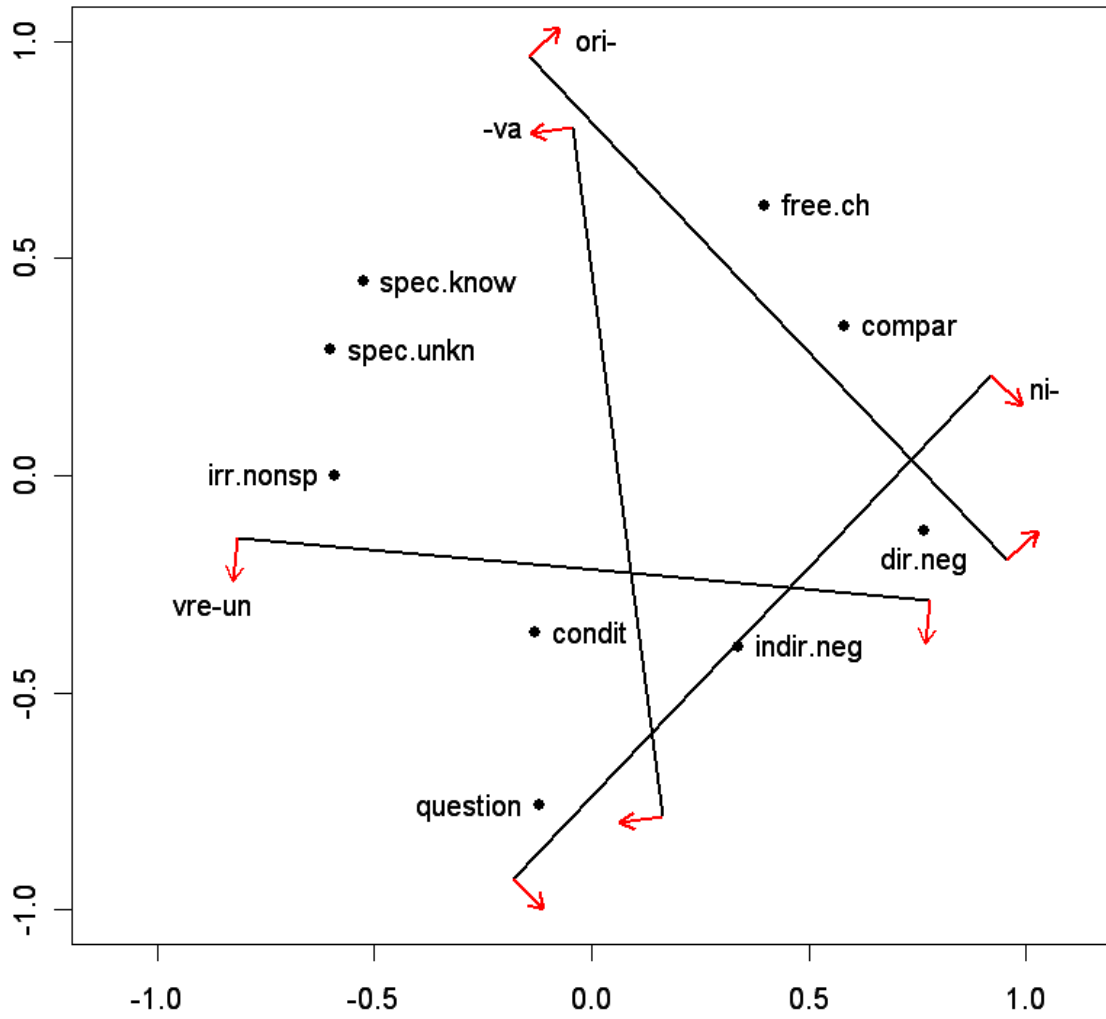


Figure 9. Indefinite Pronoun Data

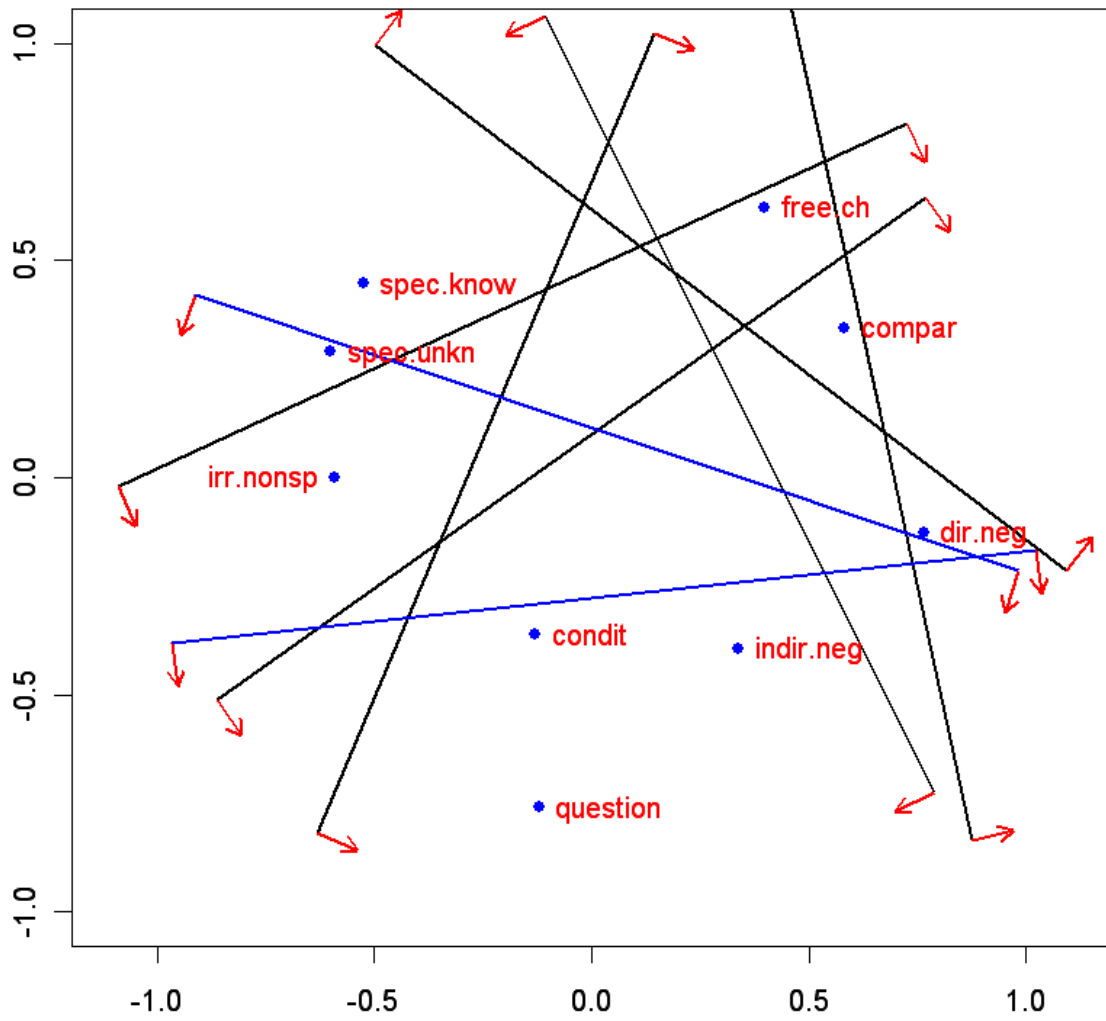


Figure 10. Spatial Model With Graph Structure of Semantic Map Model

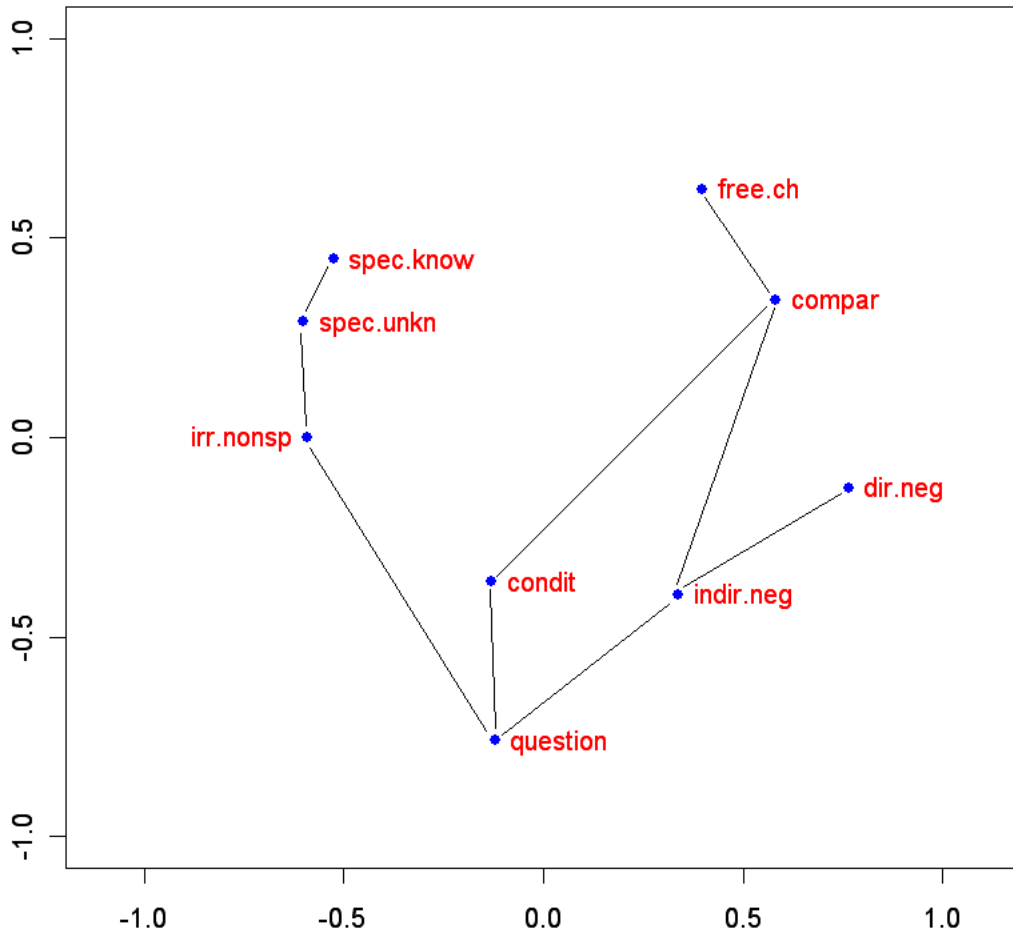


Figure 11. Spatial Model of Adpositions by Dissimilarity

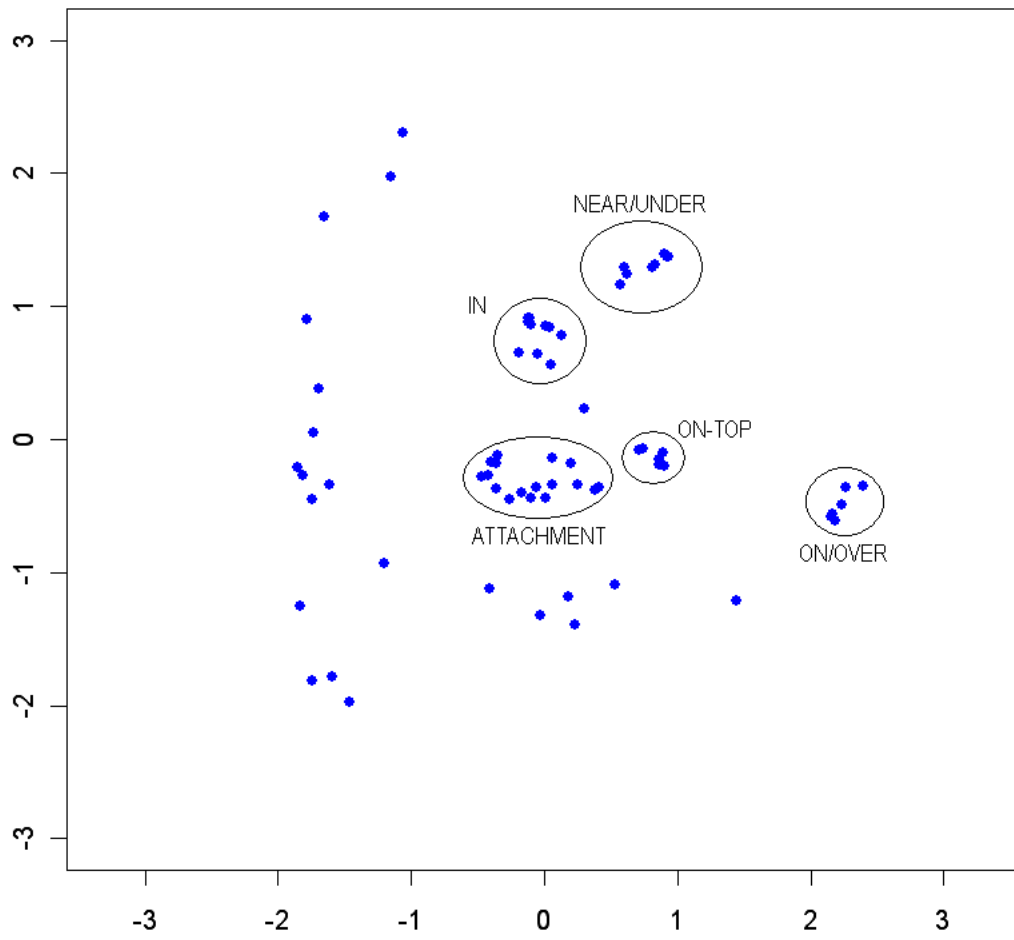


Figure 12. Spatial Model of Adpositions by Unfolding

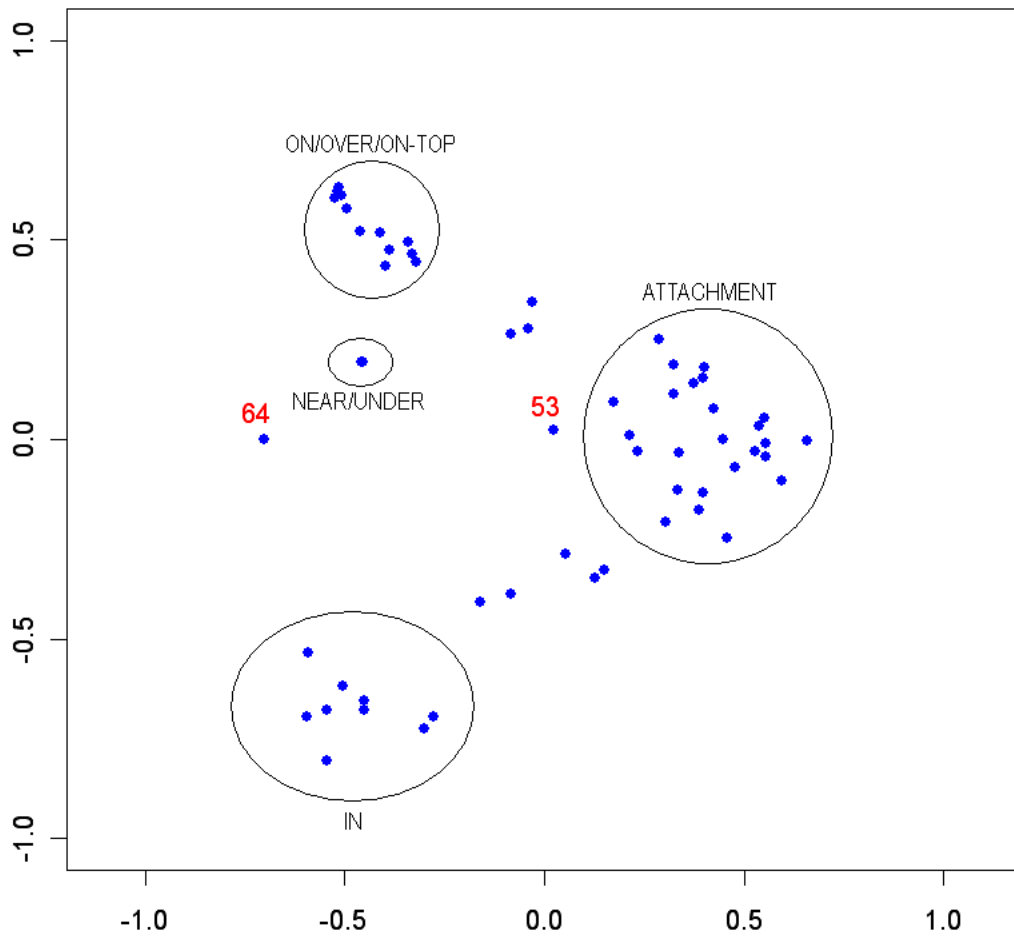


Figure 14. State and achievement construals of see.

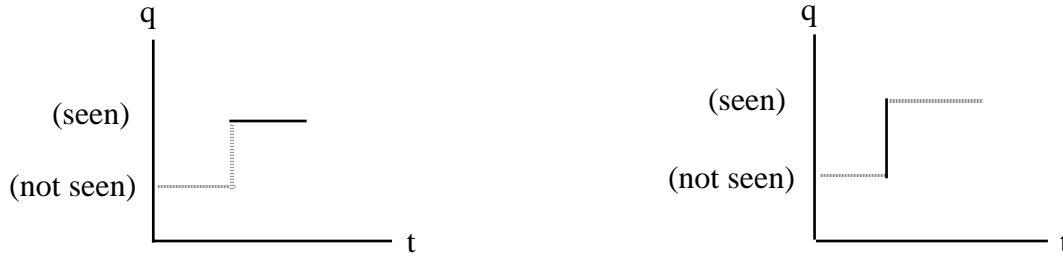
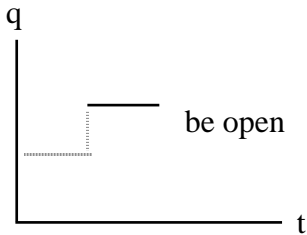
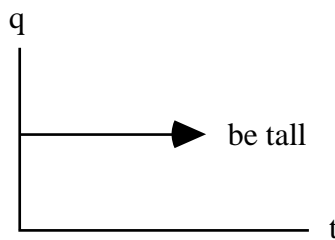


Figure 15. Three kinds of states

Transitory state
The window is open.



Inherent state
She's tall.



Point state
It's 5:00/The train is on time.

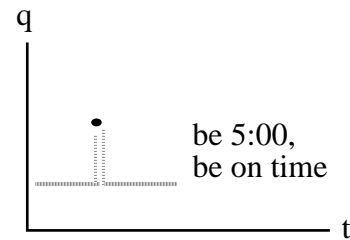
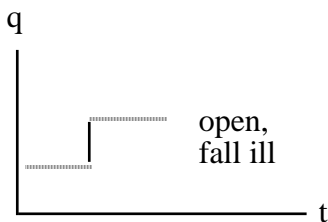
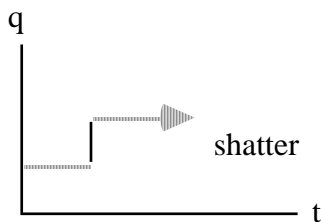


Figure 16. Three kinds of achievements

Reversible achievement
The door opened/I fell ill.



Irreversible achievement
The window shattered.



Cyclic achievement
The lighthouse flashed once.

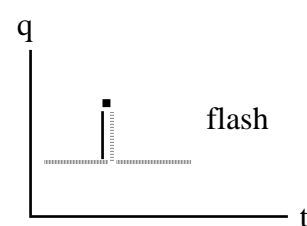
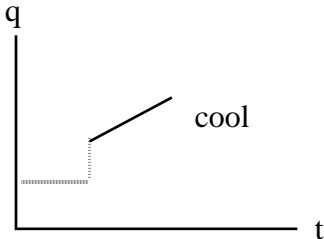


Figure 17. Two kinds of activities

Directed activity
The soup is cooling.



Undirected activity
She's dancing.

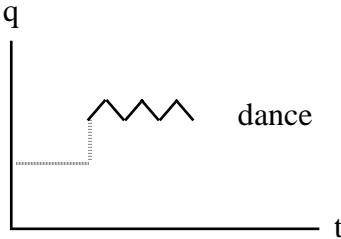
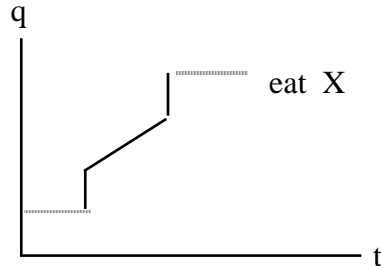


Figure 18. Two kinds of performances

Accomplishment
I ate the whole thing.



Runup achievement
Help! He's dying!

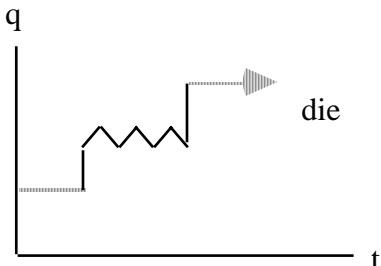


Figure 19. Two-Dimensional Model of Lexical Aspect

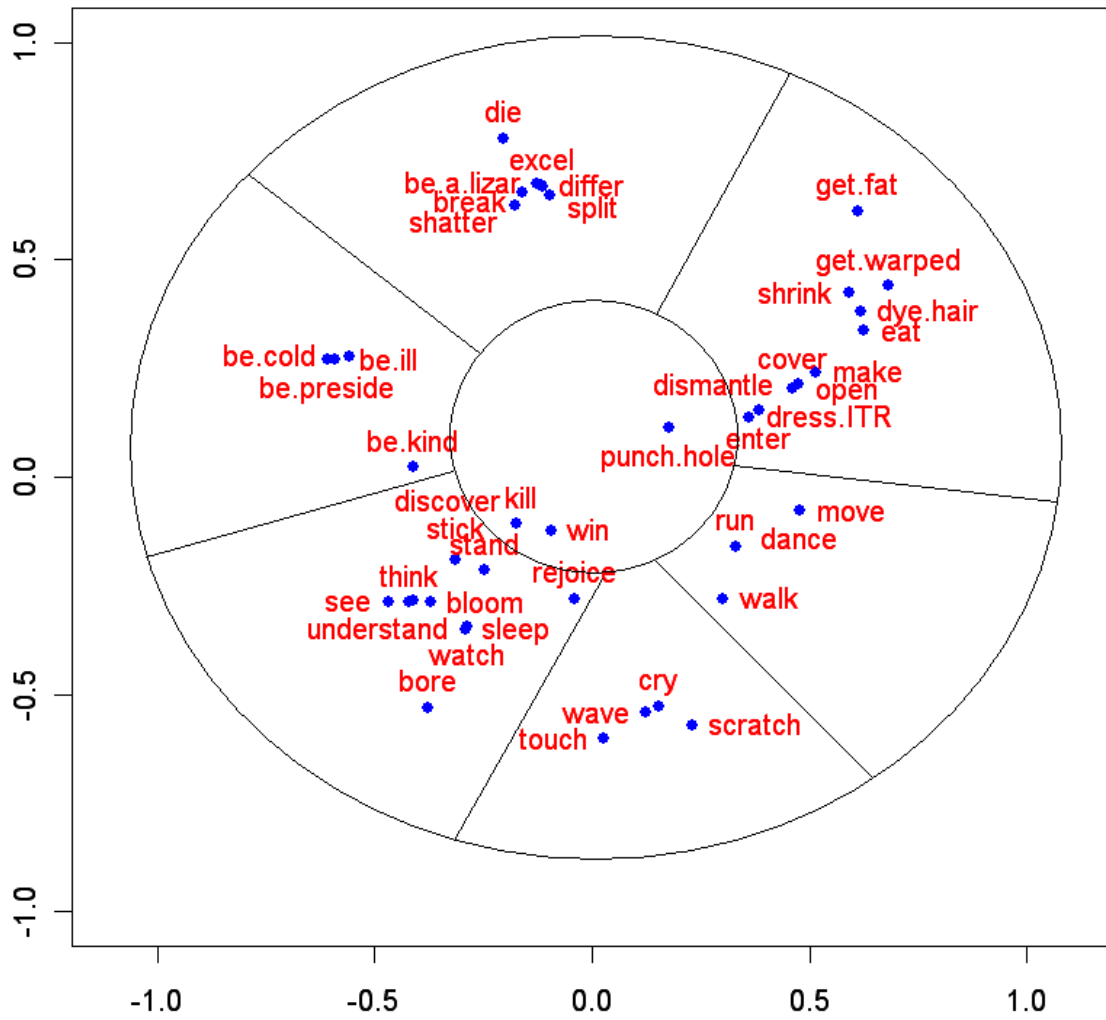


Figure 20. The transition aspectual contour.

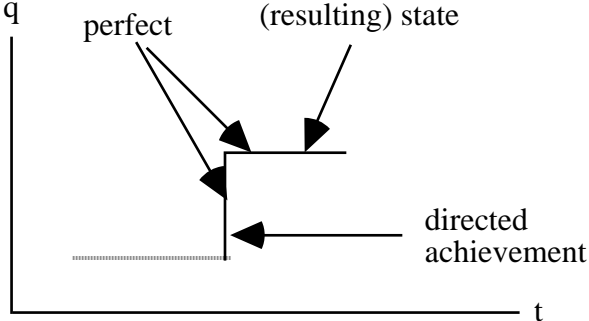


Figure 21. The cyclic aspectual contour.

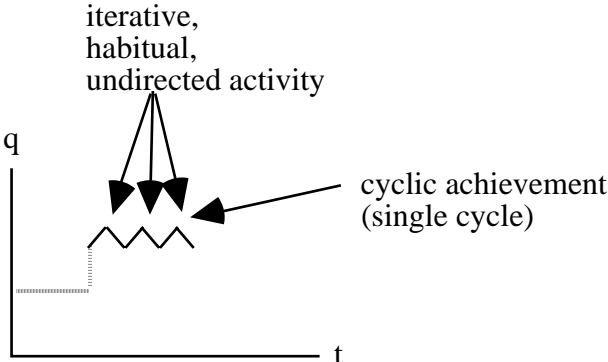
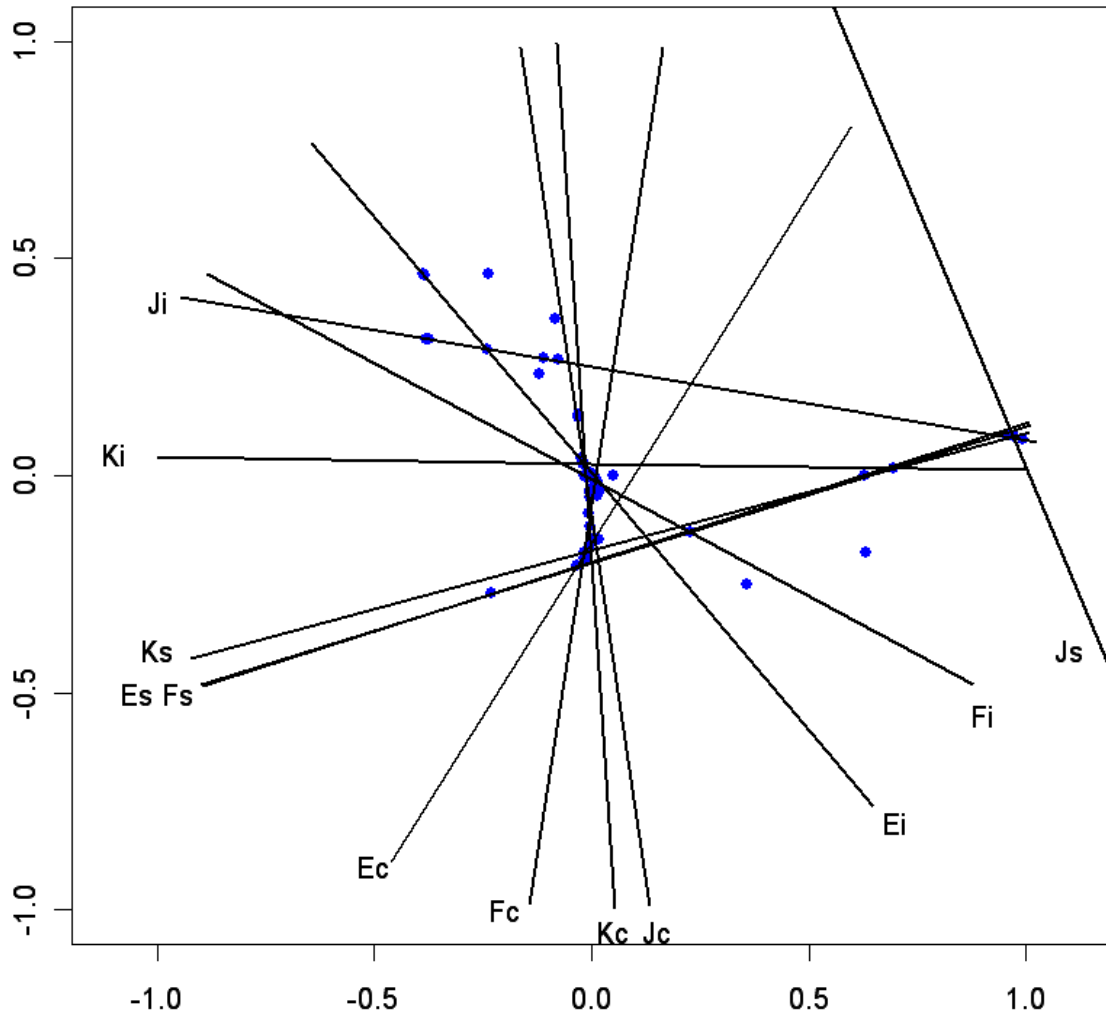


Figure 22. Two Dimensional Model of Causative-Inchoative-Statative Verbs



Key

- E English
- F French
- J Japanese
- K Korean
- c zero-coded causative
- i zero-coded inchoative
- s zero-coded statative/resultative

Table 1. Driving distances between eleven US cities (dissimilarities)

	Atl	Boise	Bos	Chi	Cin	Dal	Den	LA	Mia	Wash	CASBS
Atlanta	0000	2340	1084	715	481	826	1519	2252	662	641	2450
Boise	2340	0000	2797	1789	2018	1661	891	908	2974	2480	680
Boston	1084	2797	0000	976	853	1868	2008	3130	1547	443	3160
Chicago	715	1789	976	0000	301	936	1017	2189	1386	696	2200
Cincinnati	481	2018	853	301	0000	988	1245	2292	1143	498	2330
Dallas	826	1661	1868	936	988	0000	797	1431	1394	1414	1720
Denver	1519	891	2008	1017	1245	797	0000	1189	2126	1707	1290
Los Angeles	2252	908	3130	2189	2292	1431	1189	0000	2885	2754	370
Miami	662	2974	1547	1386	1143	1394	2126	2885	0000	1096	3110
Washington	641	2480	443	696	498	1414	1707	2754	1096	0000	2870
CASBS	2450	680	3160	2200	2330	1720	1290	370	3110	2870	0000

Table 2: Driving distances between eleven US cities (unfolding)

	Houston	NYC	Orlando	Portland	St Louis	San Diego
Atlanta	790	850	430	2660	570	2150
Boise	1820	2490	2640	430	1670	980
Boston	1830	210	1300	3140	1210	2880
Chicago	1090	810	1150	2120	290	2090
Cincinnati	1150	470	1000	2430	320	2290
Dallas	250	1560	1100	2040	660	1350
Denver	1030	1790	1880	1260	860	1100
Los Angeles	1540	2790	2430	960	1840	130
Miami	1190	1330	230	3260	1230	2680
Washington	1370	240	850	2780	860	2600
CASBS	1890	2960	2850	670	2150	490

Table 3: Sample distribution pattern of relative clause strategies

	Aoban [+case]	Aoban [-case]	Arabic [+case]	Arabic [-case]	Basque [-case]	Batak [+case]	Batak [-case]	Catalan [+case]	Catalan [-case]
Sbj	0	1	0	1	1	0	1	0	1
DO	1	0	1	0	1	0	0	0	1
IO	1	0	1	0	1	1	0	0	1
Obl	1	0	1	0	0	1	0	1	0
Gen	1	0	1	0	0	1	0		

Table 4: Sample distribution patterns of indefinite pronouns

	German n-	German etwas	German irgend	German je	German jeder	Dutch dan ook	Dutch enig	Dutch iets	Dutch niets
specific known	0	1	0	0	0	0	0	1	0
specific unknown	0	1	1	0	0	0	0	1	0
irrealis nonspecific	0	1	1	0	0	1	0	1	0
question	0	1	1	1	0	1	1	1	0
conditional	0	1	1	1	0	1	1	1	0
indirect negation	0	1	1	1	1	1	1	1	0
comparative	0	0	1	1	1	1	1	0	0
direct negation	1	0	0	0	0	0	0	0	1
free choice	0	0	1	0	1	1	0	0	0

Table 5: MDS ranking of grammatical relations

	Errors	Total	Proportion Correct	Rank
1 Sbj	0	72	1.000	1.000
2 DO	1	64	0.984	2.000
3 IO	0	61	1.000	3.000
4 Obl	0	68	1.000	4.000
5 Gen	0	65	1.000	5.000

Table 6. Dahl's tense-aspect prototype clusters.

Tense-Aspect Prototype	Code	Cluster size
Experiential	X	10
Future	U	45
Habitual	H	13
Habitual Past	S	5
Habitual-Generic	G	14
Past Imperfect	R	43
Perfect	F	67
Perfective	V	135
Pluperfect	L	29
Predictive	D	7
Progressive	O	35
Quotative	Q	10