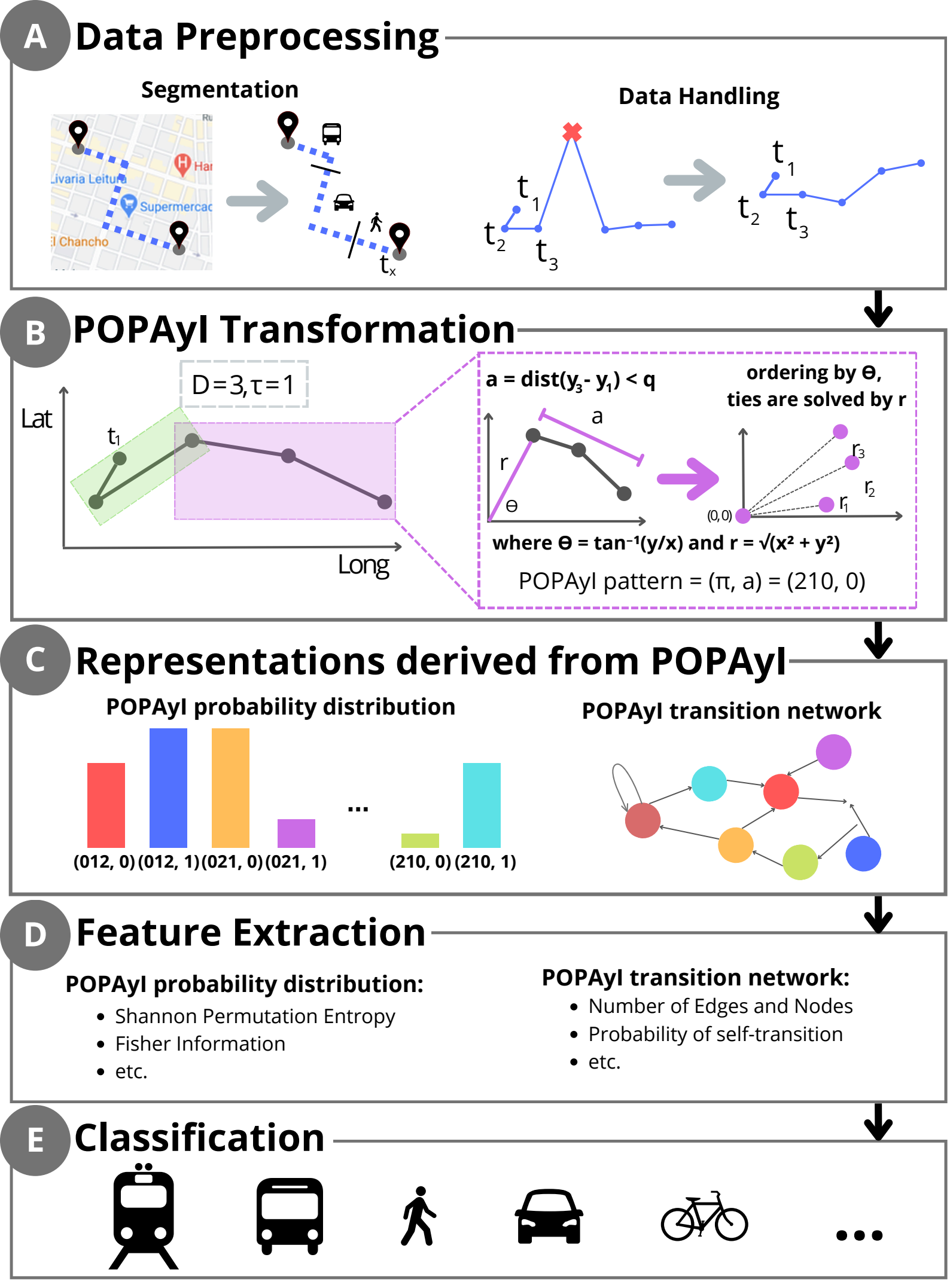
A
Data Preprocessing
Segmentation
Supermercac
Data Handling
B
POPAyl Transformation
D=3,τ=1
Lat
Long
a = dist(y3 - y1) < q
ordering by Θ,
ties are solved by r
where Θ = tan⁻¹(y/x) and r = √(x² + y²)
POPAyl pattern = (π, a) = (210, 0)
C
Representations derived from POPAyl
POPAyl probability distribution
(012, 0)
(012, 1)
(021, 0)
(021, 1)
(210, 0)
(210, 1)
POPAyl transition network
D
Feature Extraction
POPAyl probability distribution:
Shannon Permutation Entropy
Fisher Information
etc.
POPAyl transition network:
Number of Edges and Nodes
Probability of self-transition
etc.
E
Classification