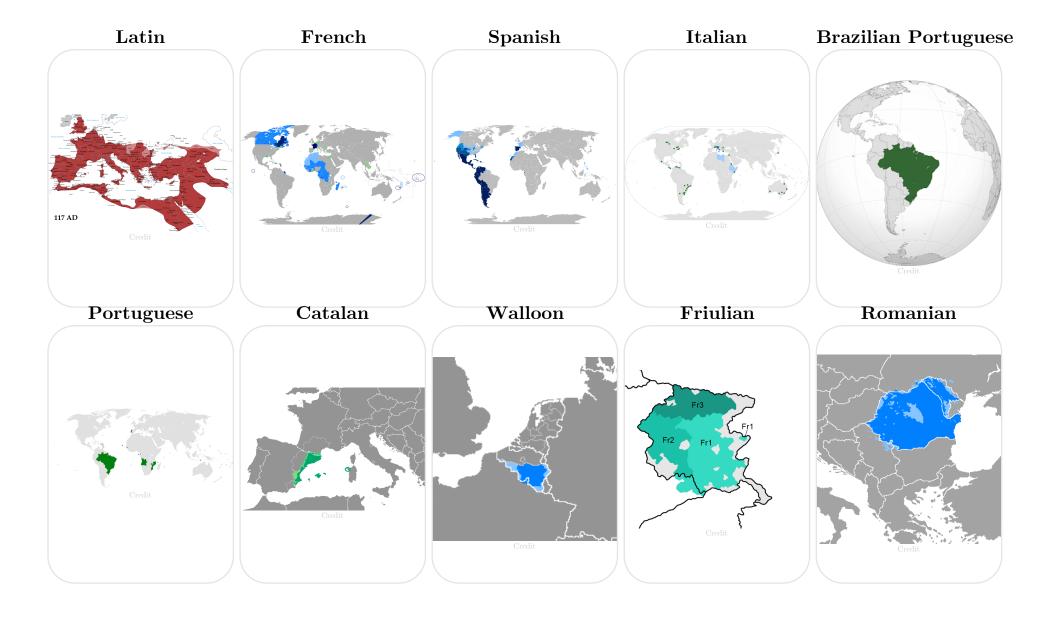
Simulated Segment Evolution using the TKF91 Model

John Huelsenbeck

Introduction

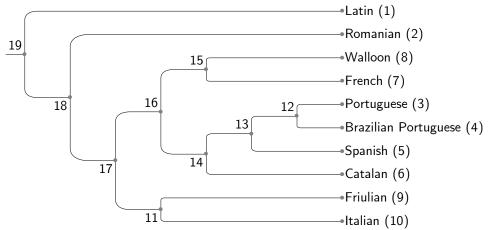
In this paper, we attempt to do the impossible!

Languages

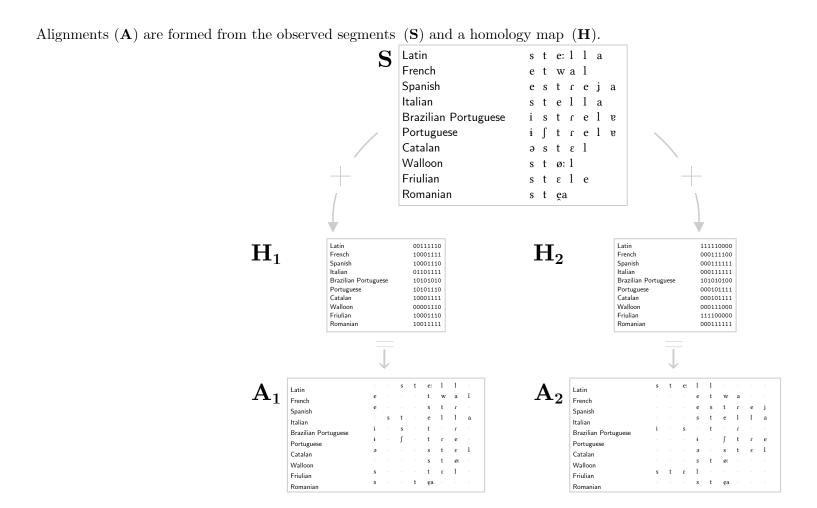


Example Tree

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
 ã ỹ ẽ cẽ ũ õ ẽ ĩ ɔ̃ ɑ̃
2 Vowel
 e o: ə o i ɔ ı i: ej ej a i e e: u u: ø oj ø: aj e e: a ej a: ej ea y oa ej eu
3 Consonant Group 1
 wjmnrl
4 Consonants
```

Results

${\bf Maximum~Clade~Credibility}$

0

Changes per Branch

Questions

