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Does the diversity of the French territories impact farms keeping equines?

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du **cheval**
et de l'**équitation**

Context

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and a large diversity of breeds,
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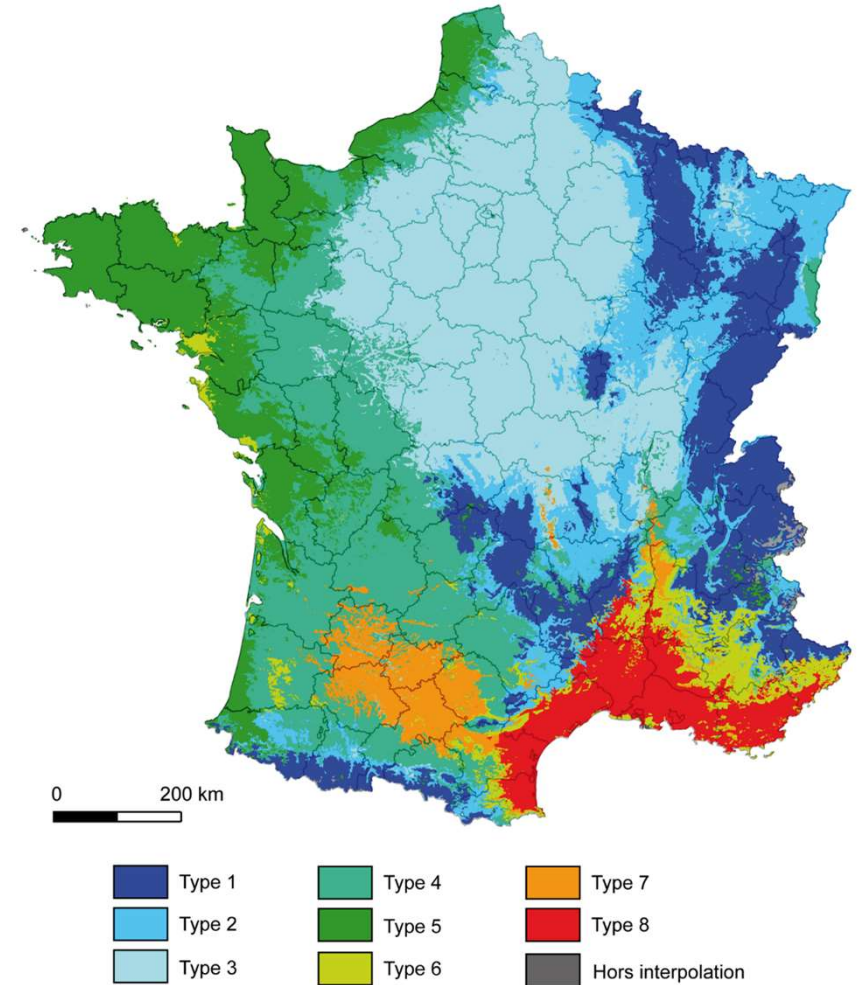
- grassland areas under oceanic influence in the west
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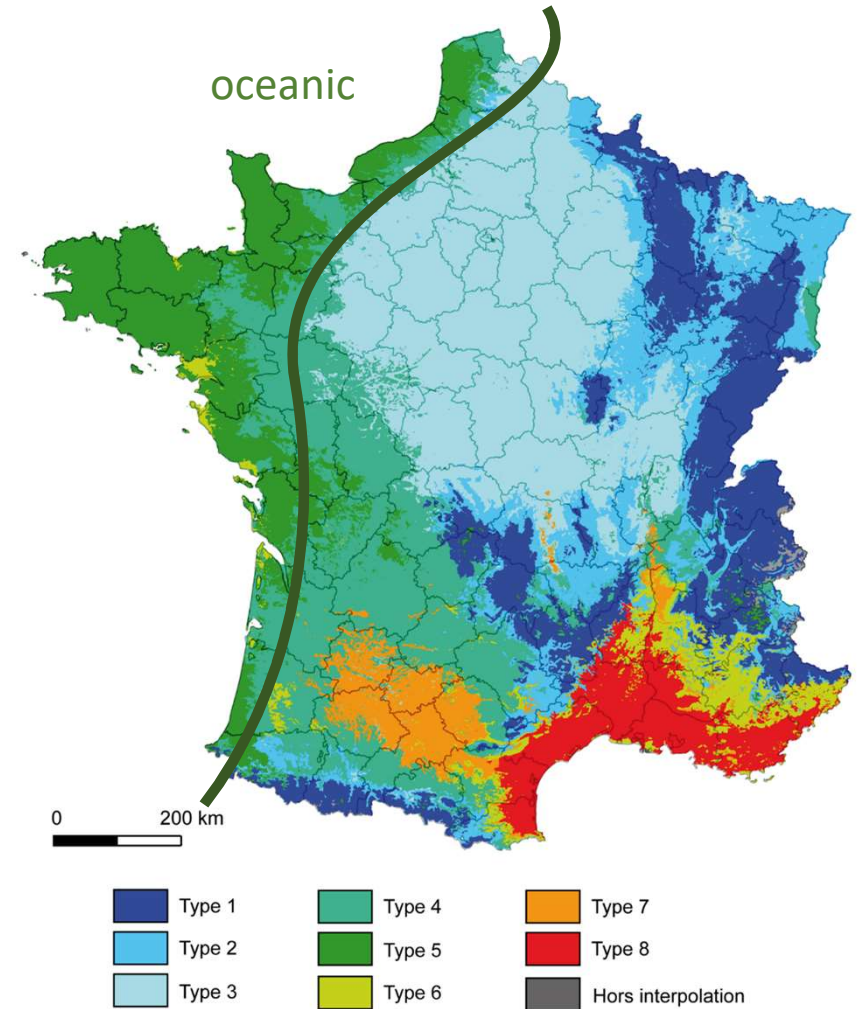
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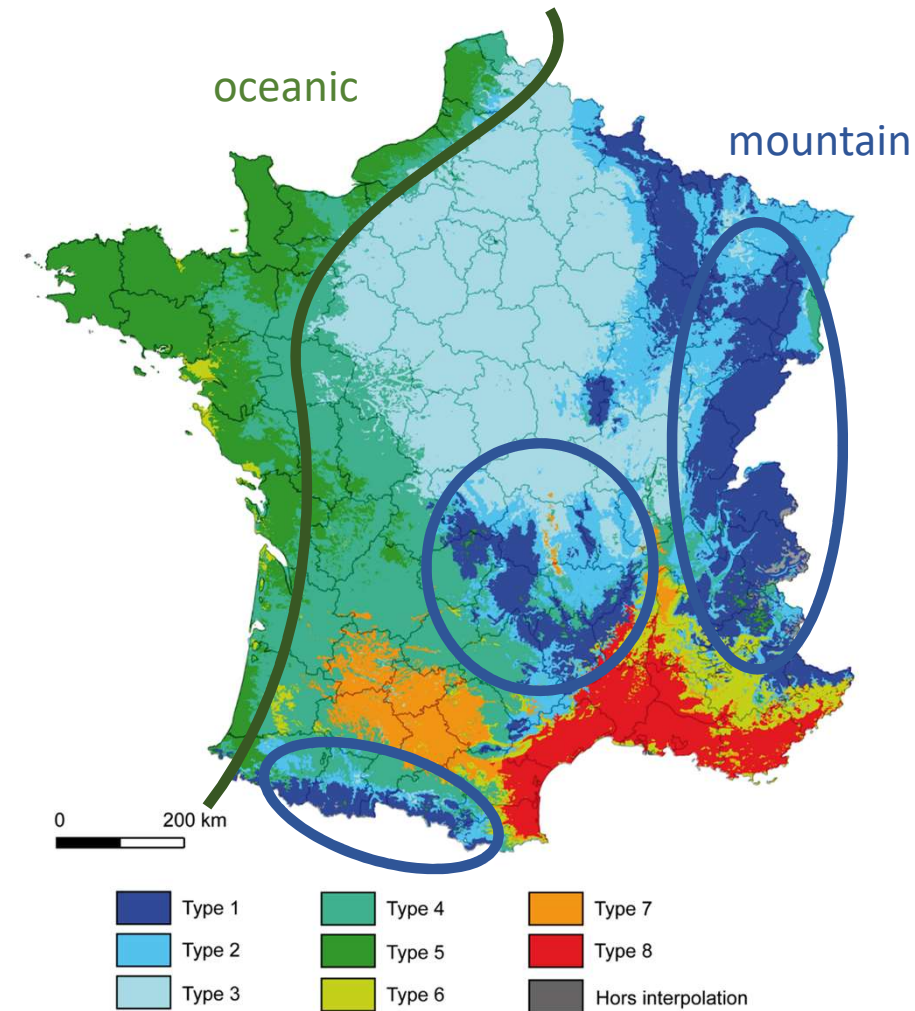
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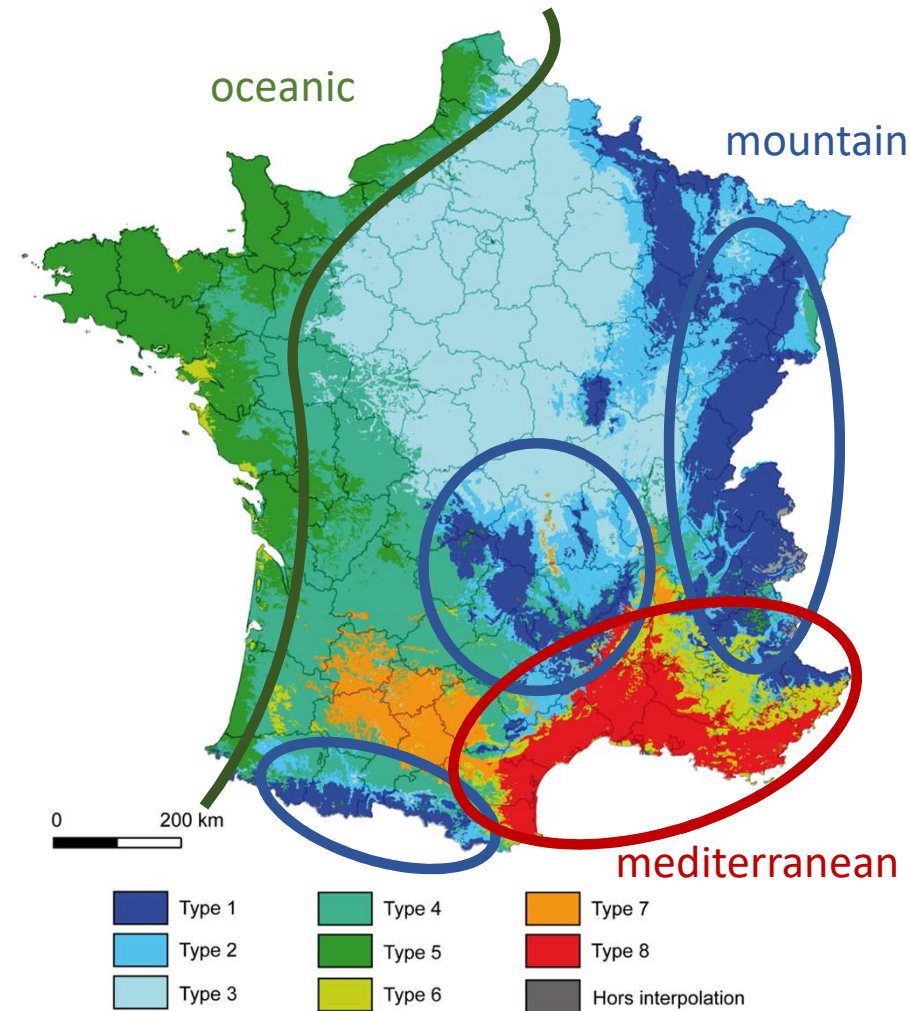
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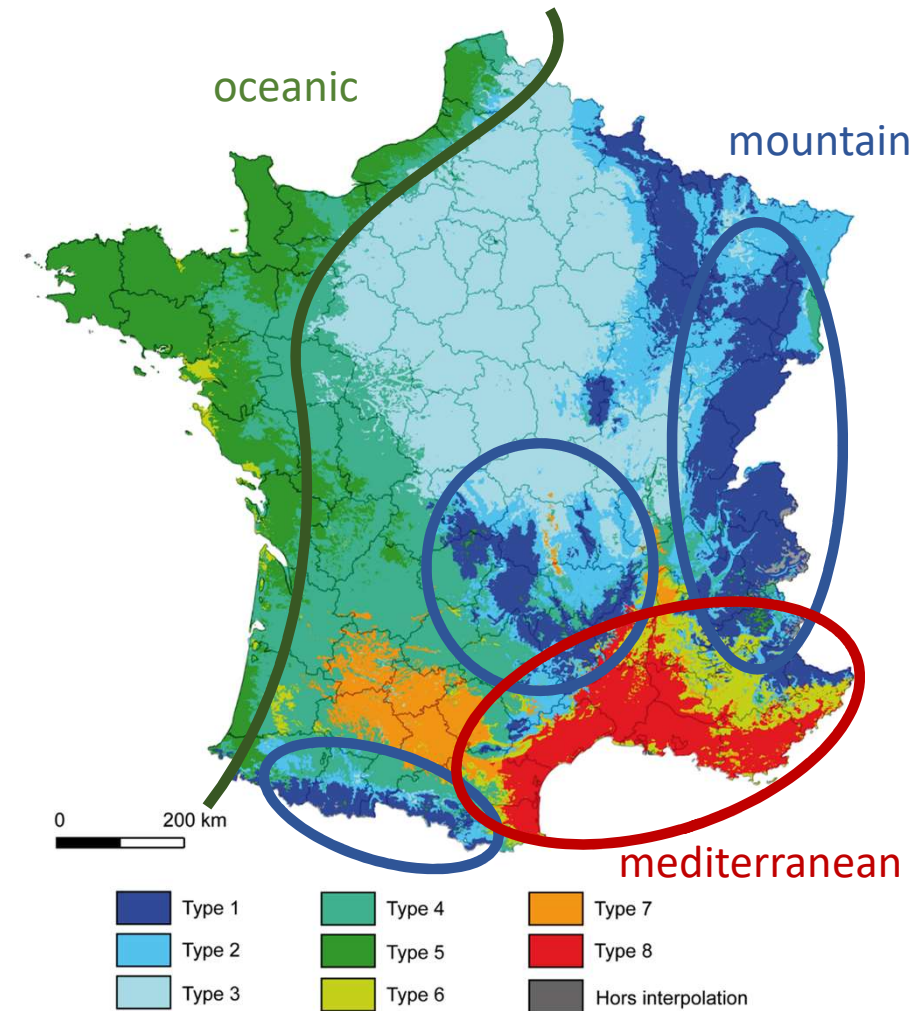
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How the diversity of equines reflects the diversity of French territories?

→ Important because agricultural support policies, notably for the equine sector, are regionalised, and suppose a good knowledge of the local diversity



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→ a significant sample of the French equine industry (about 50% of the national herd)

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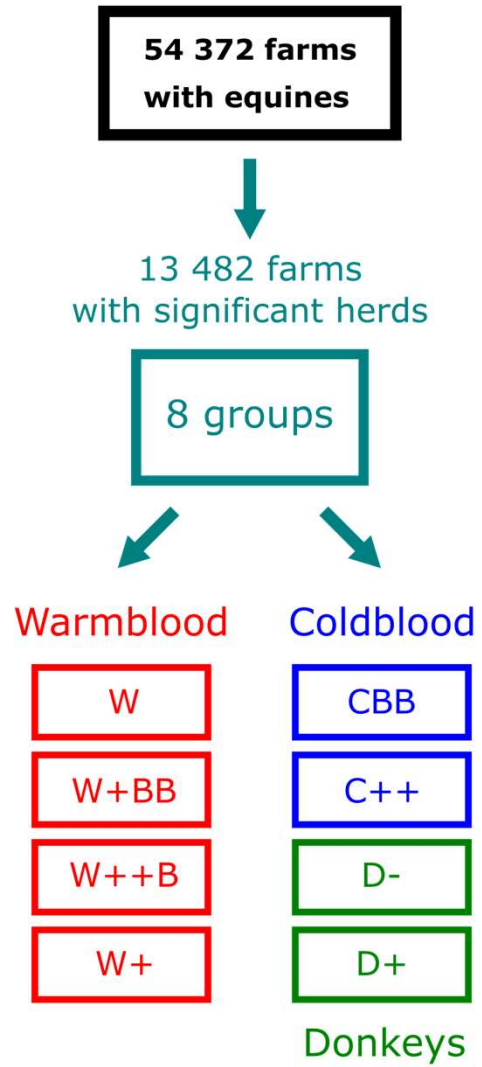
Outline:

- Previous works
- Methodology
- Results

Farms with equines

**54 372 farms
with equines**

Farms with equines



Farms with equines

54 372 farms
with equines



13 482 farms
with significant herds

8 groups



Warmblood

Coldblood

W

CBB

W+BB

C++

W++B

D-

W+

D+

Donkeys

Typology of
equine herds
based on:

- dominant breed
- herd size (+)
- % of mares (B)

Farms with equines

54 372 farms
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small
herds

40 890 farms
with very
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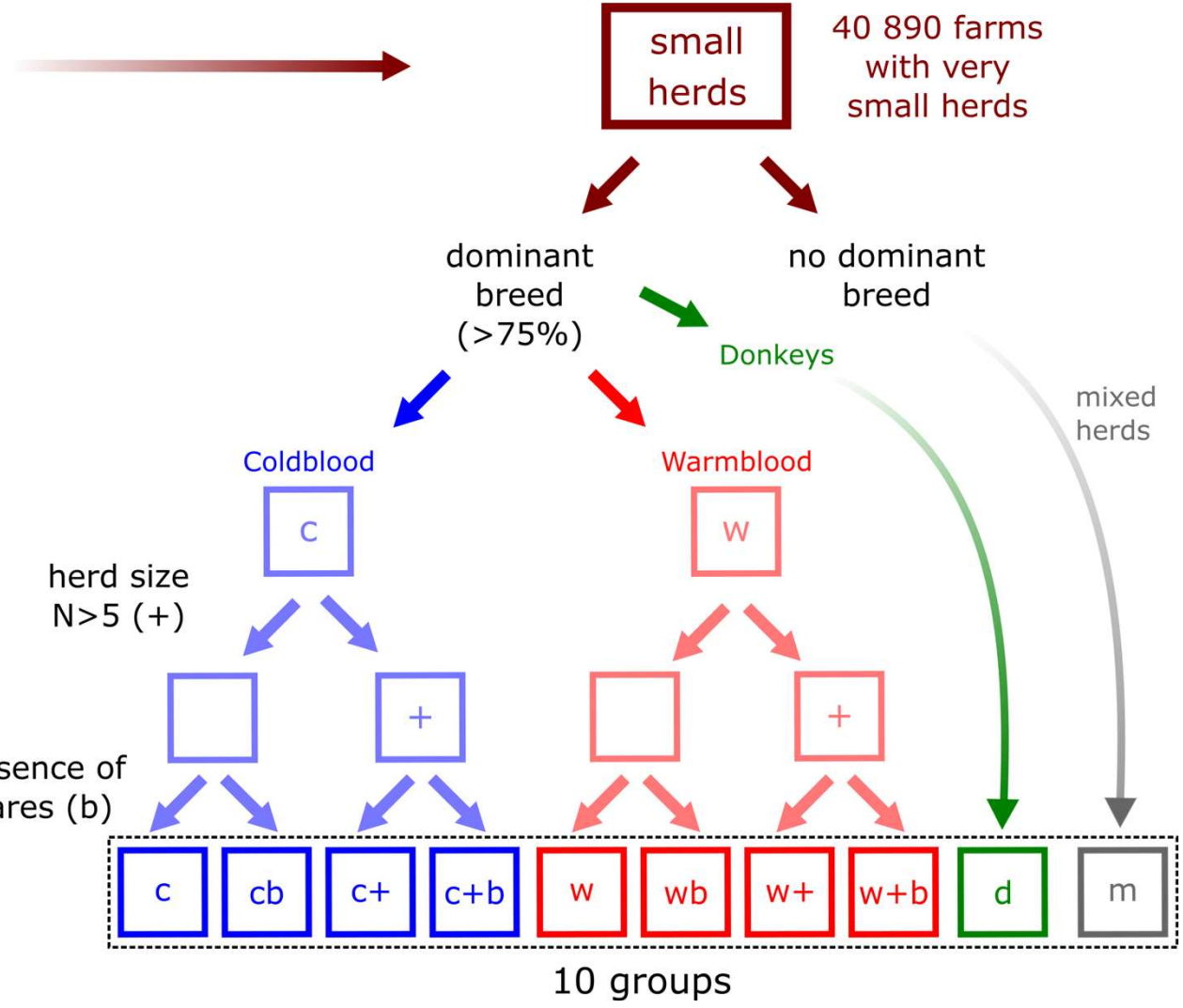
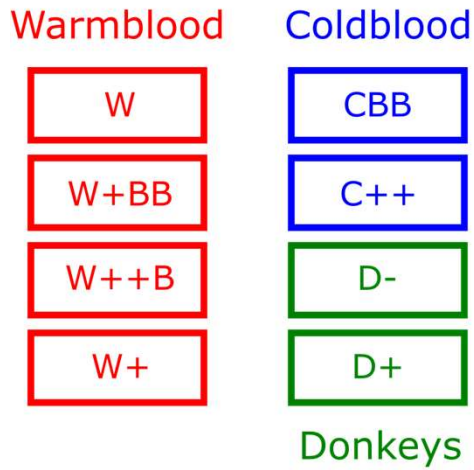
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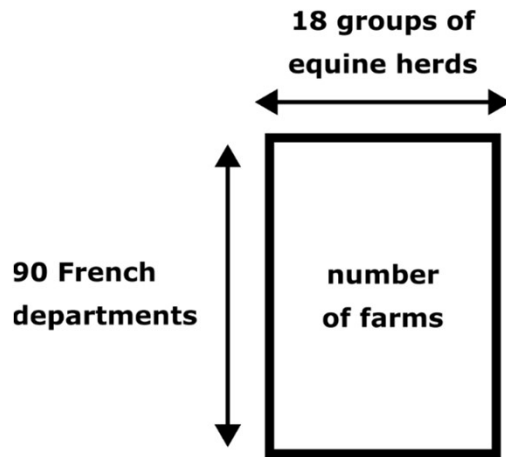


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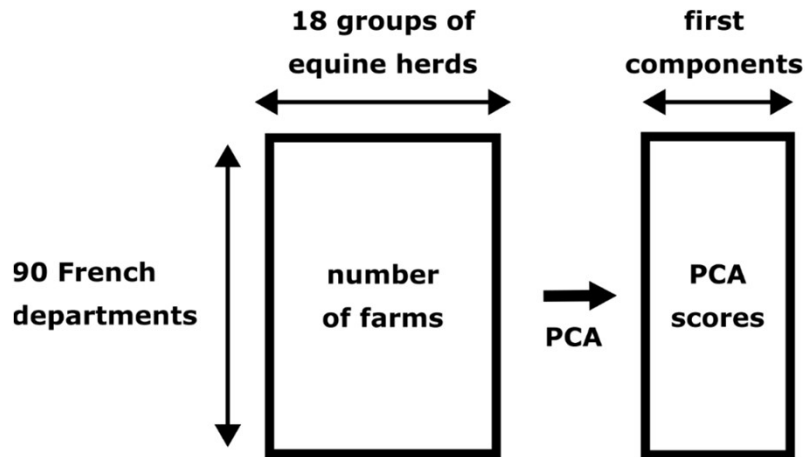
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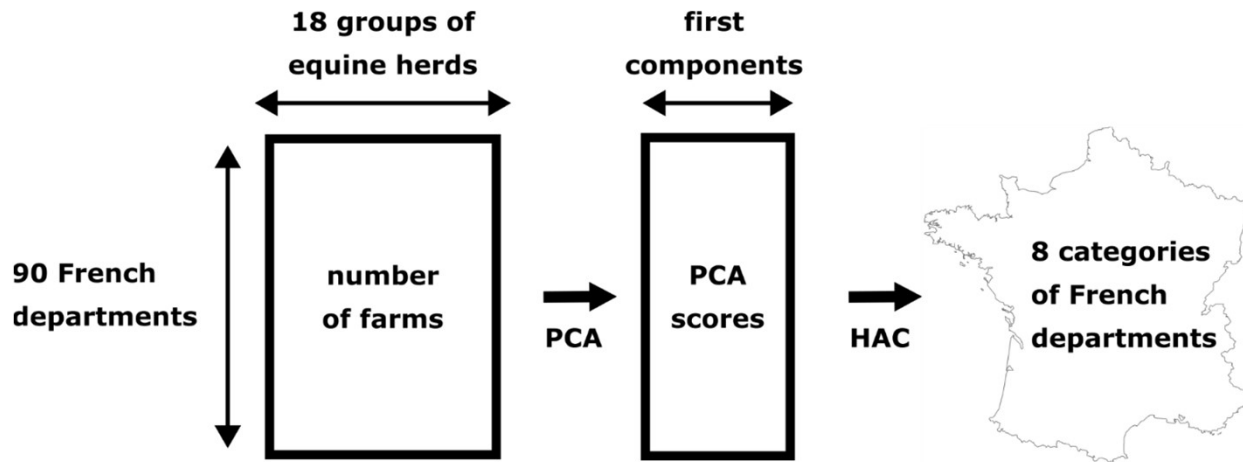
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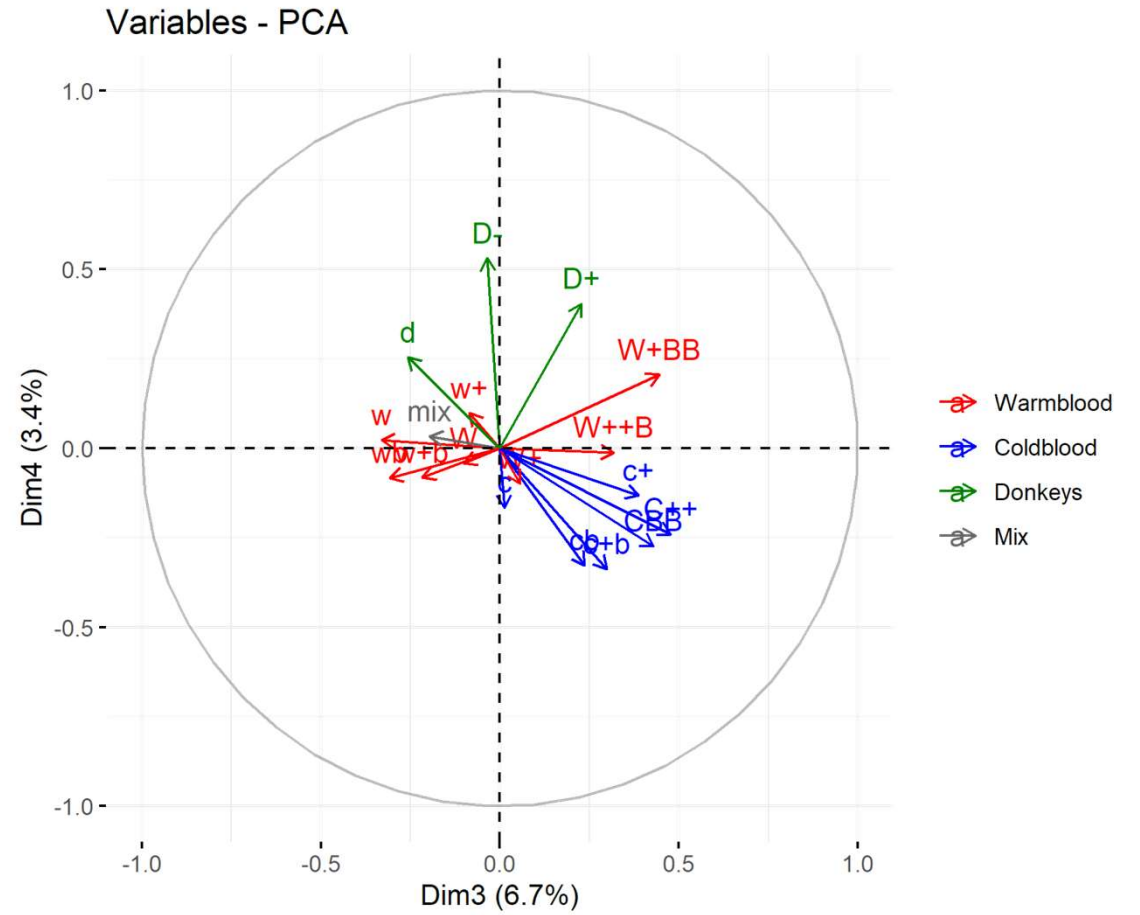
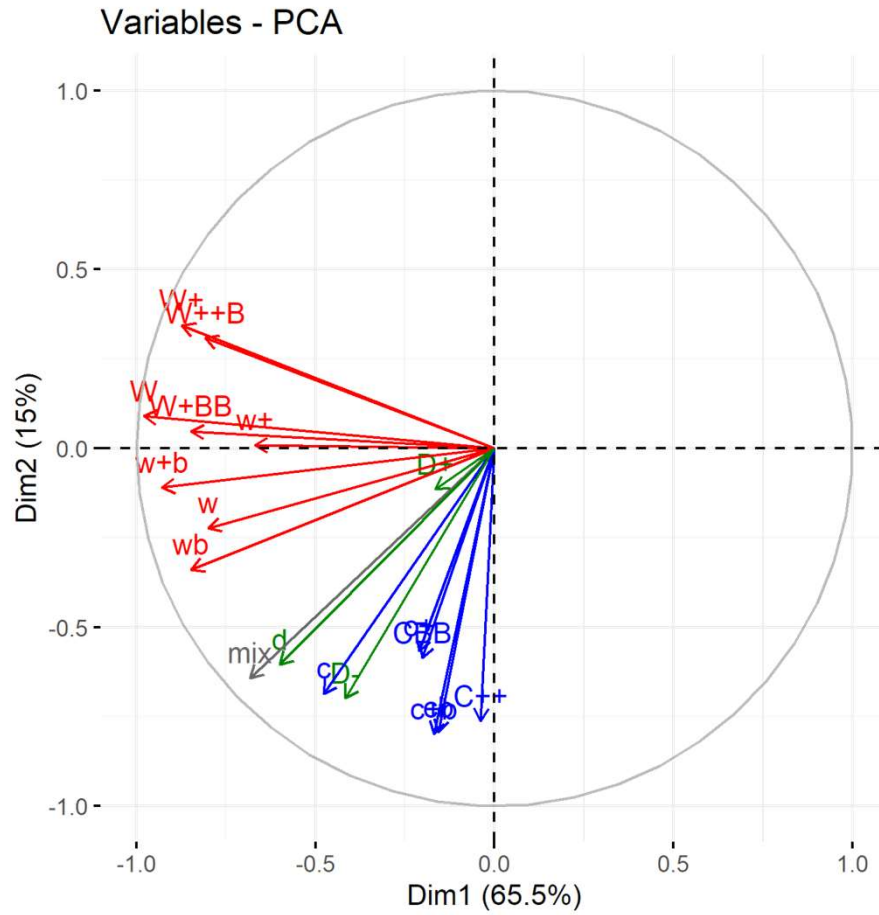


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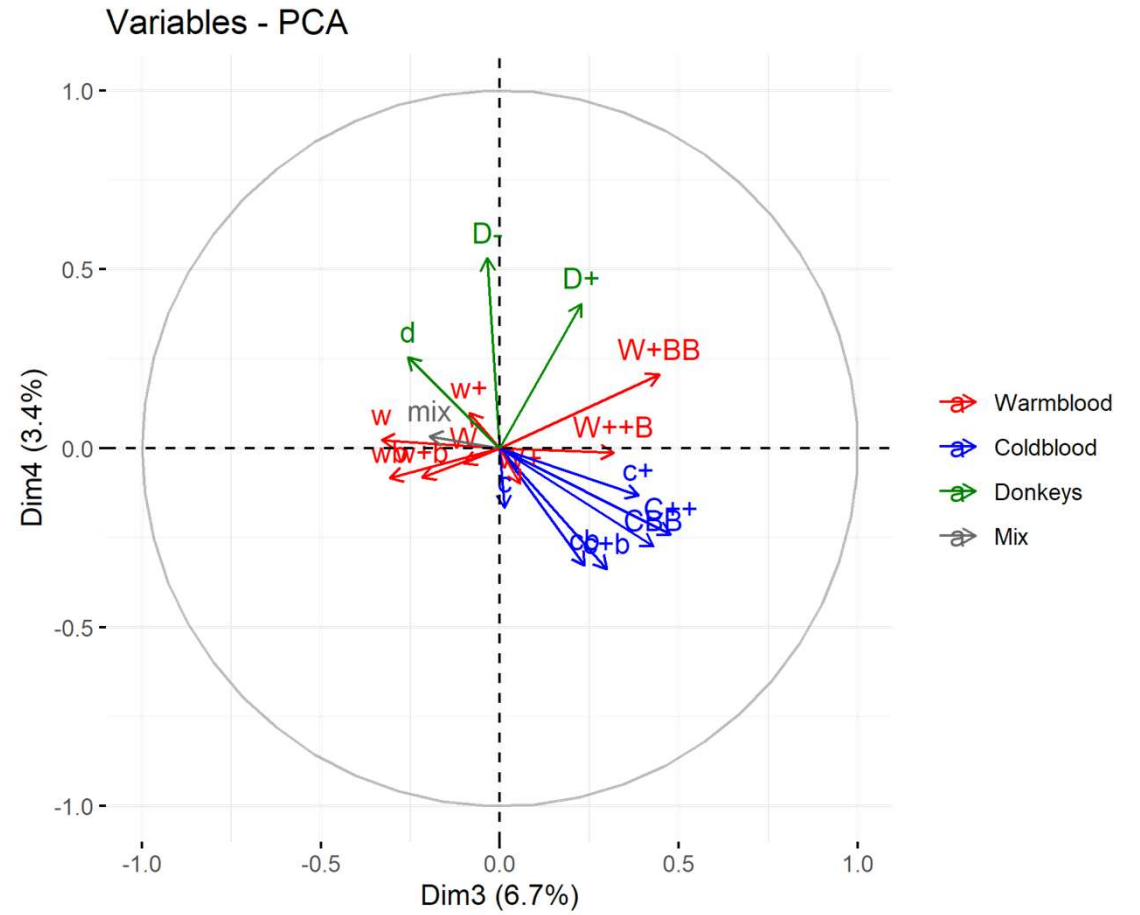
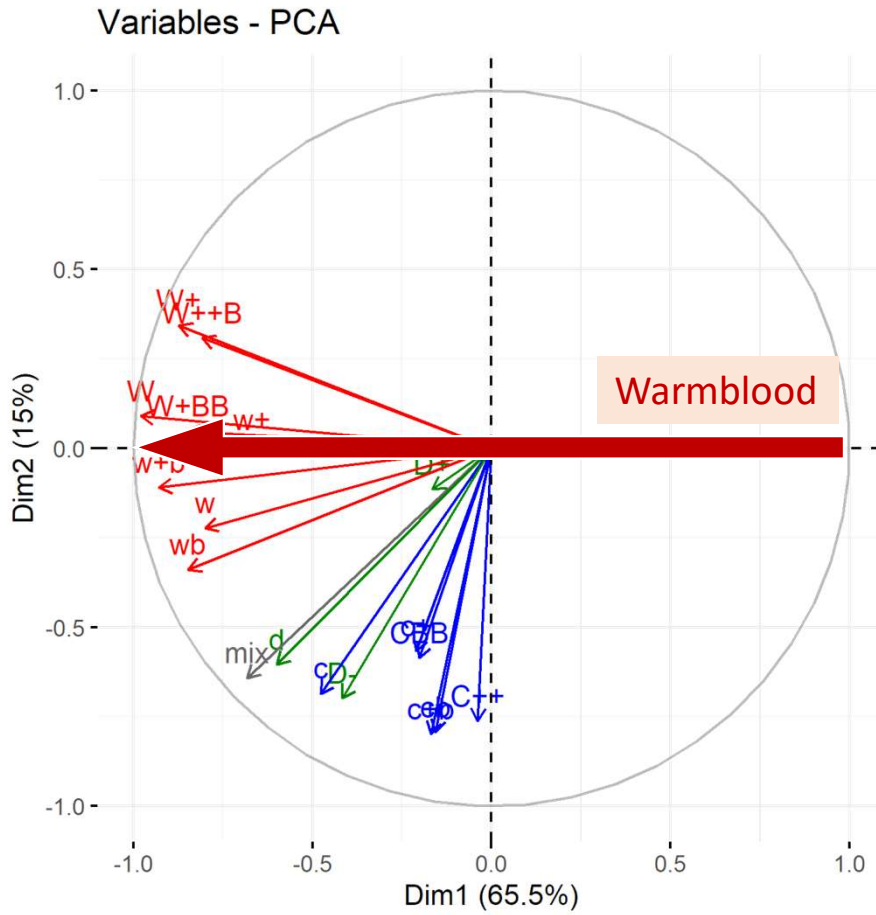
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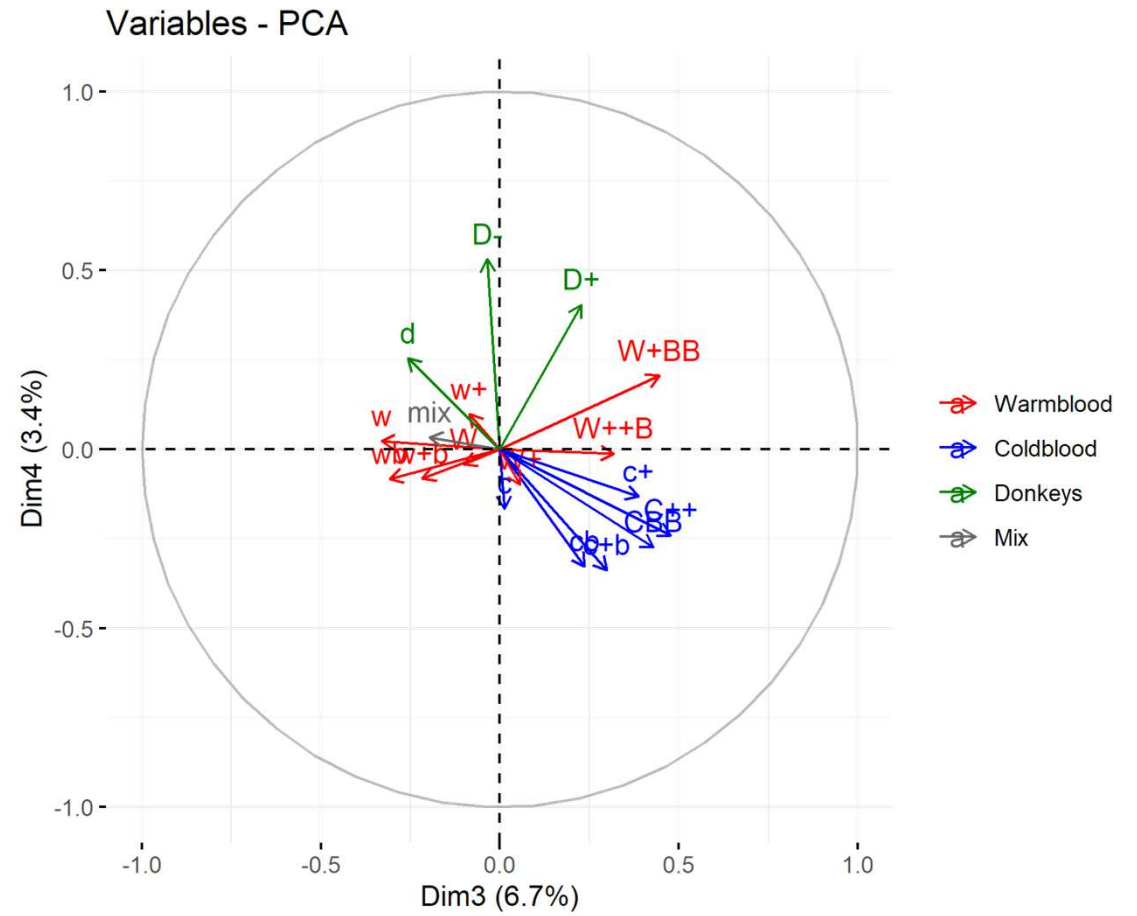
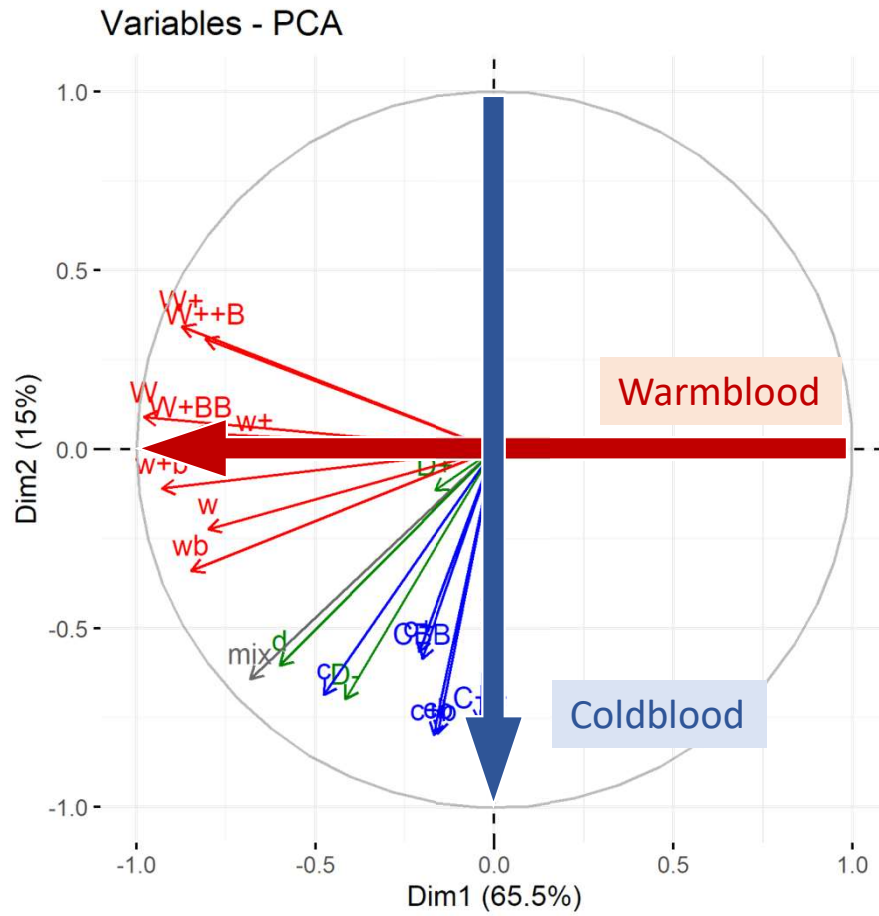
PCA components



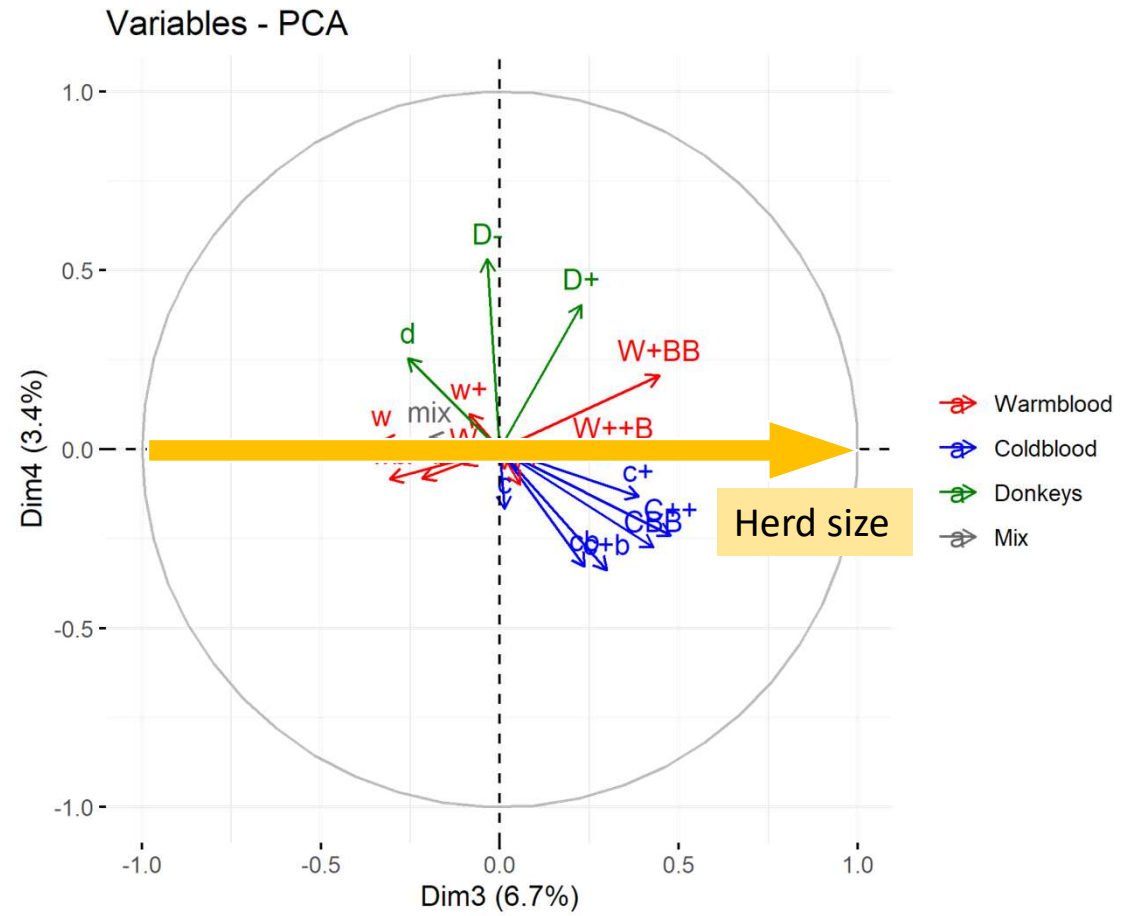
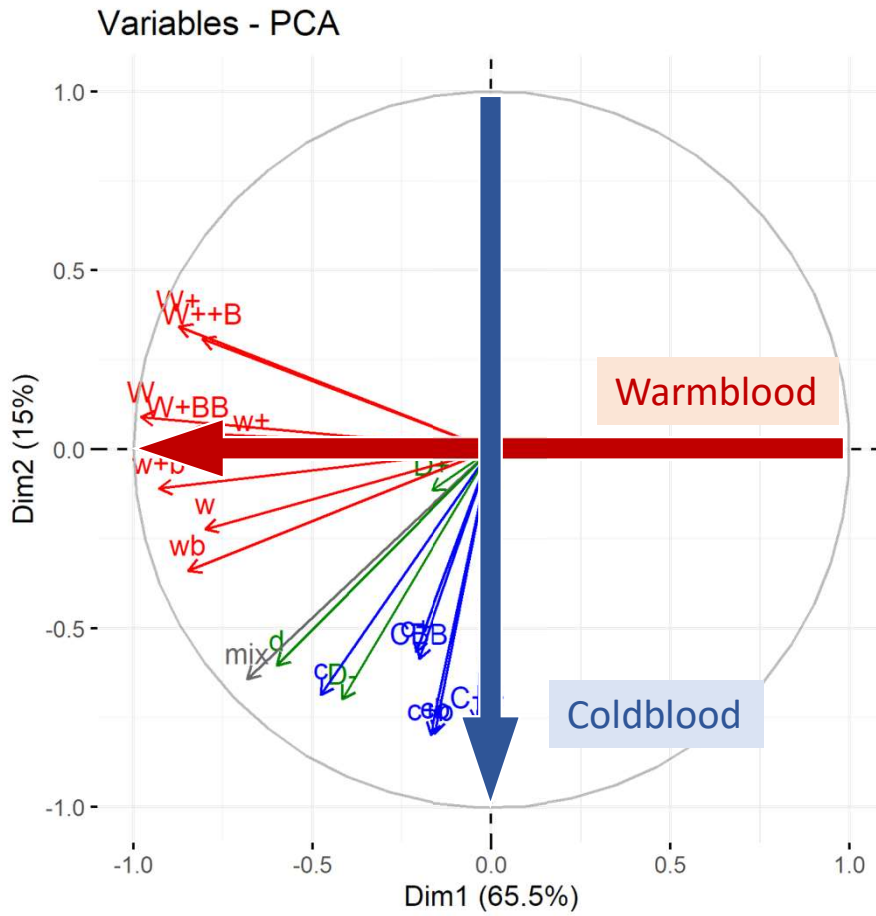
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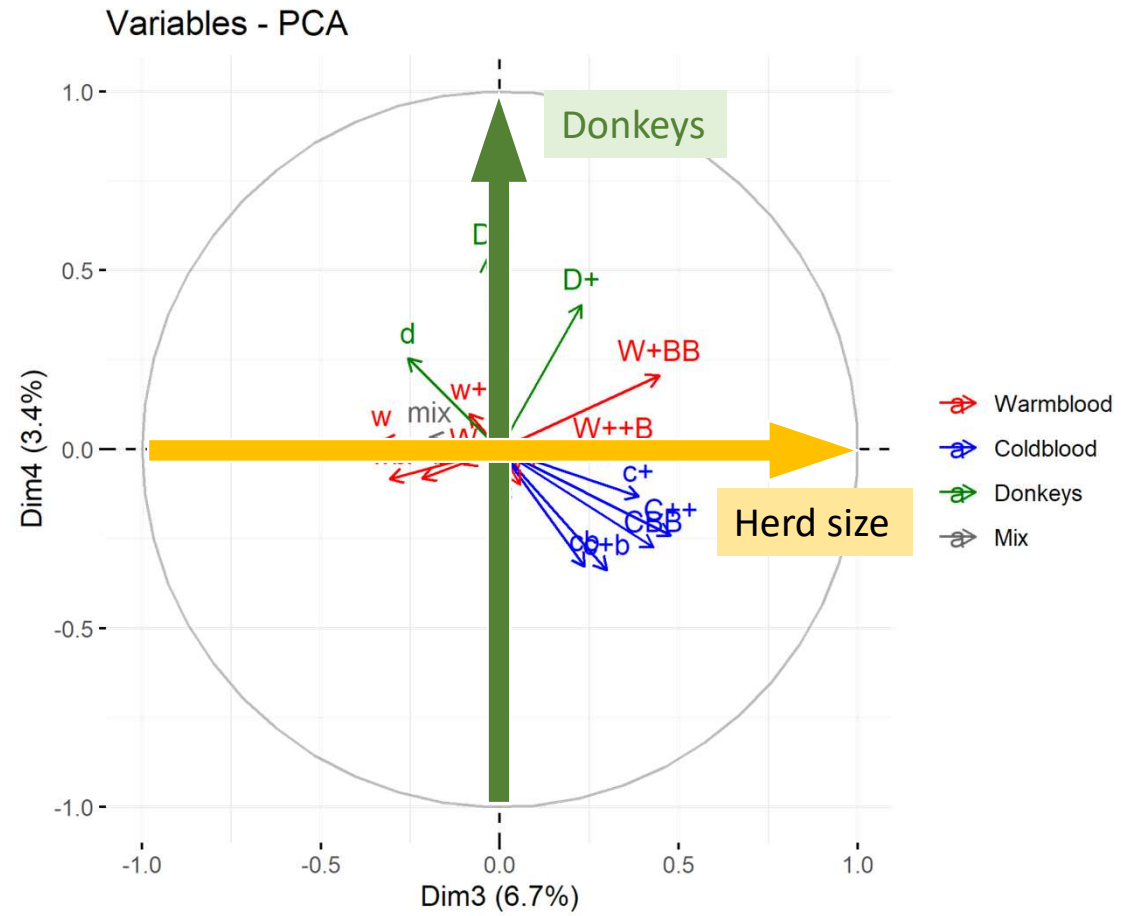
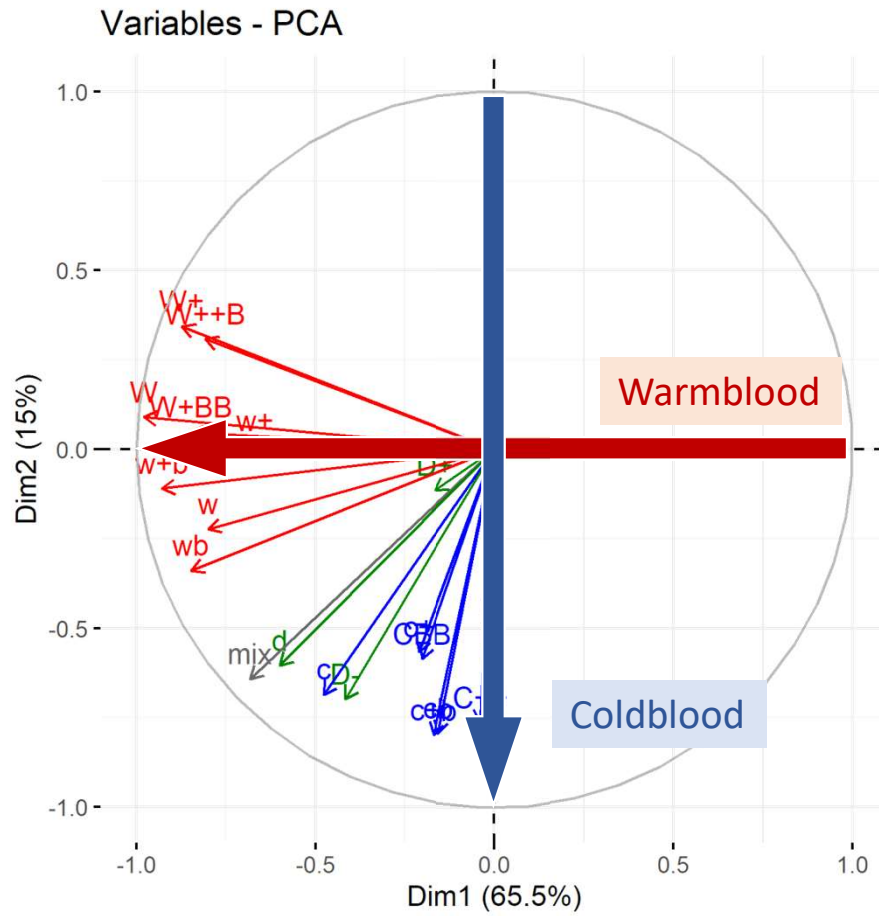
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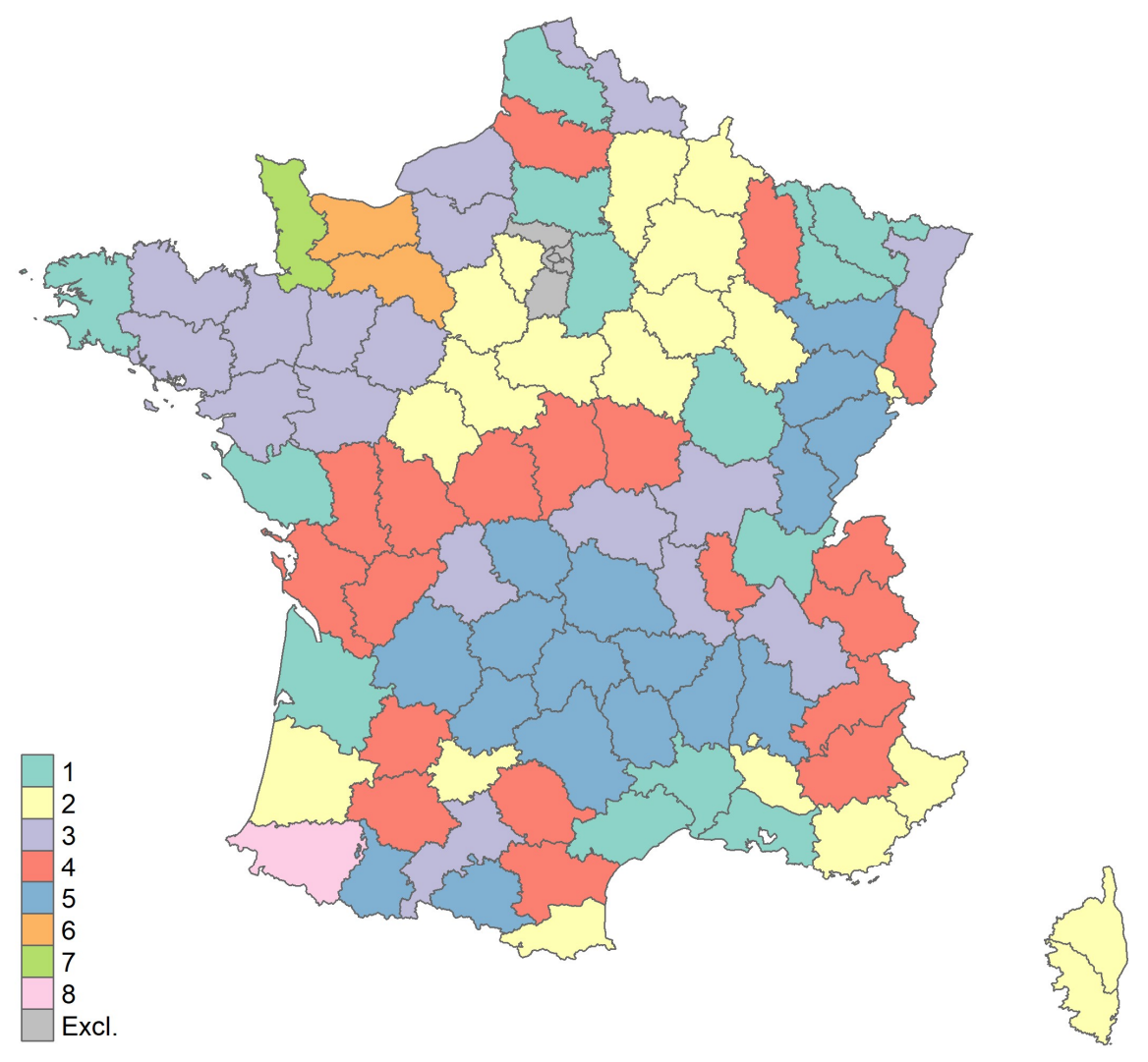
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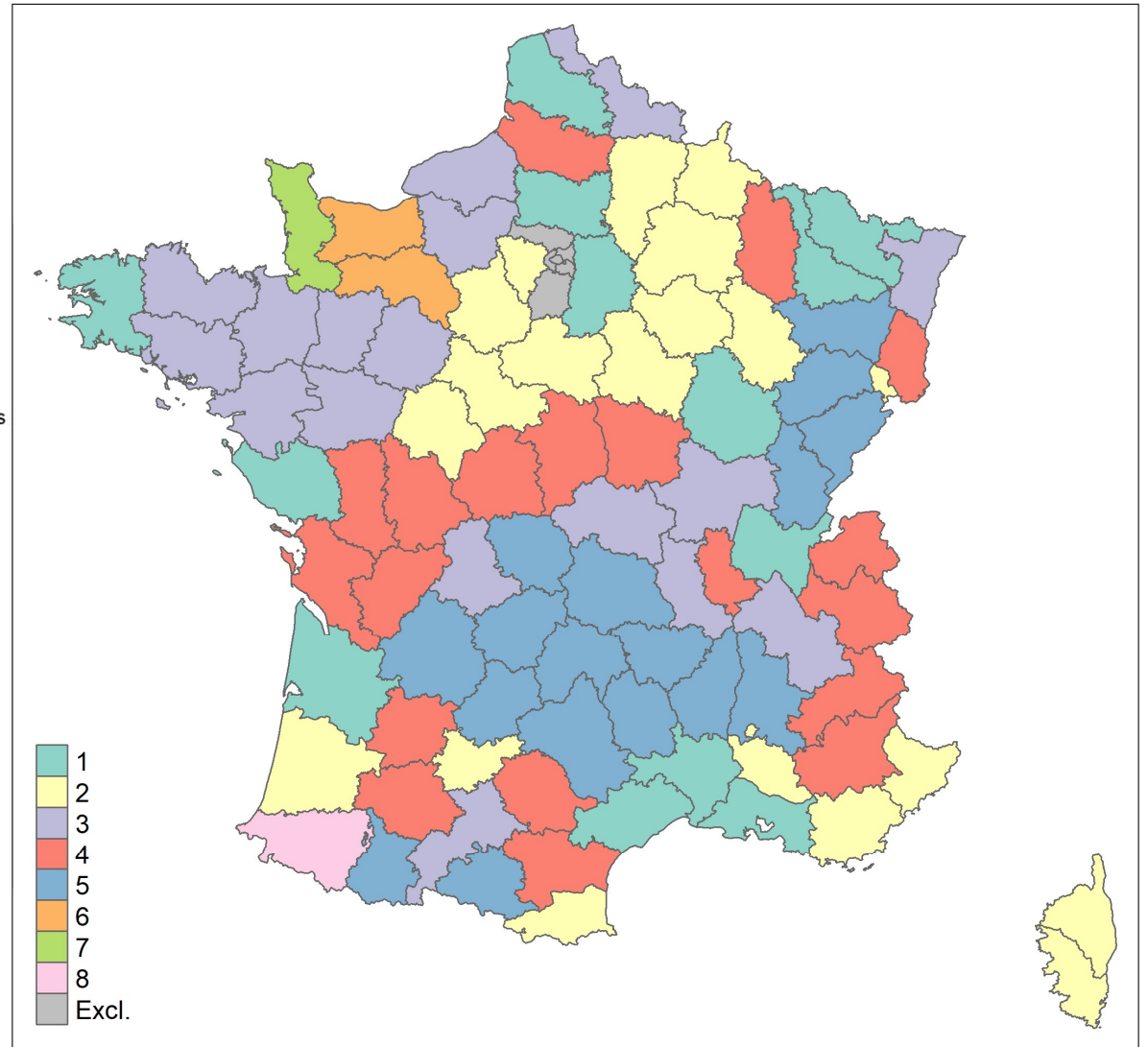
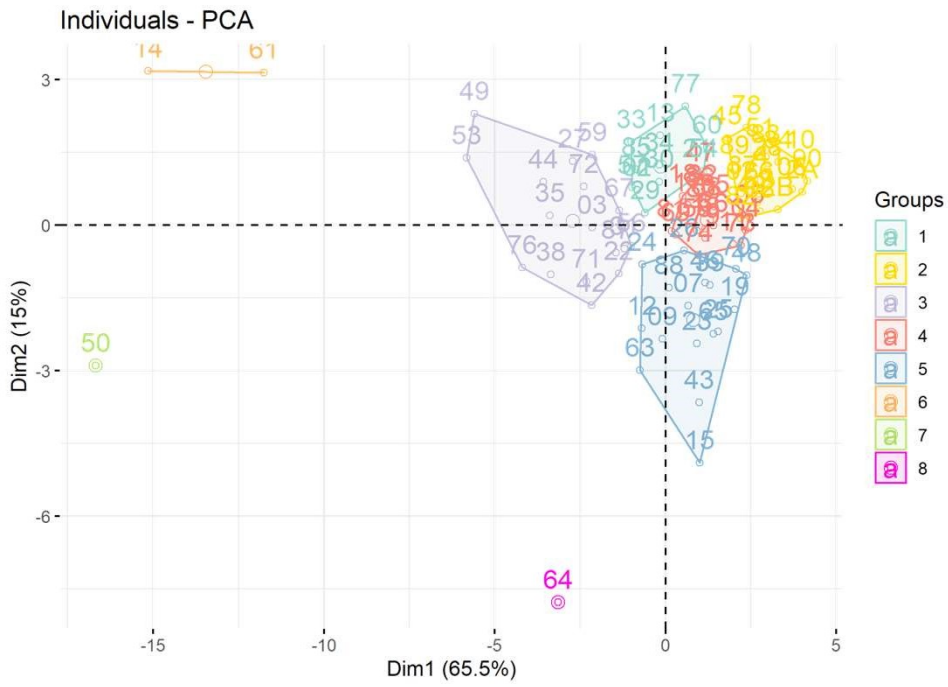
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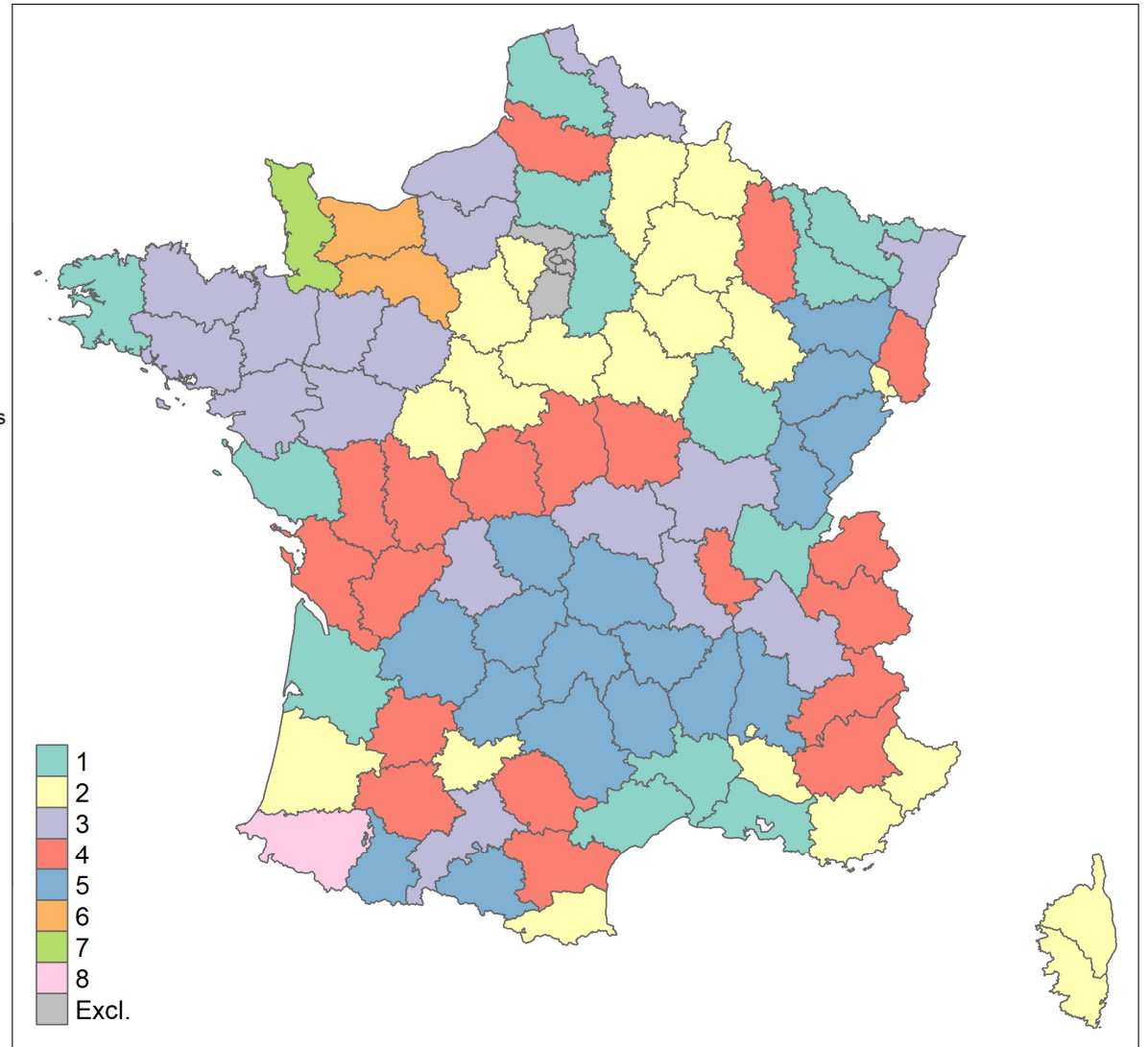
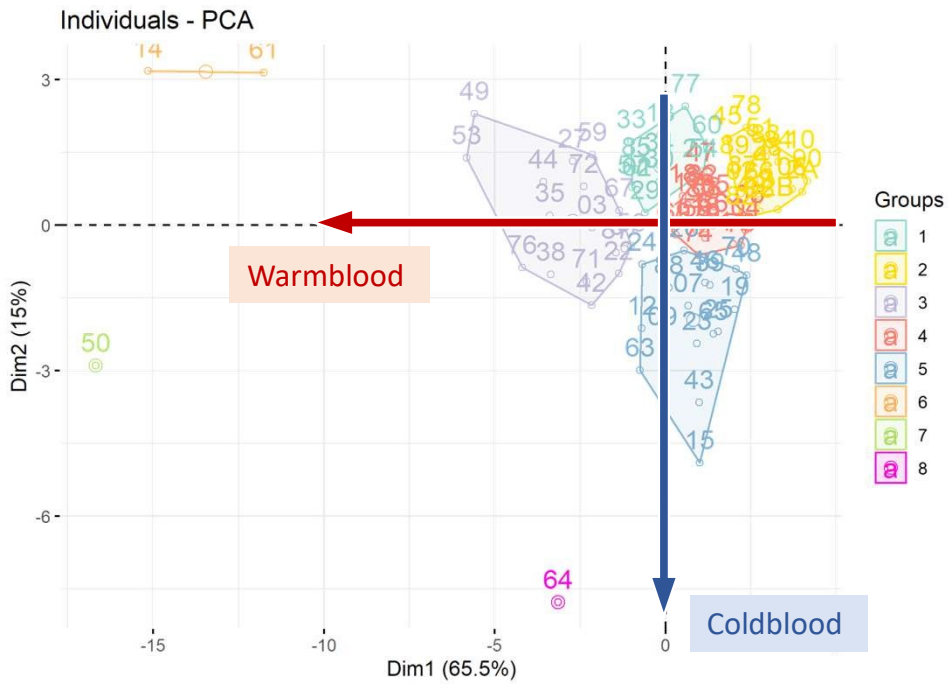
Classification



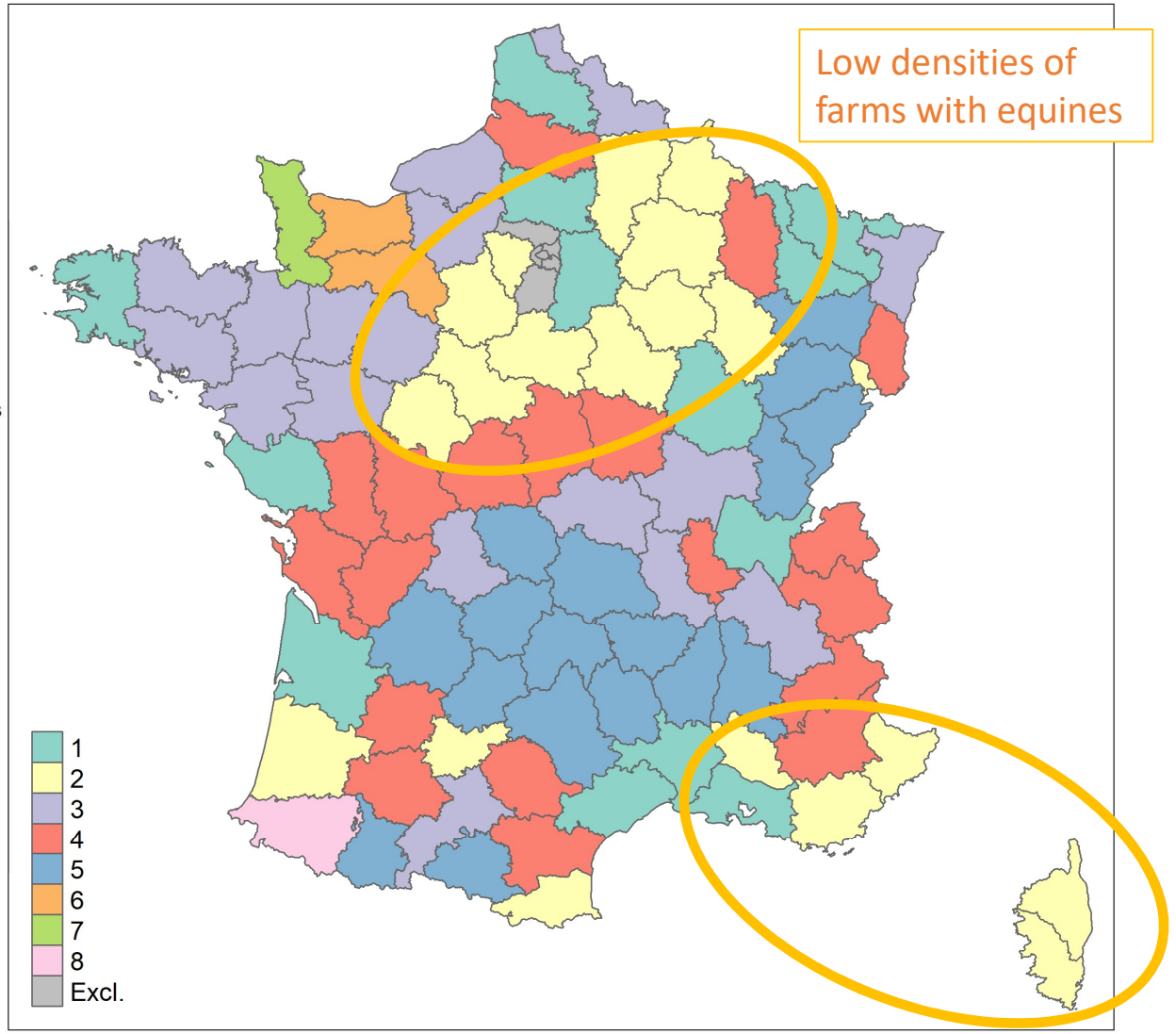
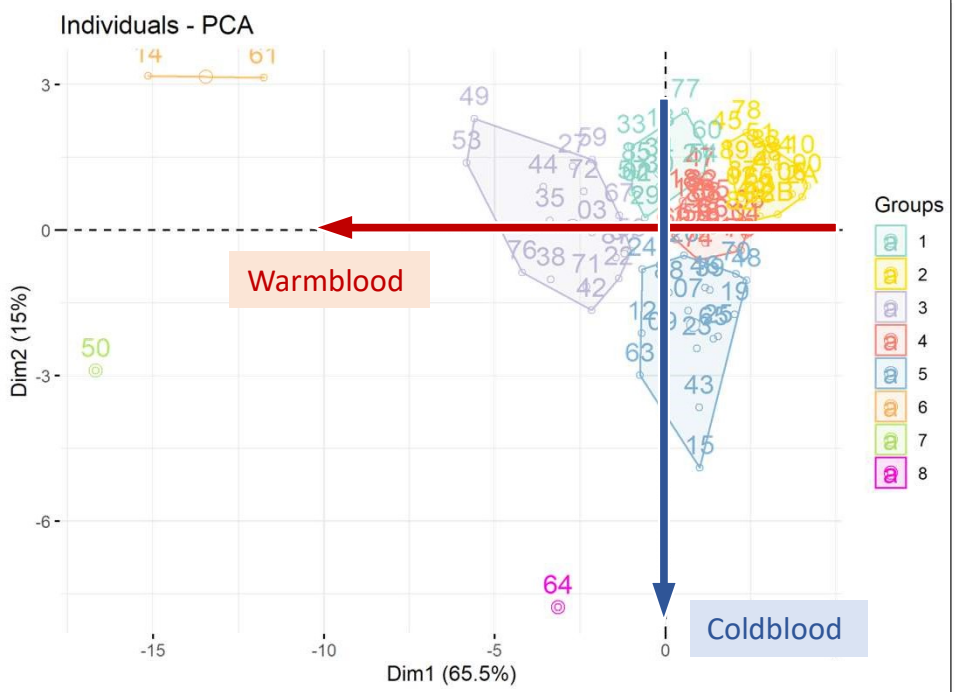
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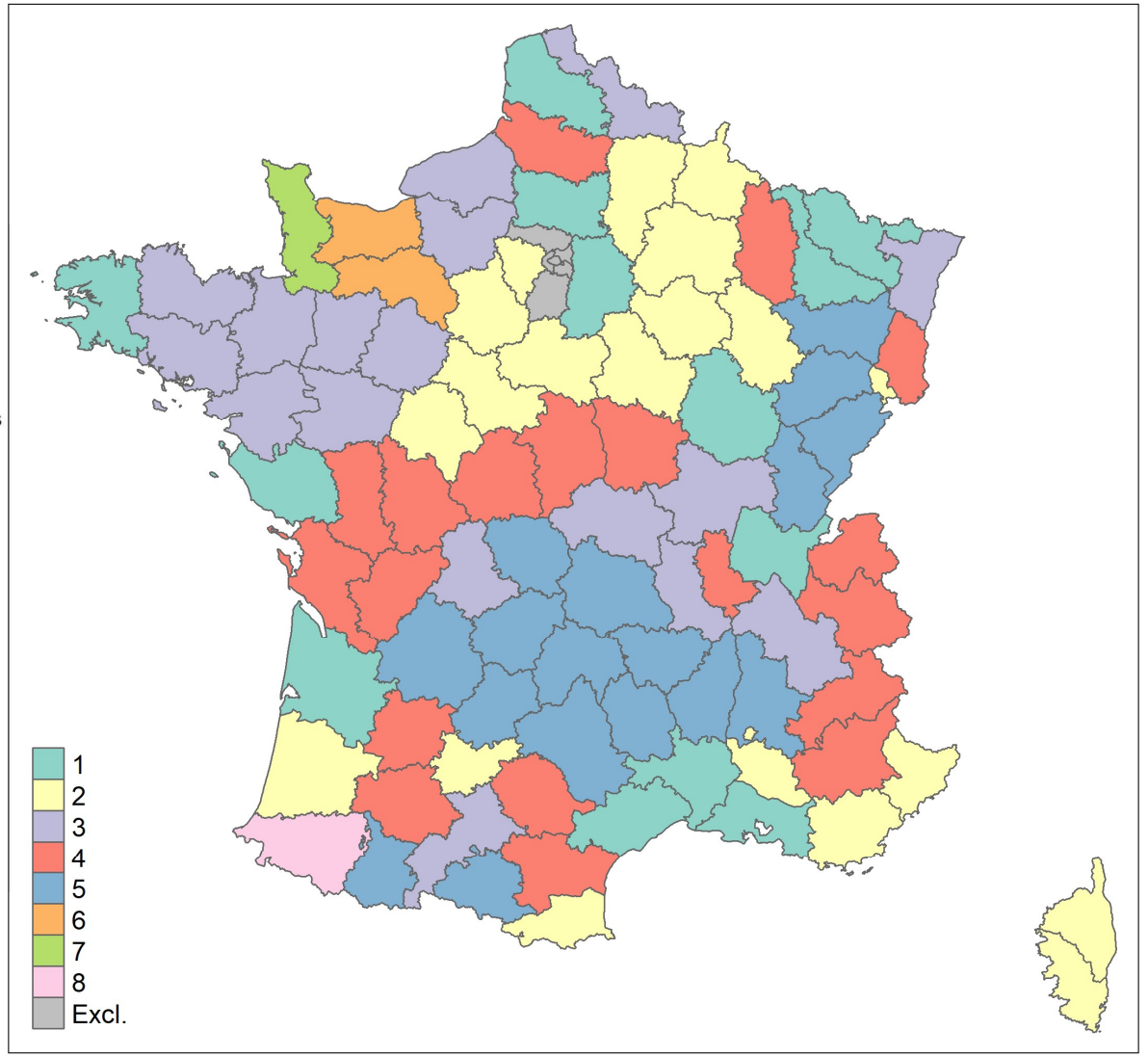
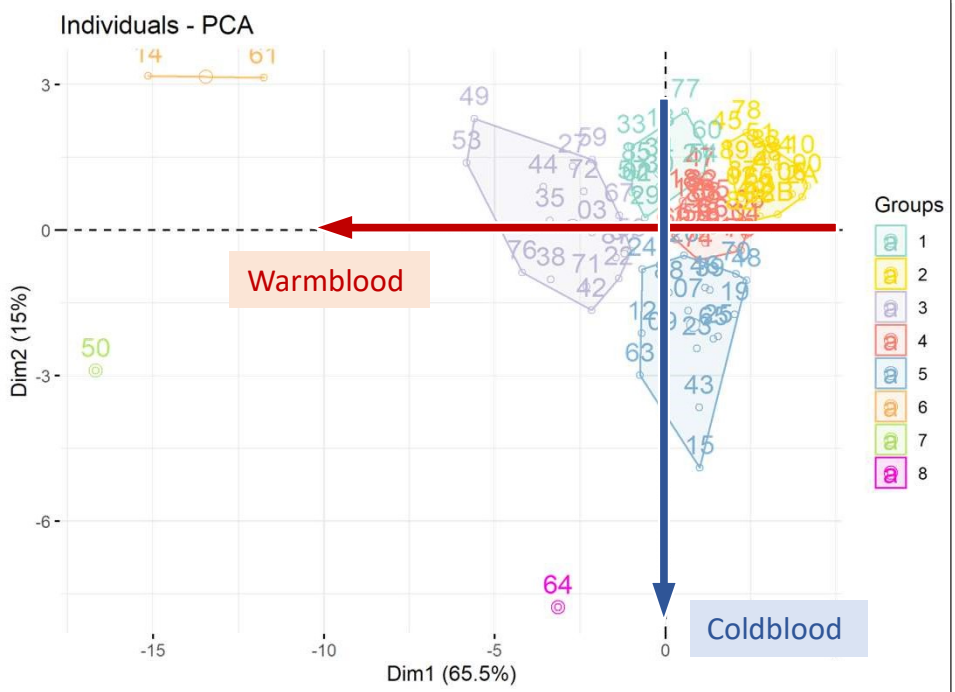
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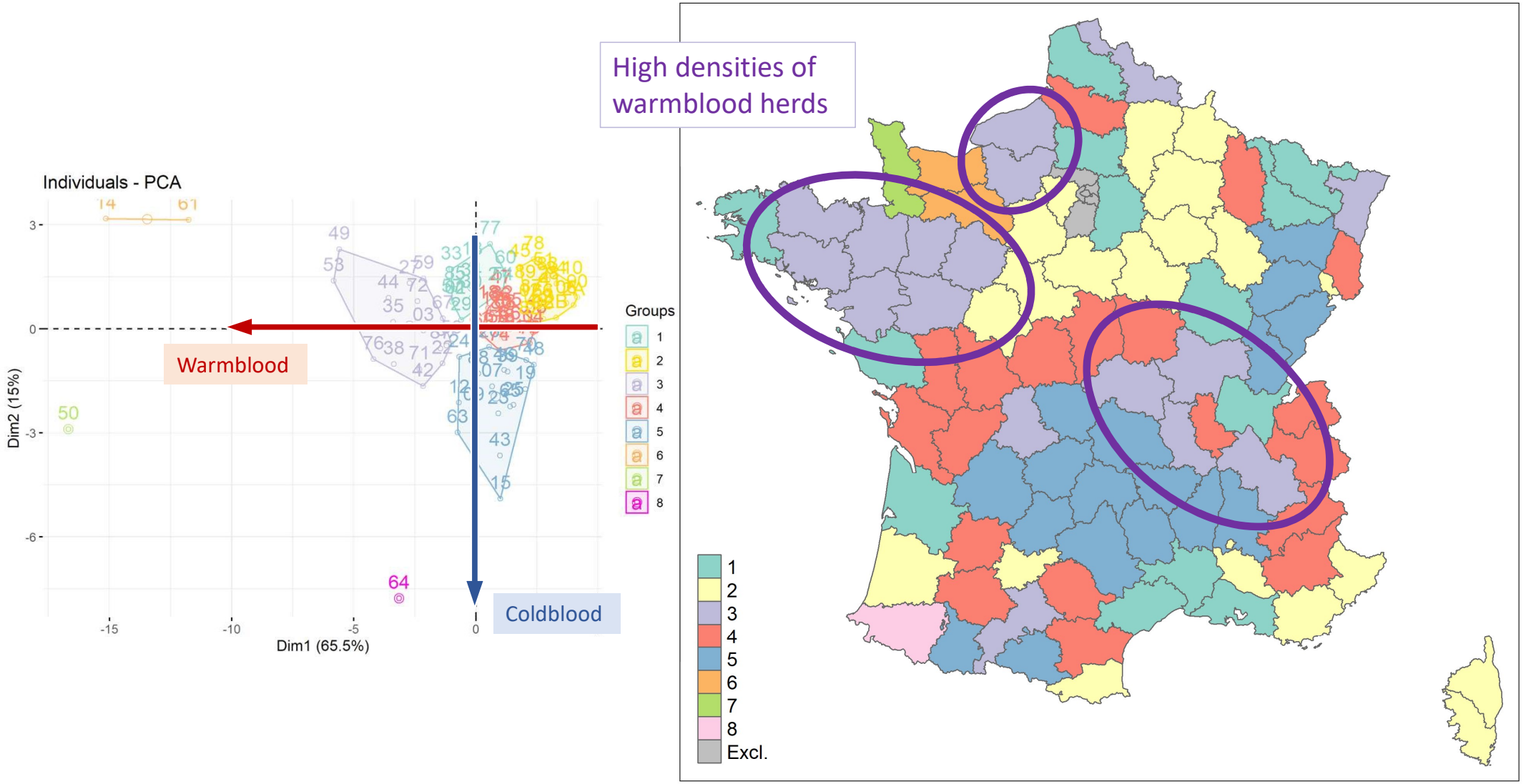
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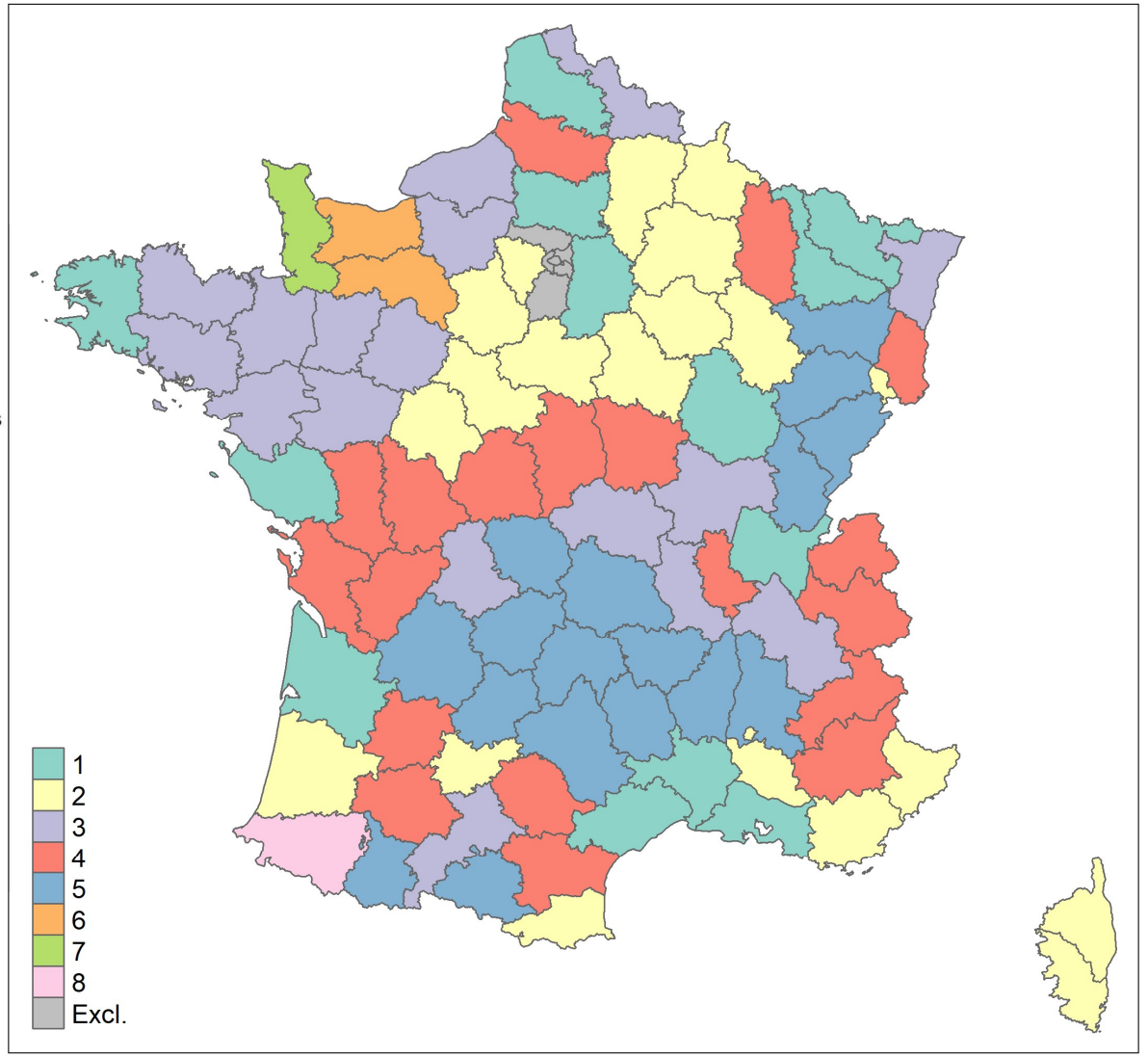
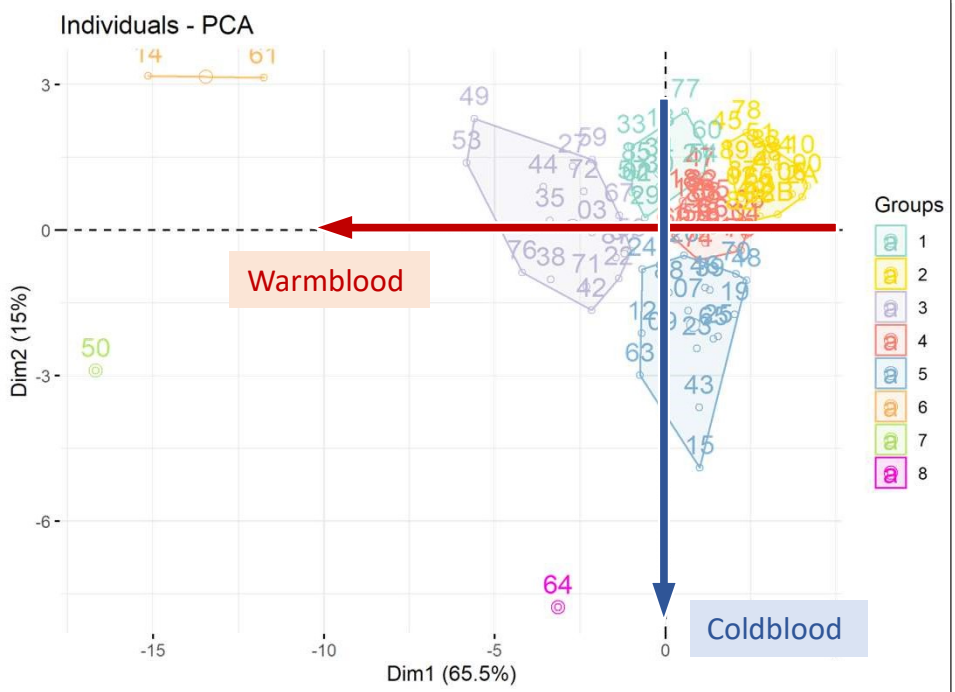
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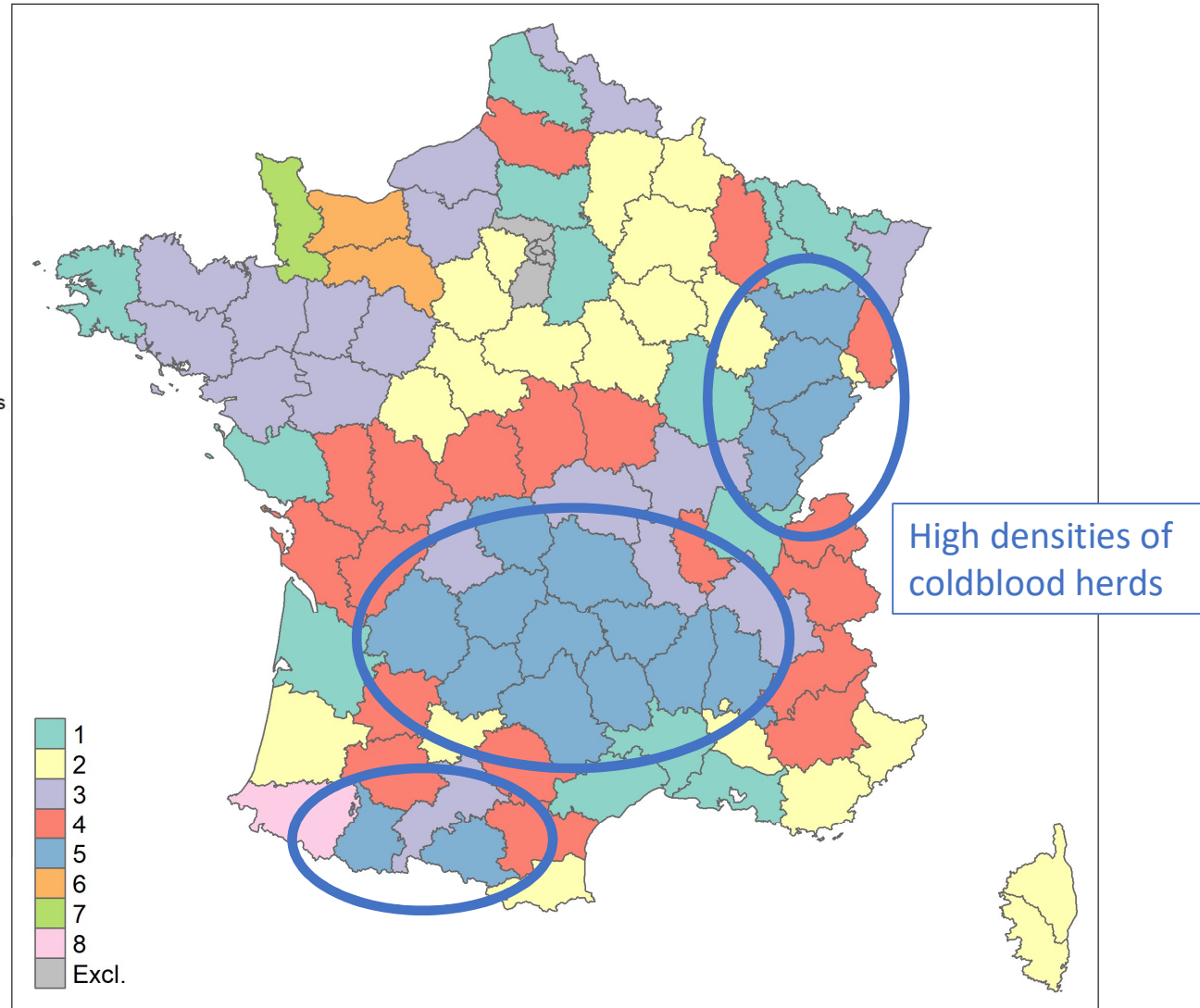
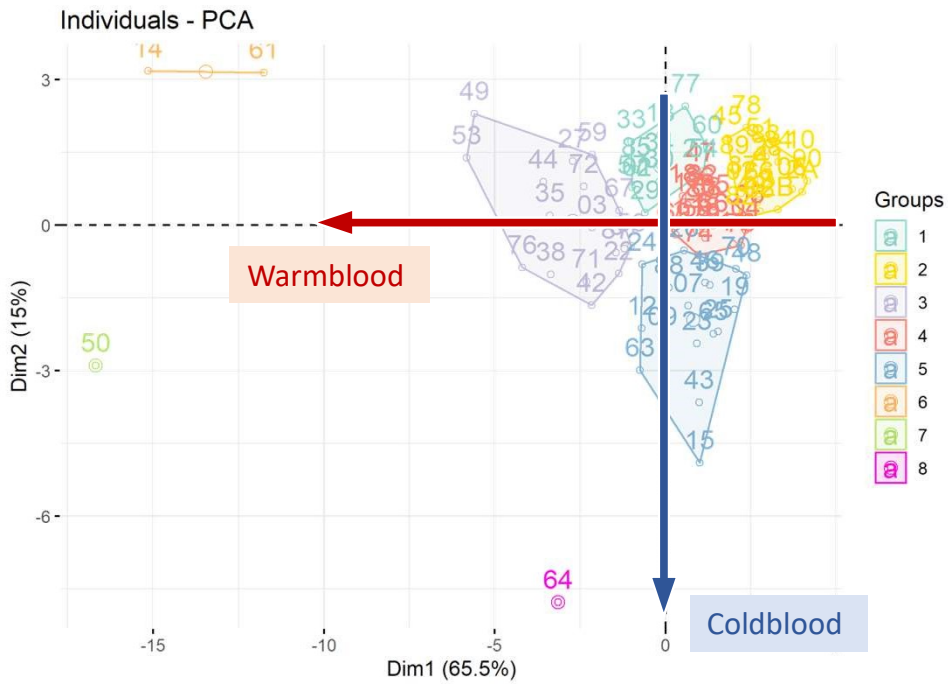
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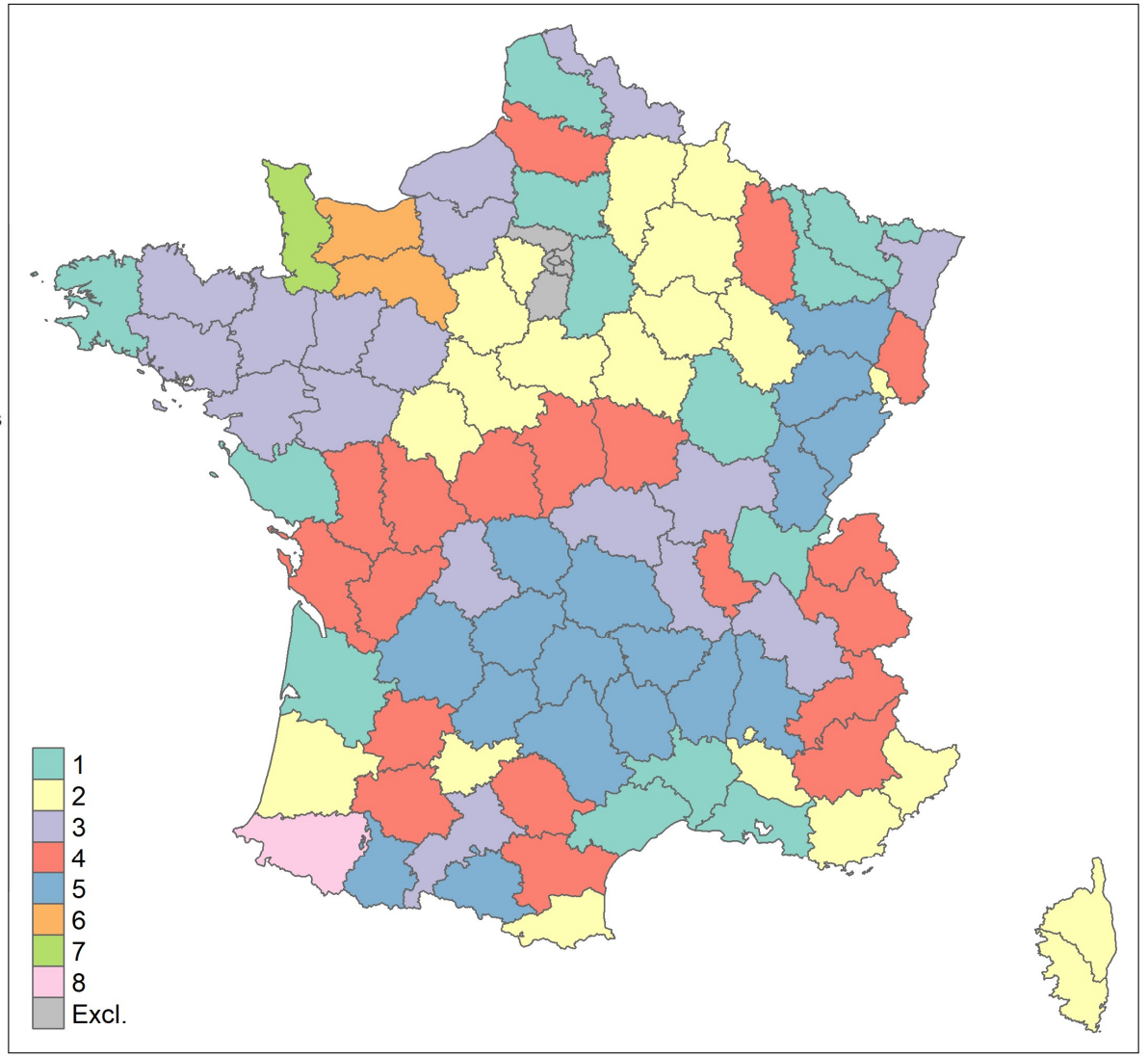
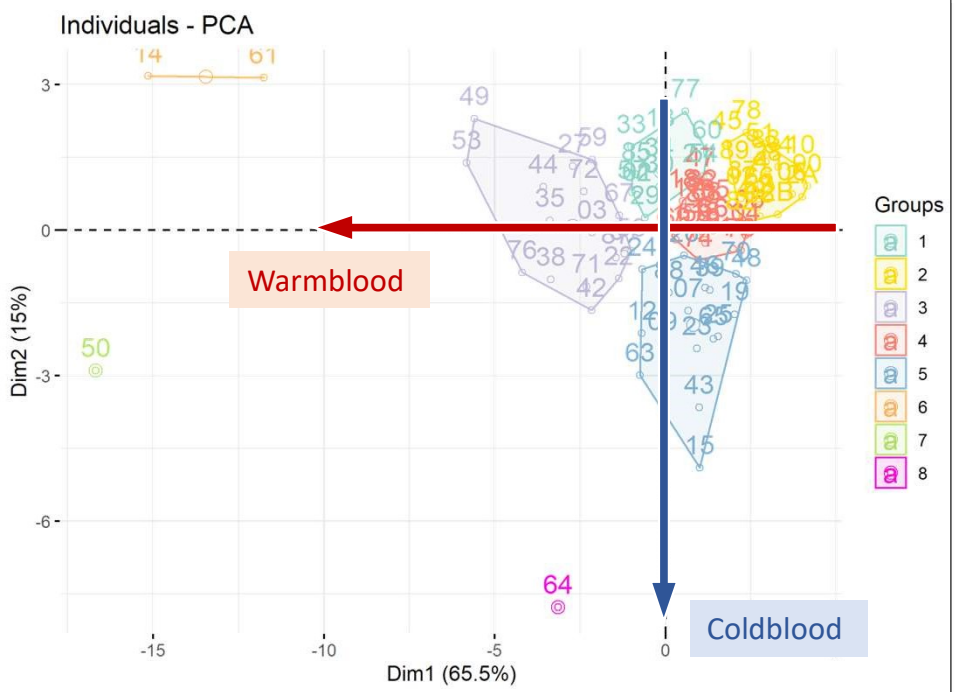
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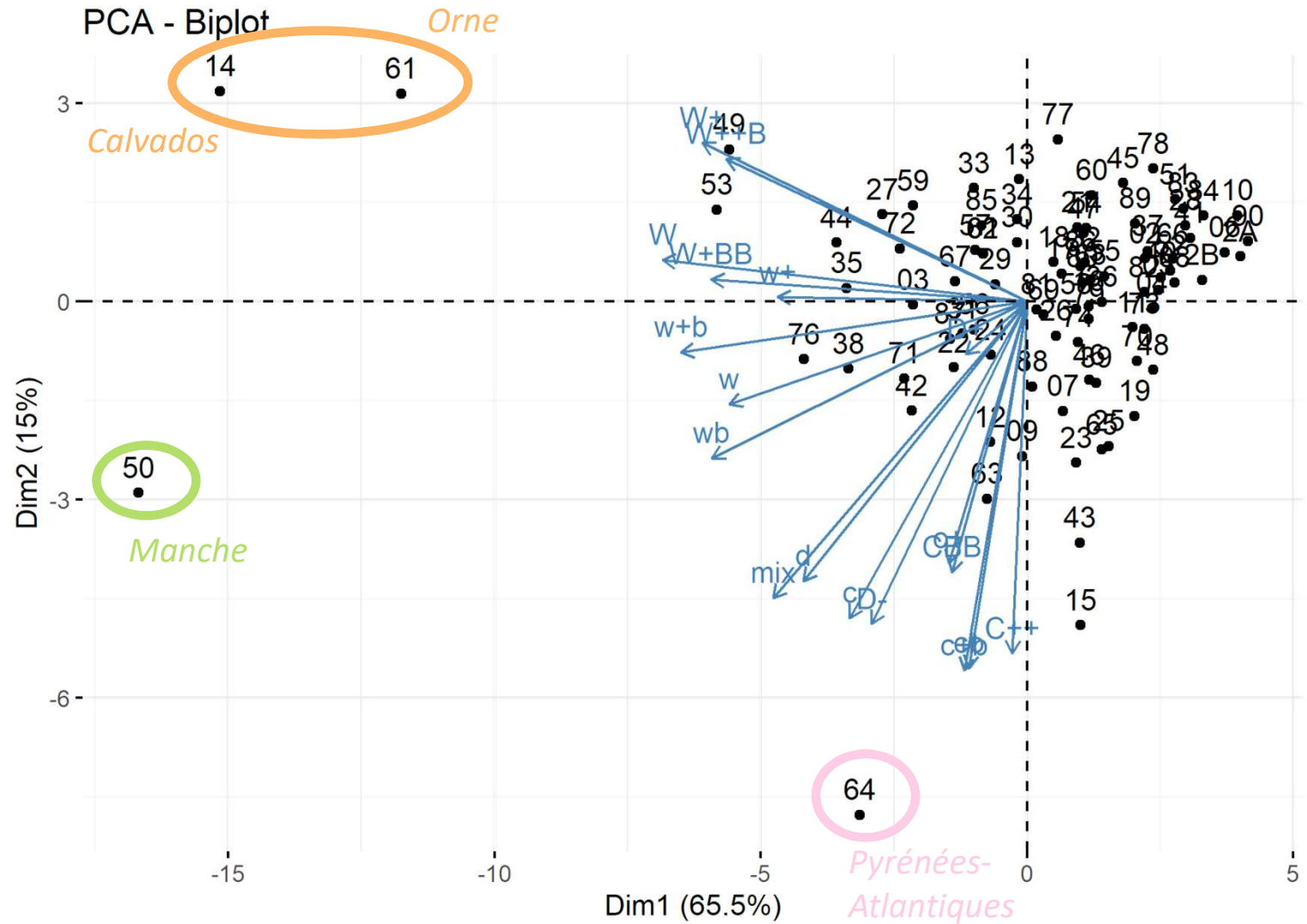
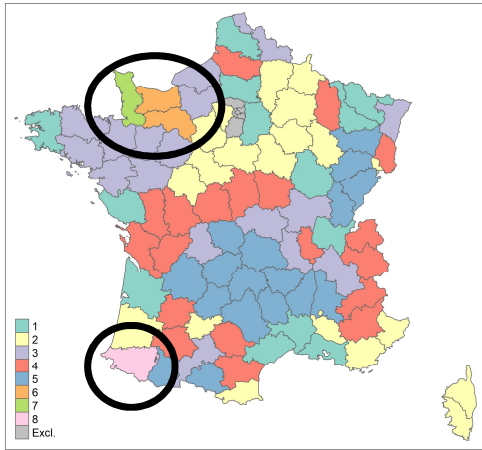
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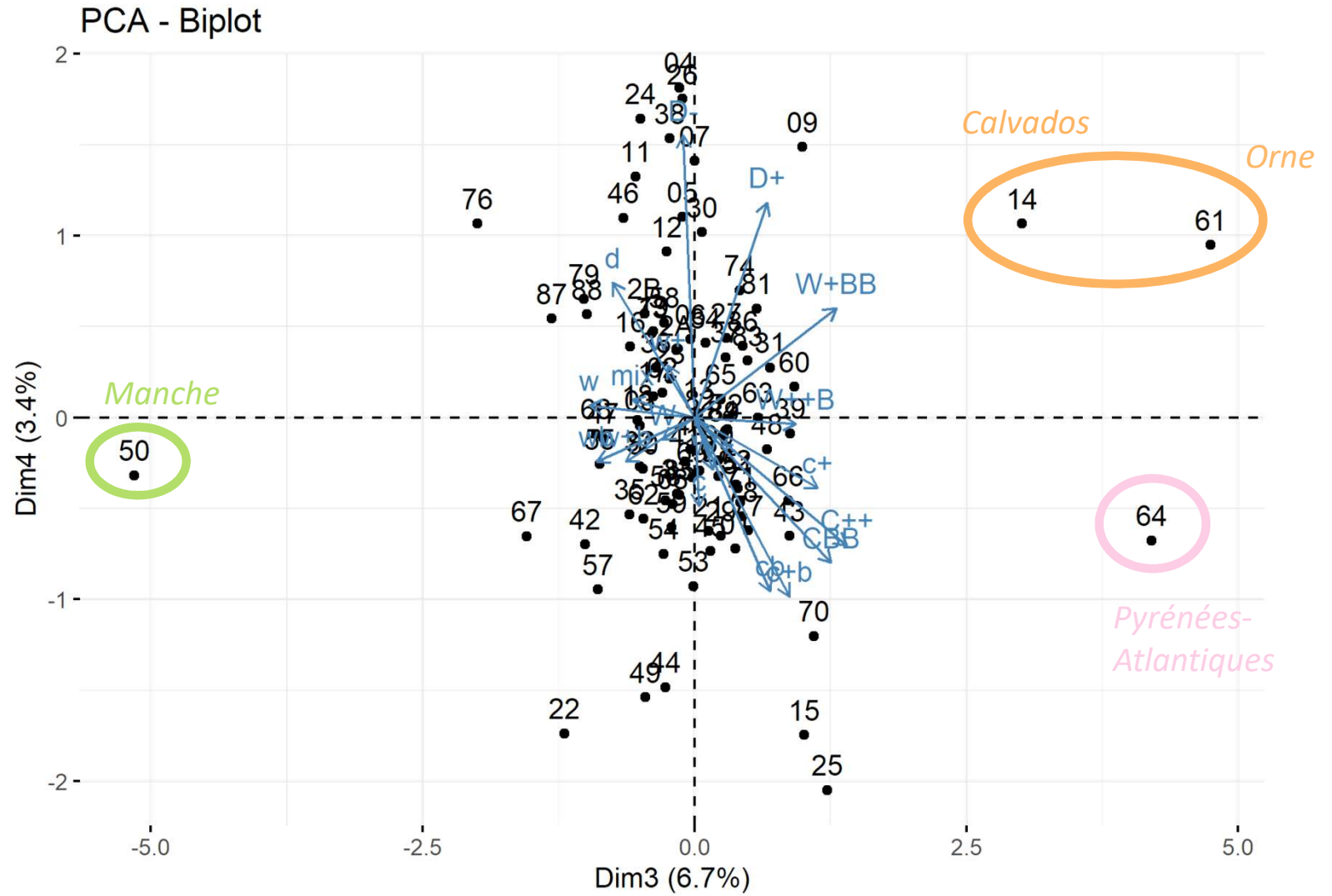
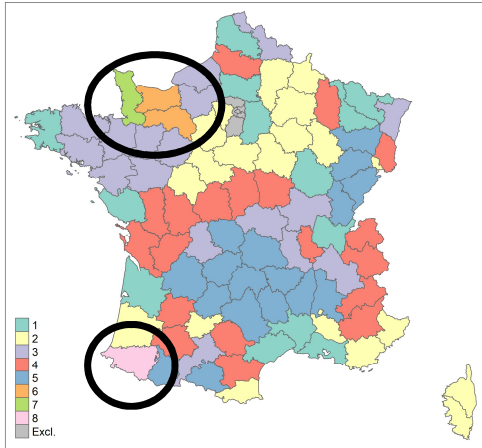
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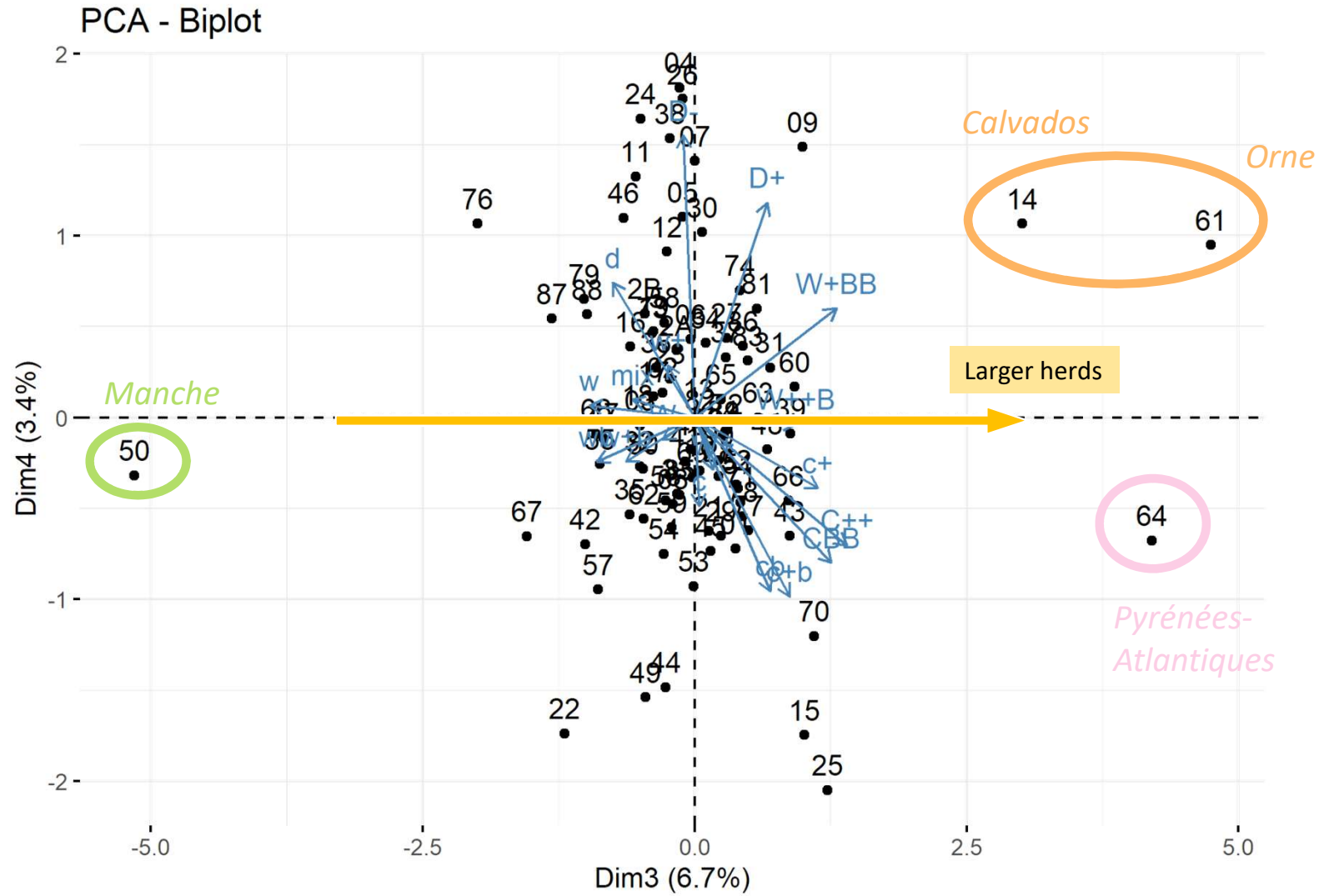
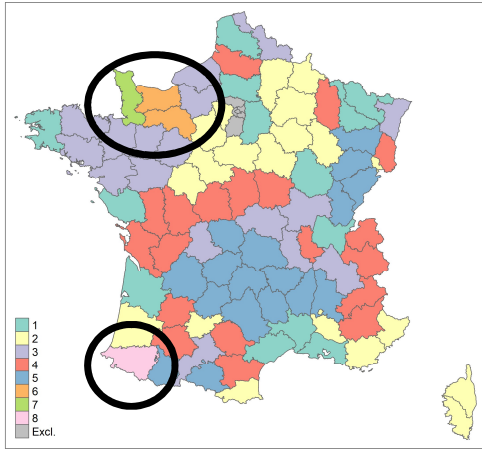
Focus on departments with very high densities



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→ could allow for a better differentiation of types of equine herds kept in French farms

**Thank you
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