Haplotype Matrix:
 haplotypes x polymorphisms

Calculate PIC value over all haplotype groups for all polymorphisms (Pm)

Pms with PIC != 0 ?

- yes
  - Differentiate haplotype groups in subgroups according to Pm with highest PIC
  - Registrate Pm as necessary!

- no
  - No further haplotype differentiation possible

Haplotype groups with more than one haplotype left?

- yes
  - The registrated Pms are the necessary Pms for complete haplotype differentiation

- no
  - Haplotypes in subgroups with more than one haplotype cannot be differentiated with the available polymorphisms