

Correspondence Analysis (CA)

Interlude

Example: Foods Of the World

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The Data

- From the site Epicurious
- and from <https://www.r-bloggers.com/a-visualization-of-world-cui> (posted December 28, 2015).
- Around 13,000 recipes
 - 26 “Countries / Cuisines”
 - 86 Ingredients (after much cleaning of 350 original ingredients)



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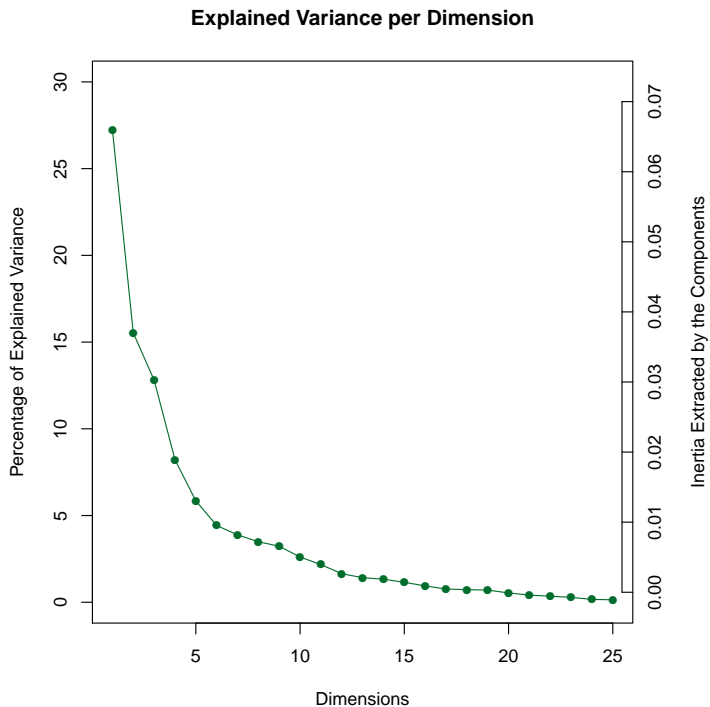
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Go for CA. (The Scree of the Eigenvalues)



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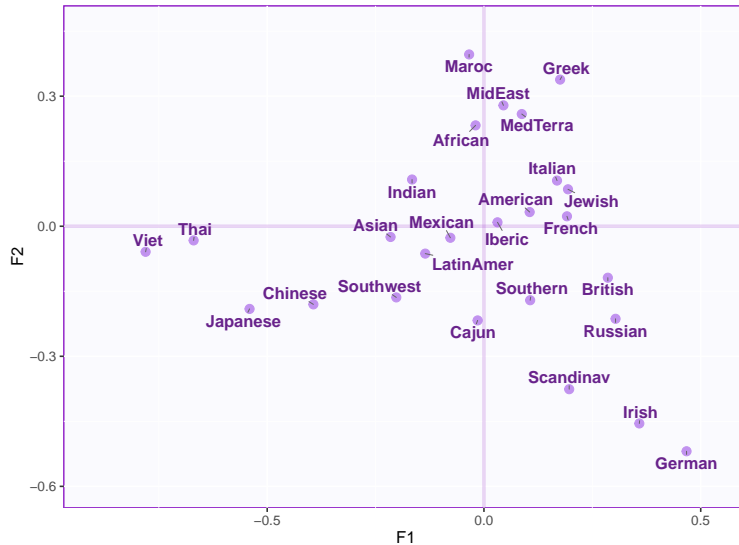
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CA: Cuisines Symmetric plot



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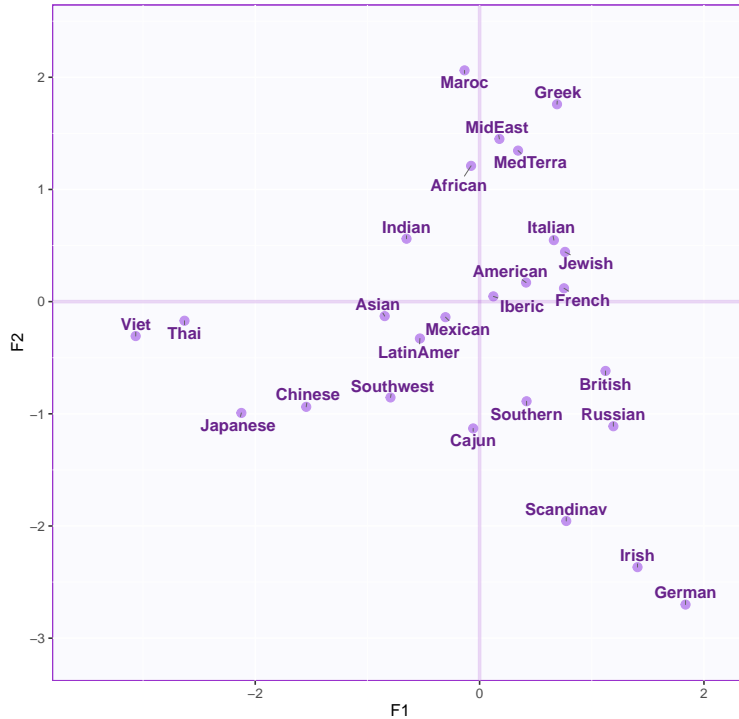
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CA: Cuisines Asymmetric plot



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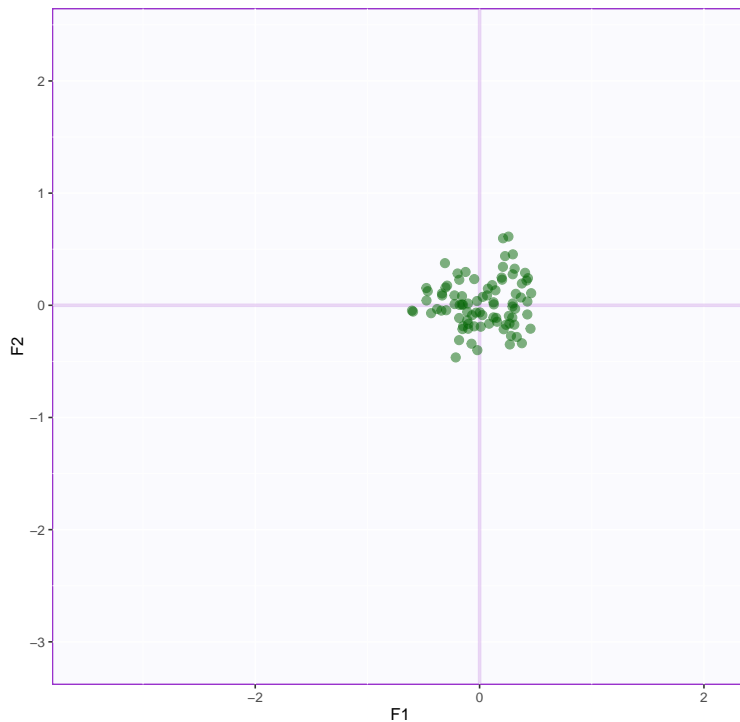
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CA: Ingredients (Same Scale)



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