

30th March 2022 - RISIS course on
Thematic and spatial analysis of technology



Comparison of inventive activities in the German Chemical and Pharmaceutical sectors in 2010-2015



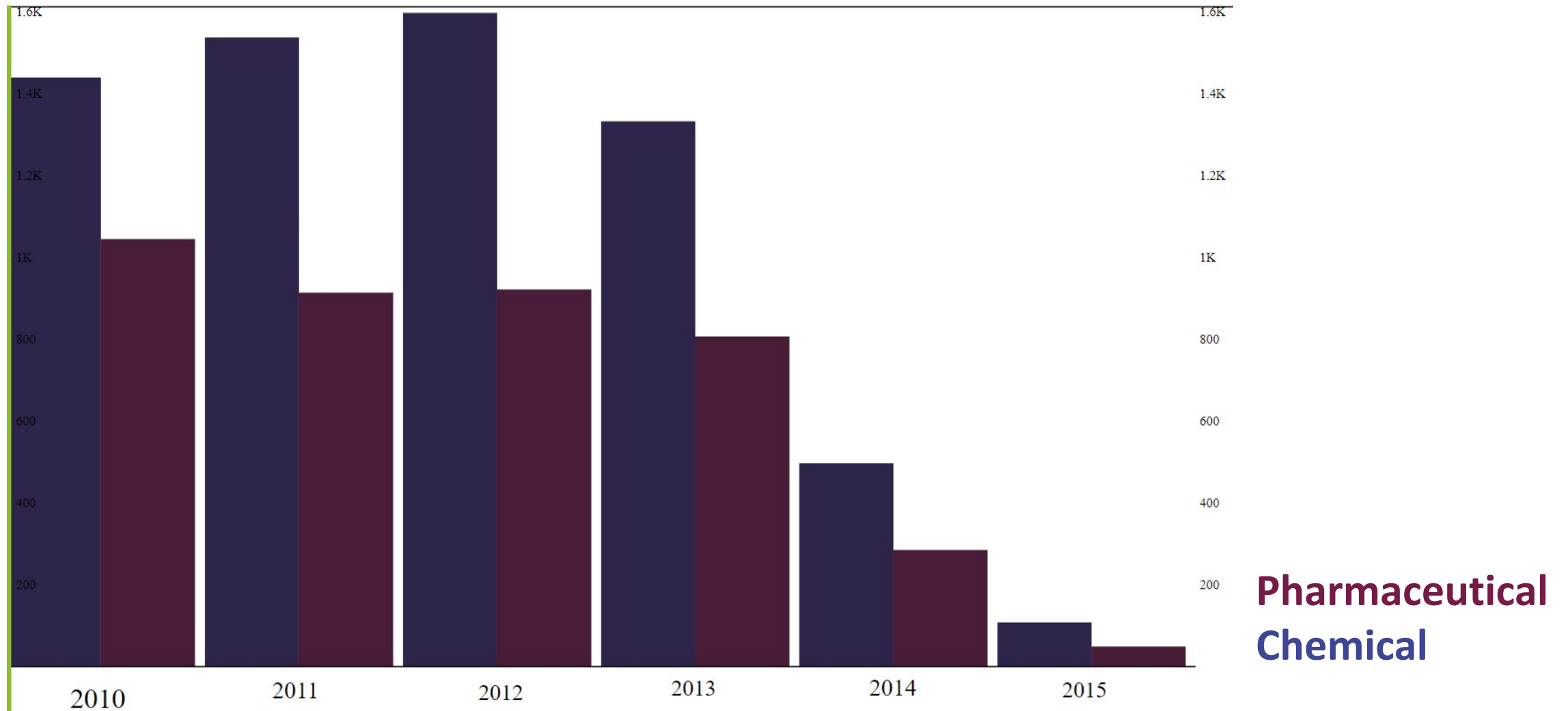
Group 5:

Valentina Bucaioni, University of Siena (Italy)

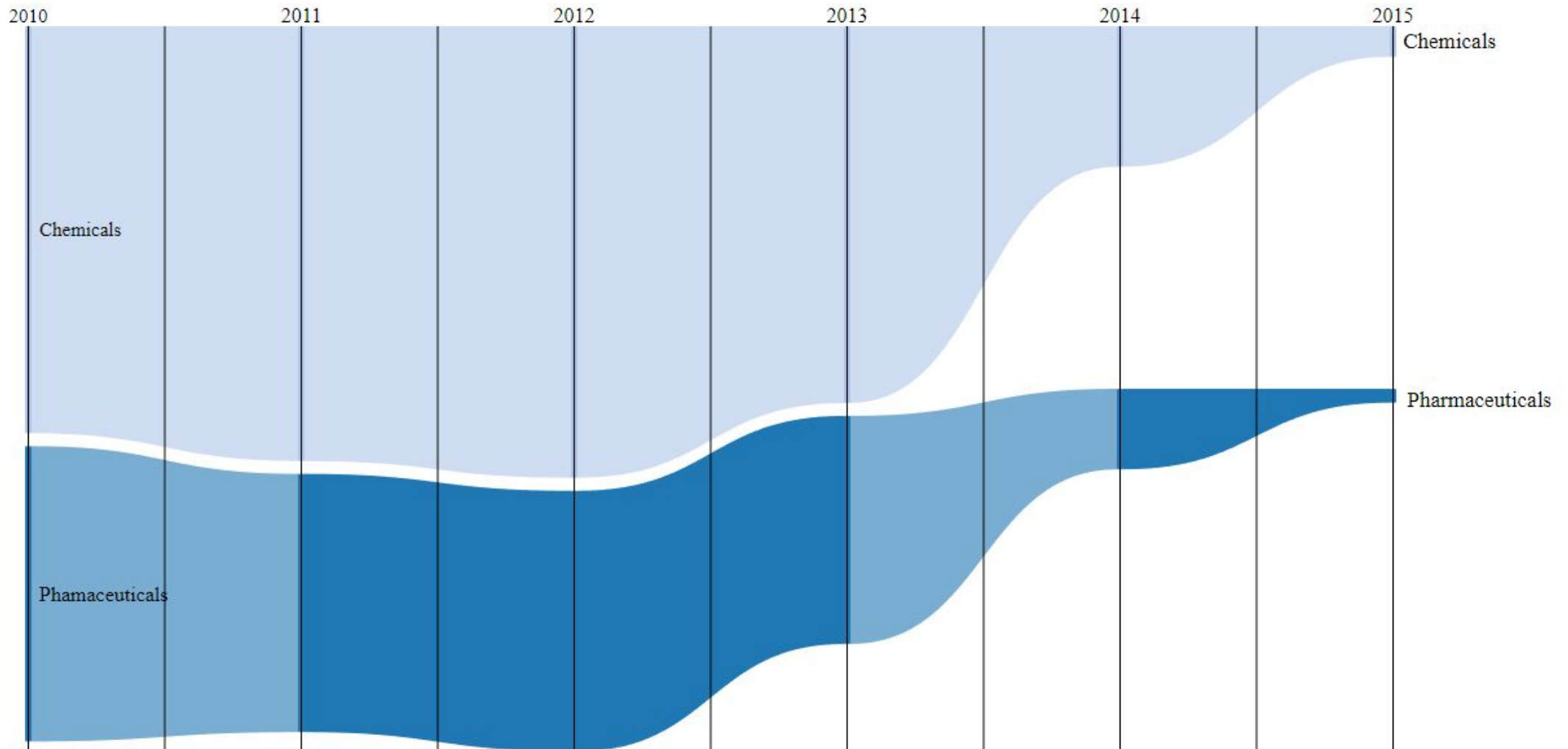
Özgür Özer, METU (Turkey)

Mihaela Covrig, Bucharest University of Economic Studies (Romania)

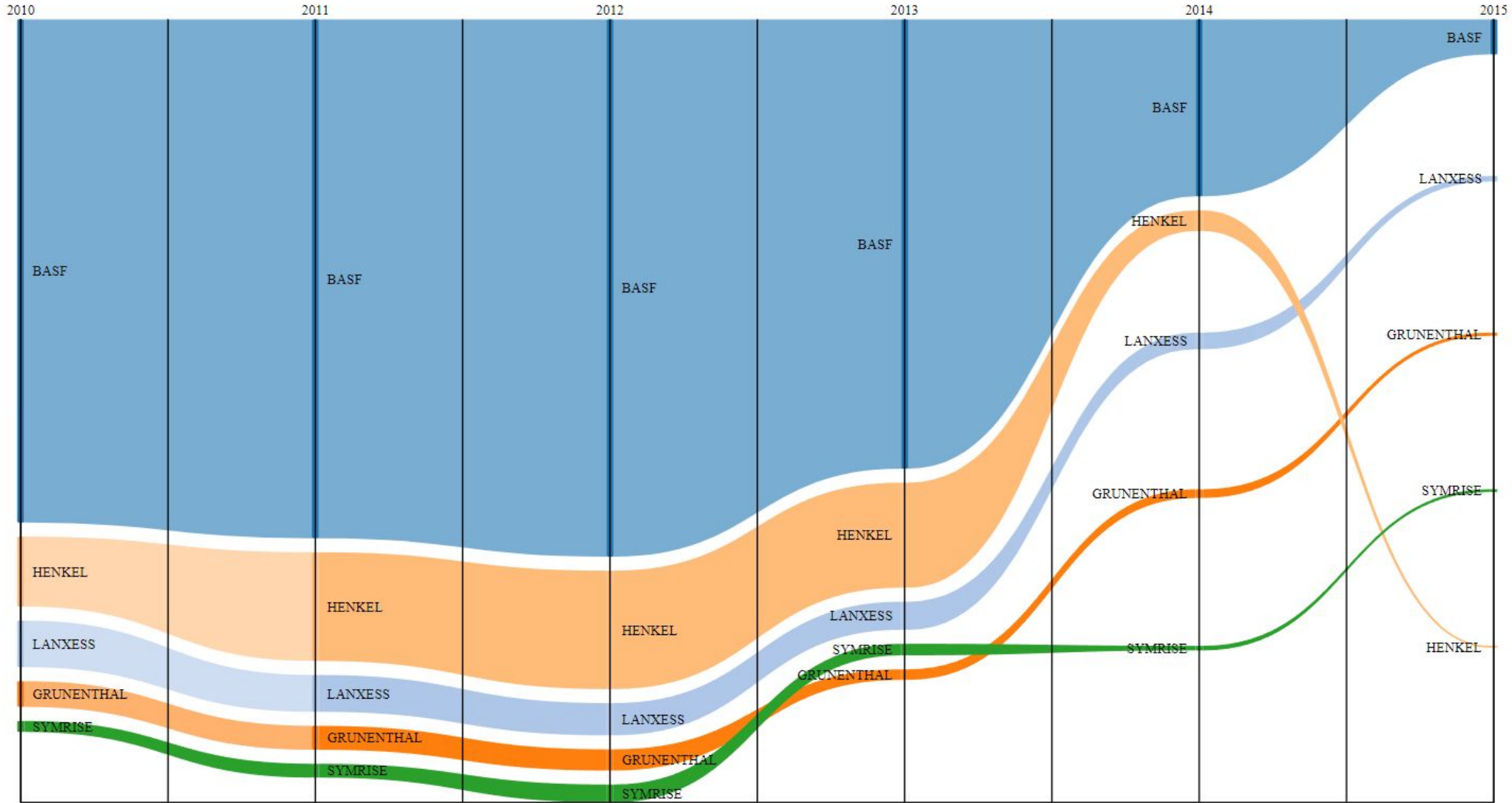
Comparison between chem and pharma #patents - Histogram



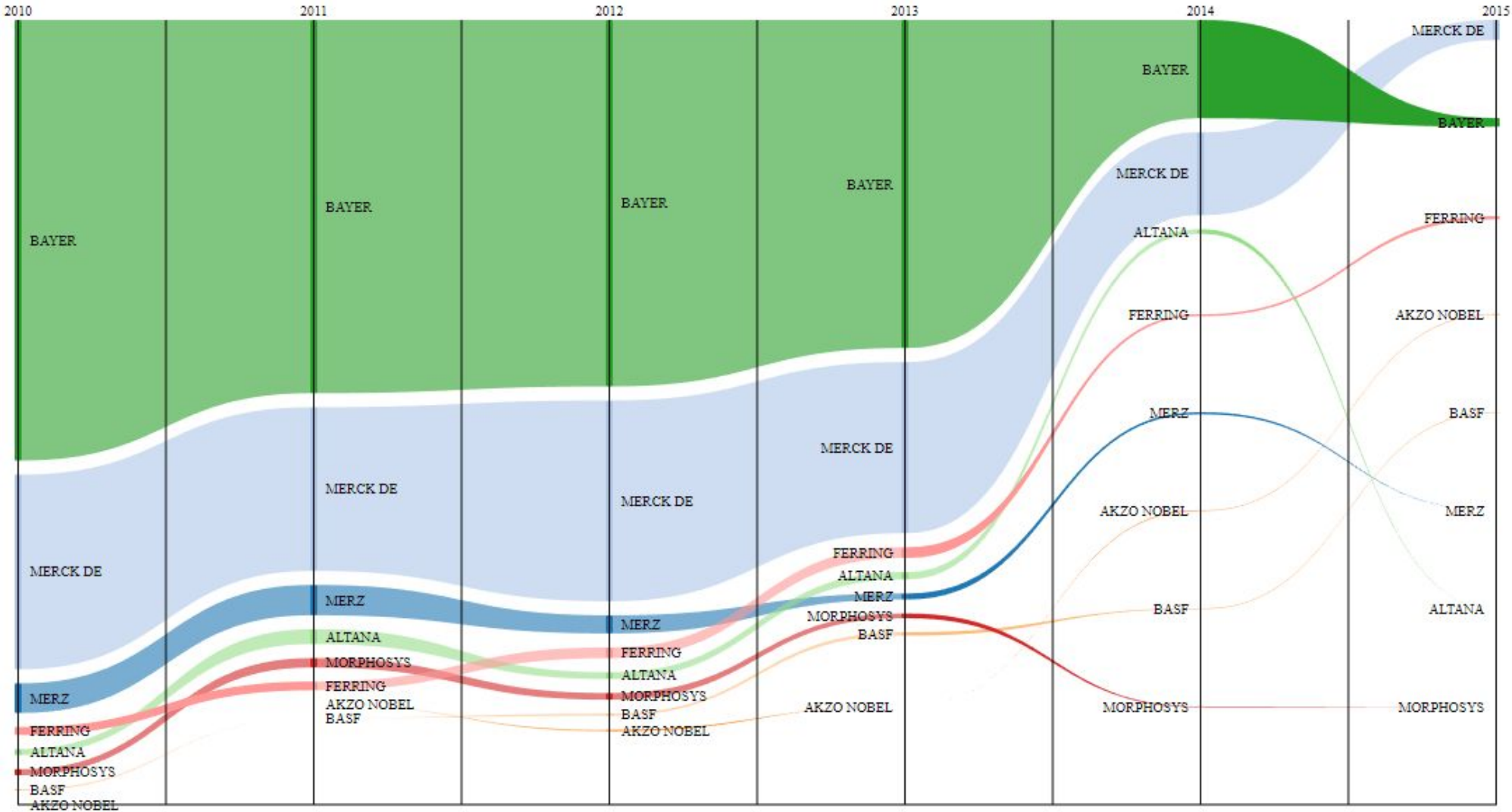
Comparison between chem and pharma patents - Bump Graph



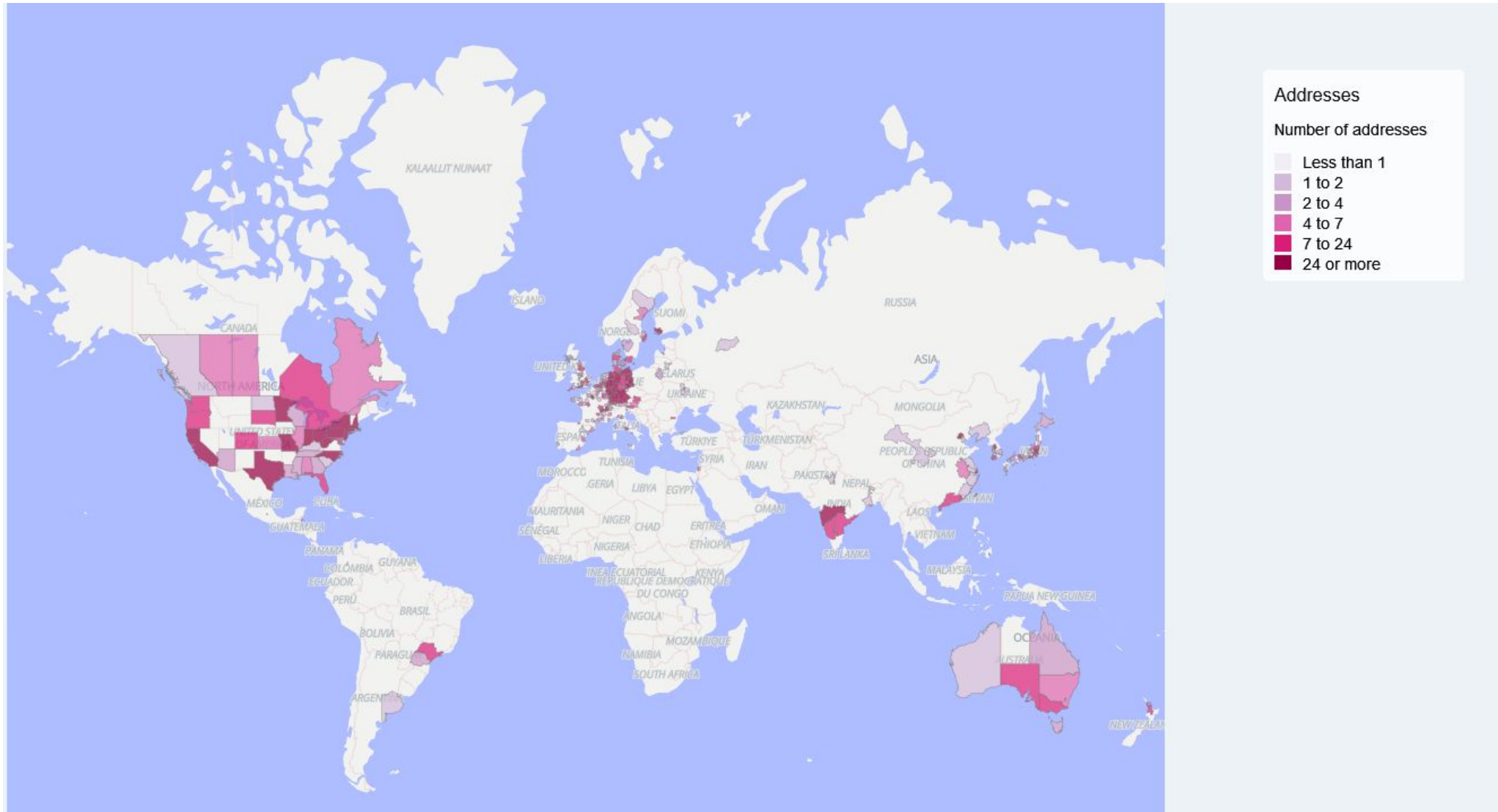
Top Chemical Firms - Bump Graph



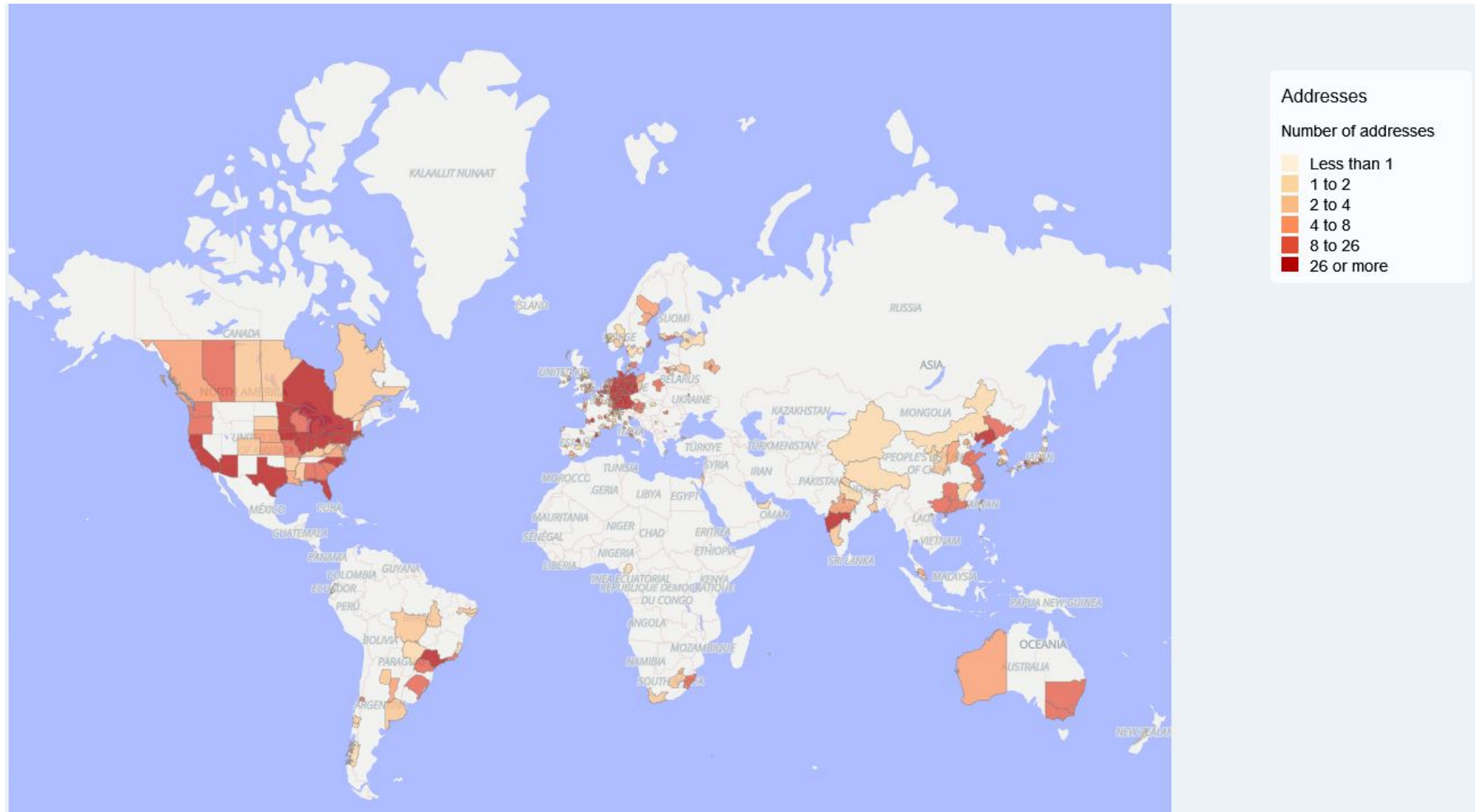
Top Pharma Firms - Bump Graph



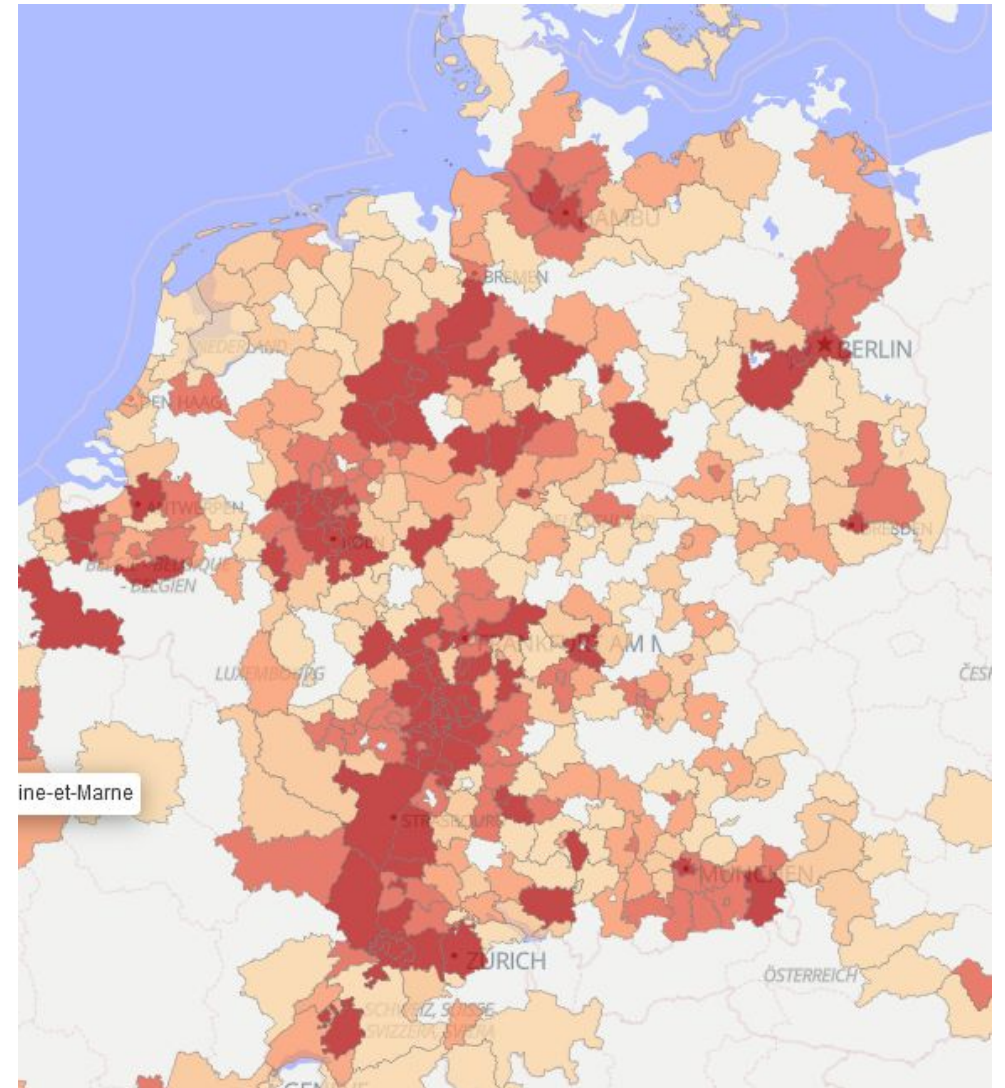
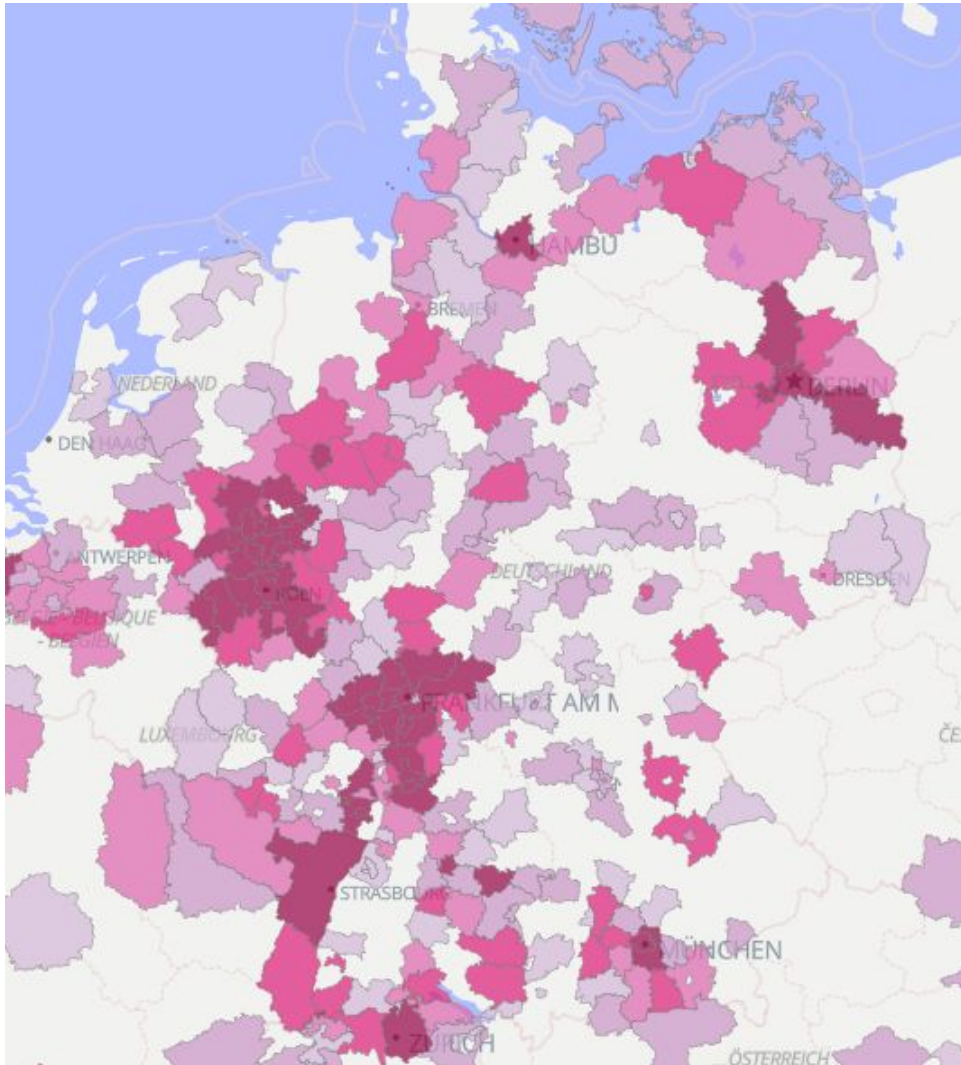
Spatial worldwide distribution of inventors - Pharma



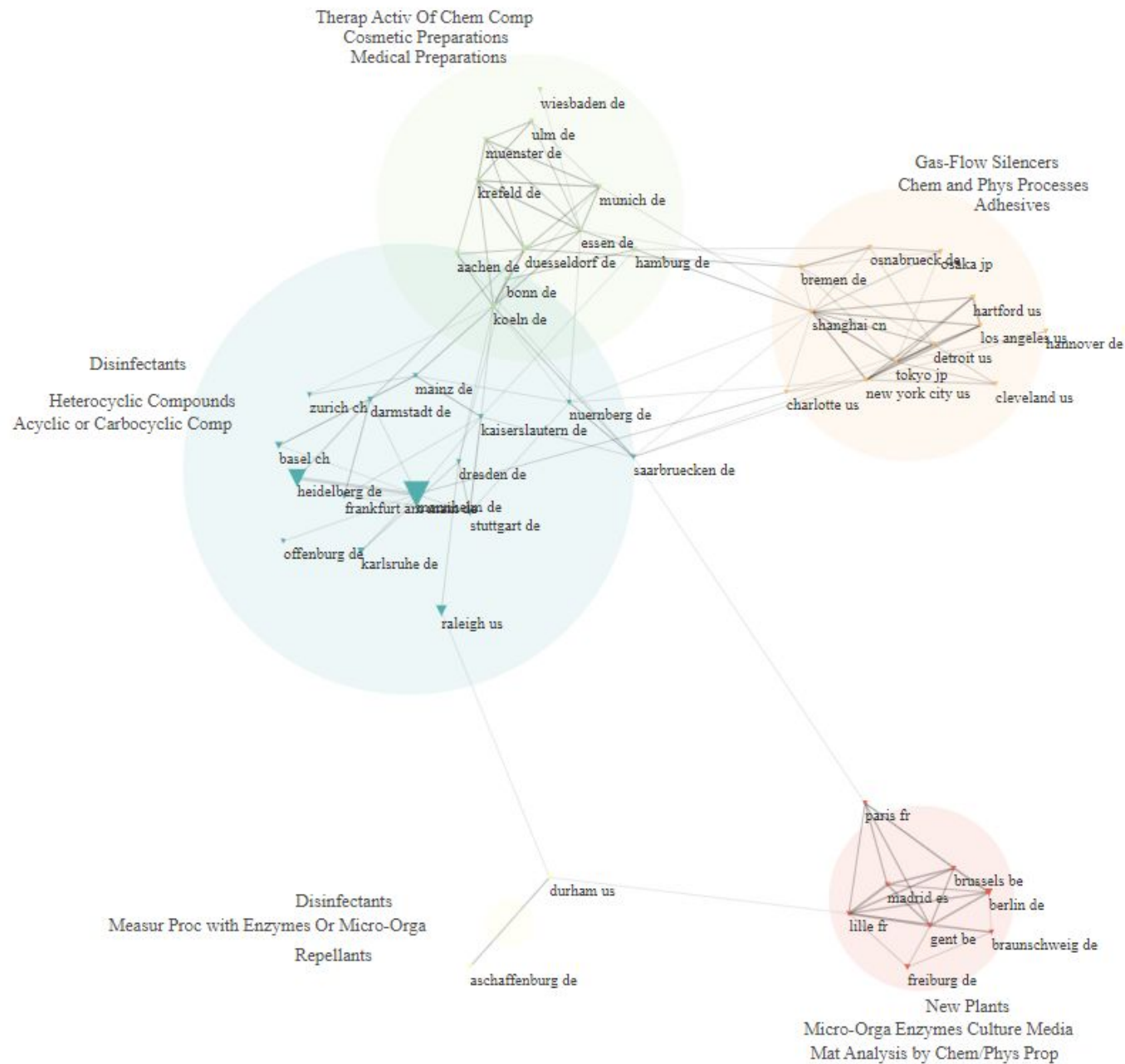
Spatial worldwide distribution of inventors - Chemical



Spatial German distribution of inventors - Pharma VS Chem



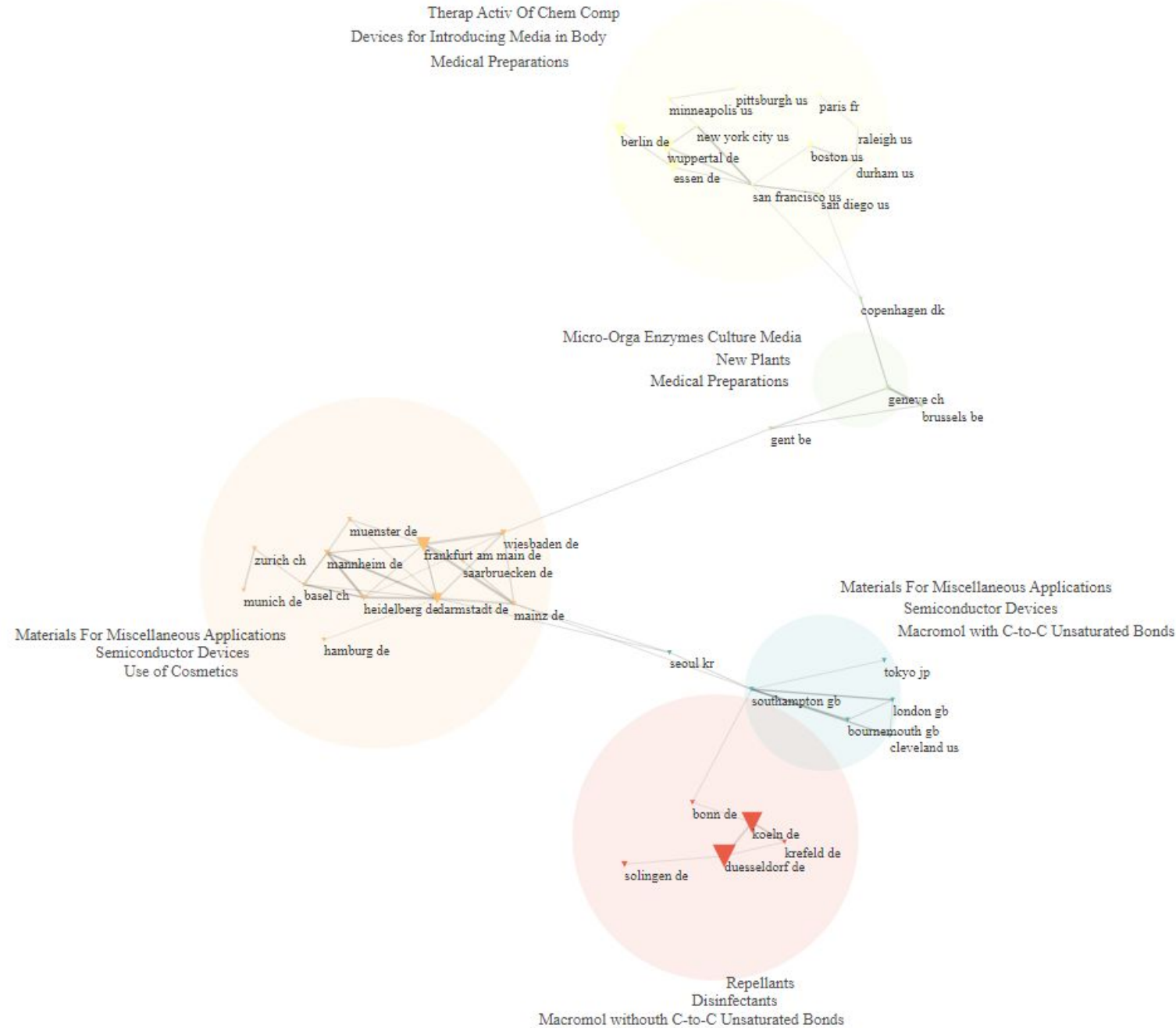
Technological clusters among Chemical industries



Technological clusters among Pharma industries

Pharma

2010-2015



Contingency matrix Firm and sector

