

1 Introduction

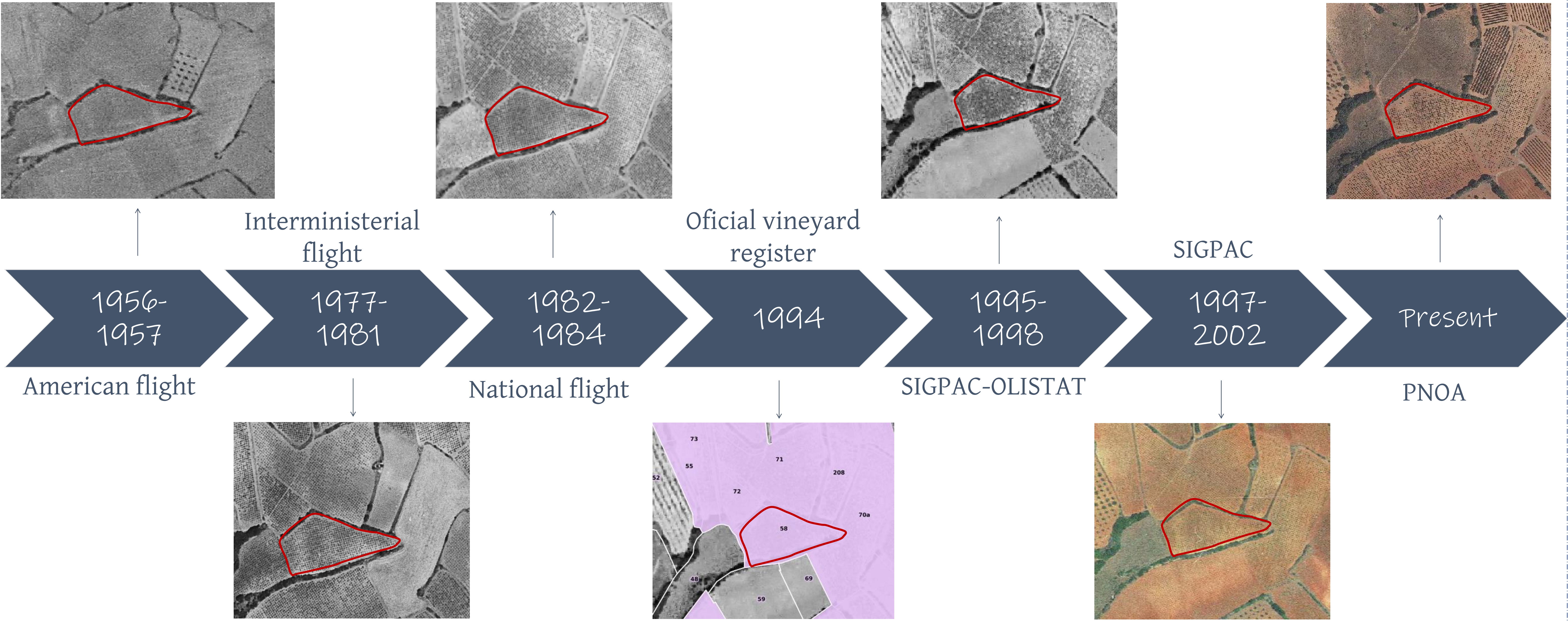
The concept of “old vines” is gaining centrality in the wine industry. However, how could we know the age of old vines when historical planting records are unavailable or incomplete?

2 Objectives

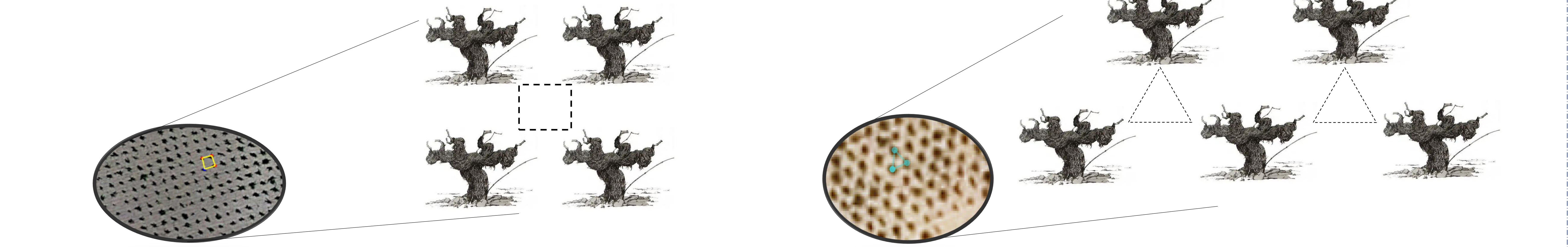
Developing an empirical procedure that could allow the probabilistic classification of old vineyards into age ranges.

3 Methods

STEP 1: Analysis of historical aerial imagery



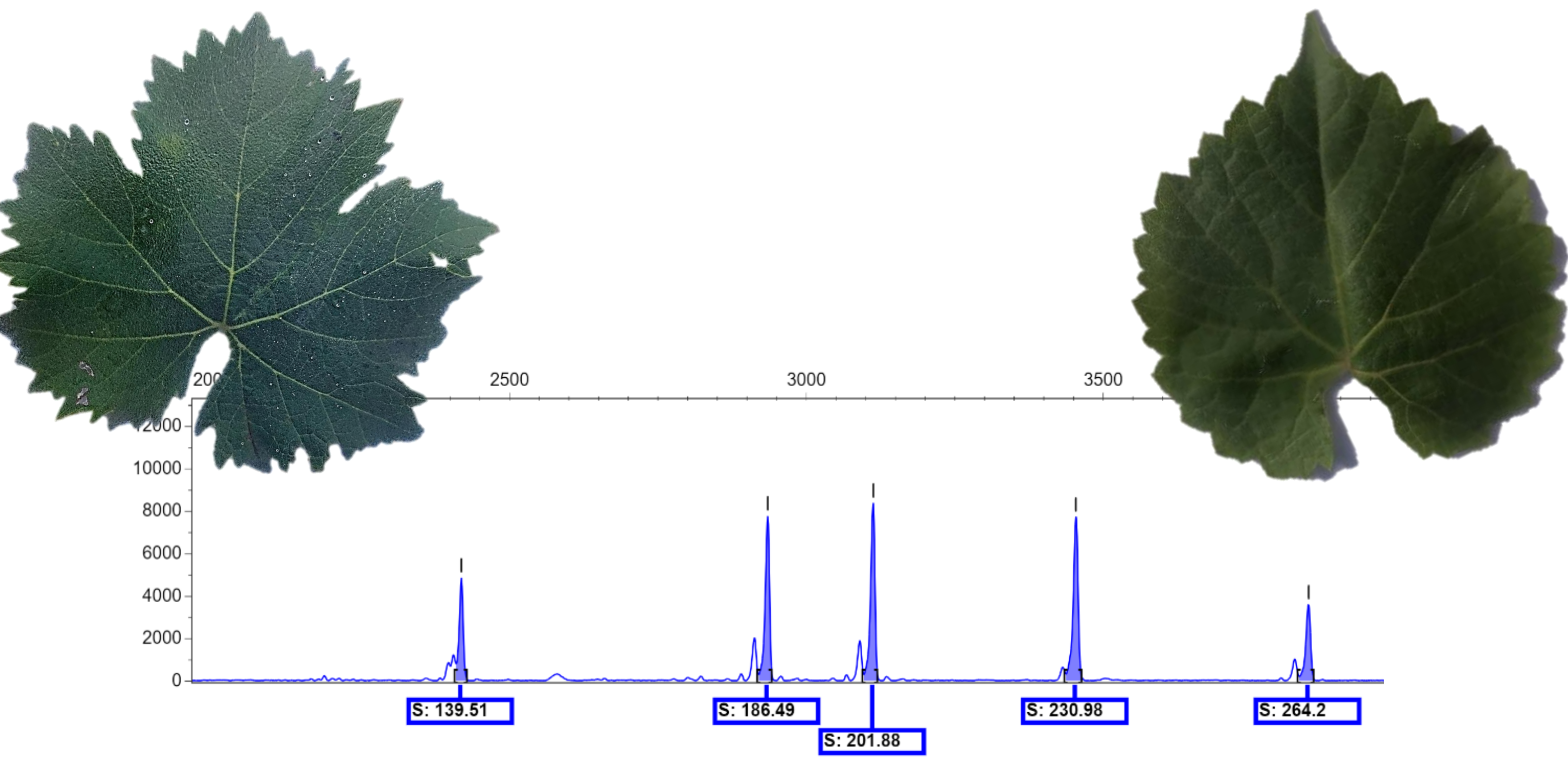
STEP 2: Study the spatial distribution of individual vines



STEP 3: Annual growth by vine configuration



STEP 4: Genetic fingerprinting (rootstocks & varieties)



4 Conclusion

Combining all the parameters **offered a reliable** basis for estimating vineyard age in a probabilistic manner.