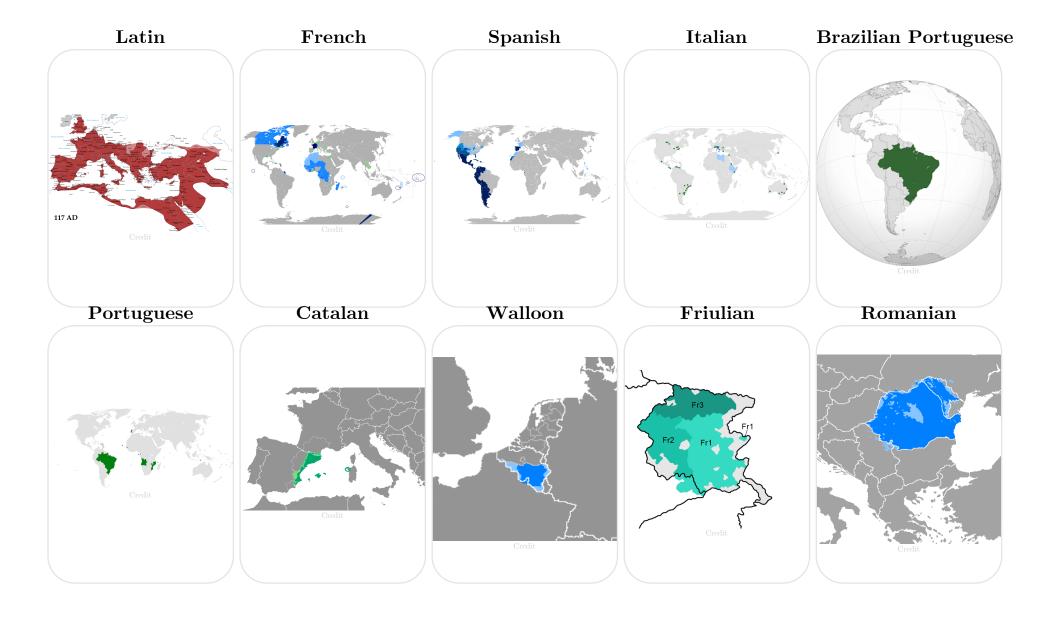
Simulated Segment Evolution using the TKF91 Model

John Huelsenbeck

Introduction

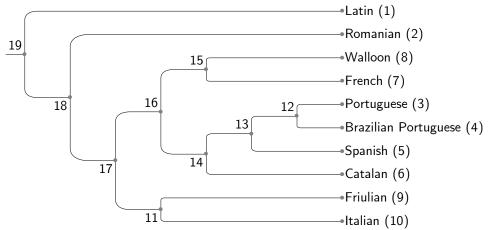
In this paper, we attempt to do the impossible!

Languages

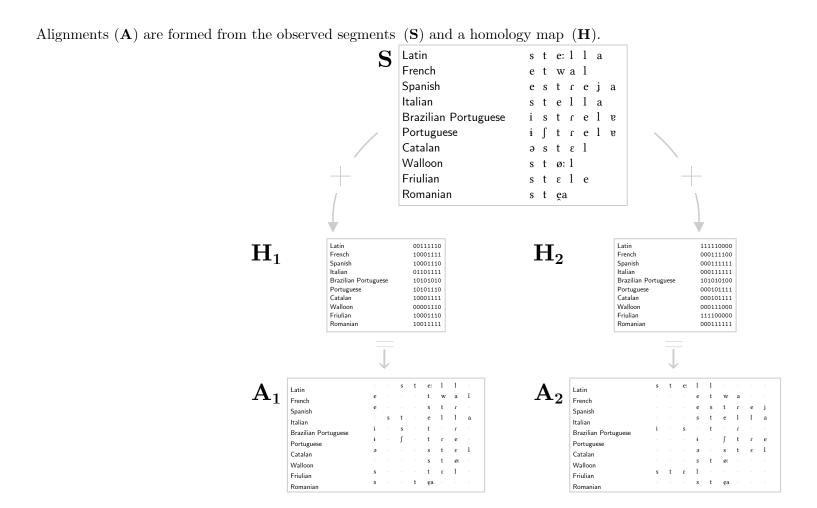


Example Tree

An example tree showing the relationships of N = 10 languages.

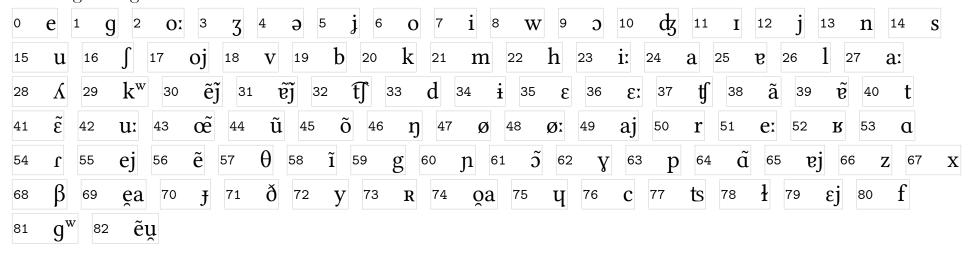


Alignment



Character Assignments

Each segment gets a different number



Partition Assignments

David's basic rules

- 1 Nasal Vowel
 - ẽj ẽj ã ẽ ẽ cẽ ũ õ ẽ ĩ ố $\tilde{\alpha}$
- 2 Vowel
 - e o: ə o i ɔ ı u oj i: a ɐ a: i ε ε: u: ø ø: aj e: α ej ɐj ea y oa εj ẽu̯
- 3 Nasal Consonant
 - nmŋɲ
- 4 Non Sylabic Sonorants
 - w j l r
- 5 Consonants
 - g ʒ j dz s $\int v\ b\ k\ h\ \Lambda\ k^w$ ff d tf t в г θ g ү p z x β j ð κ ц c ts ł f g^w

Results

${\bf Maximum~Clade~Credibility}$

0

Changes per Branch

Questions

