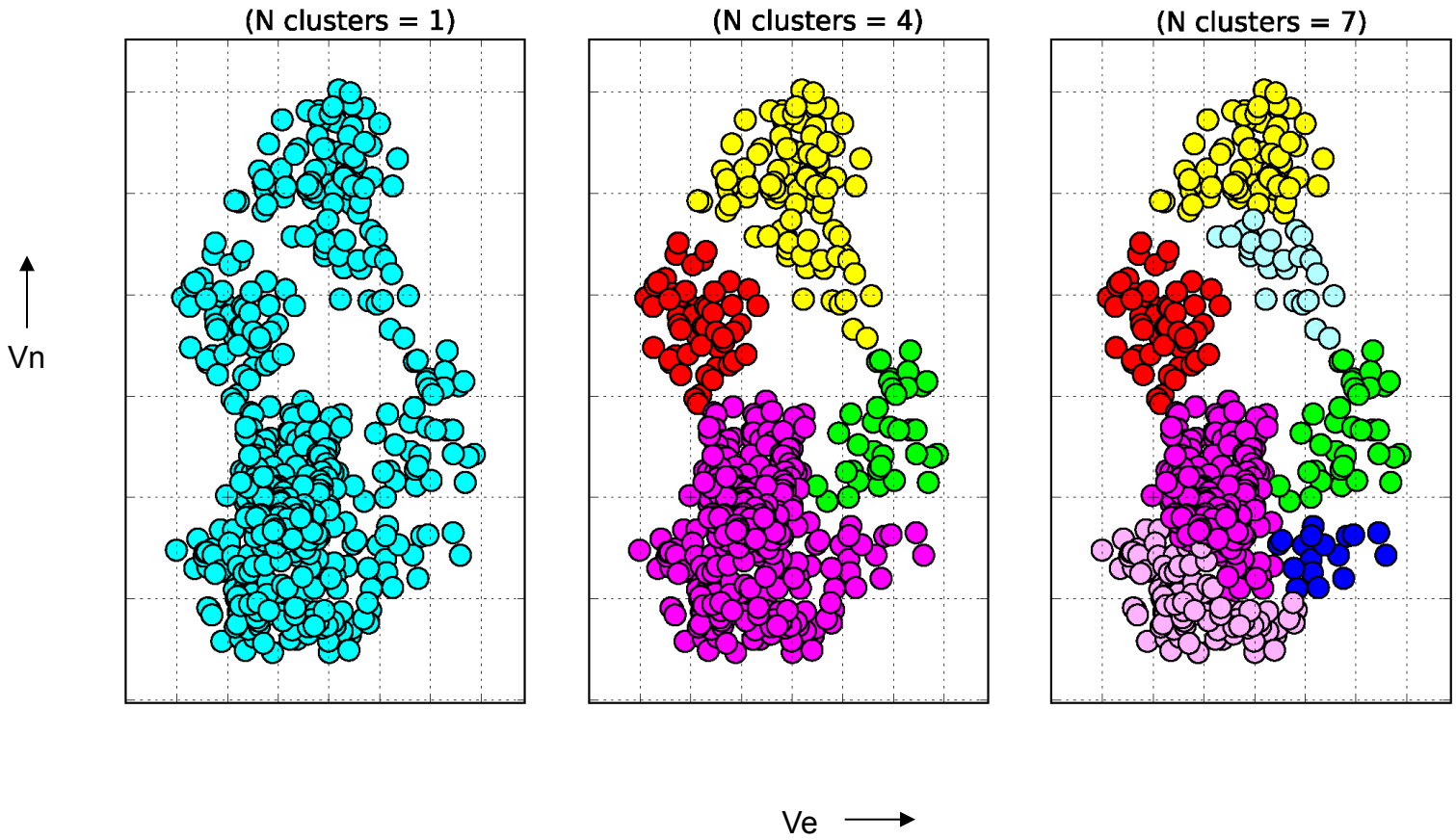
Schematic of Cluster Analysis Method

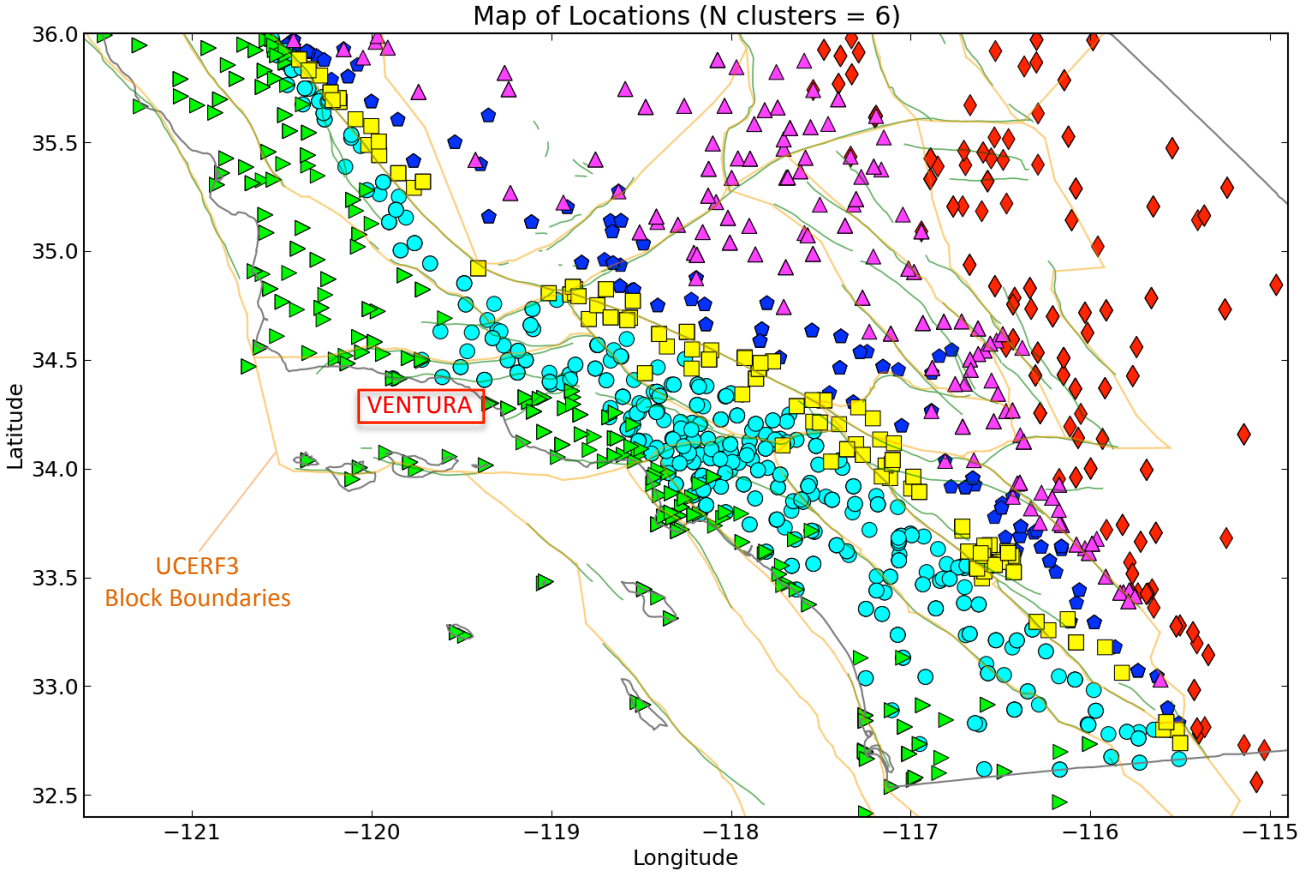
Example of Clustering
(Hierarchical Agglomerative Clustering)

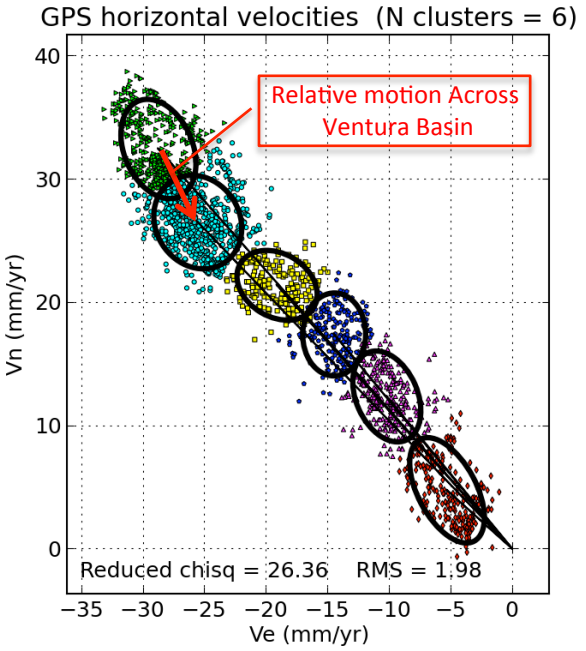


Southern California GPS Cluster Analysis Shows:

(1) ~ 6 mm/yr Oblique Compression Across Ventura SFSA

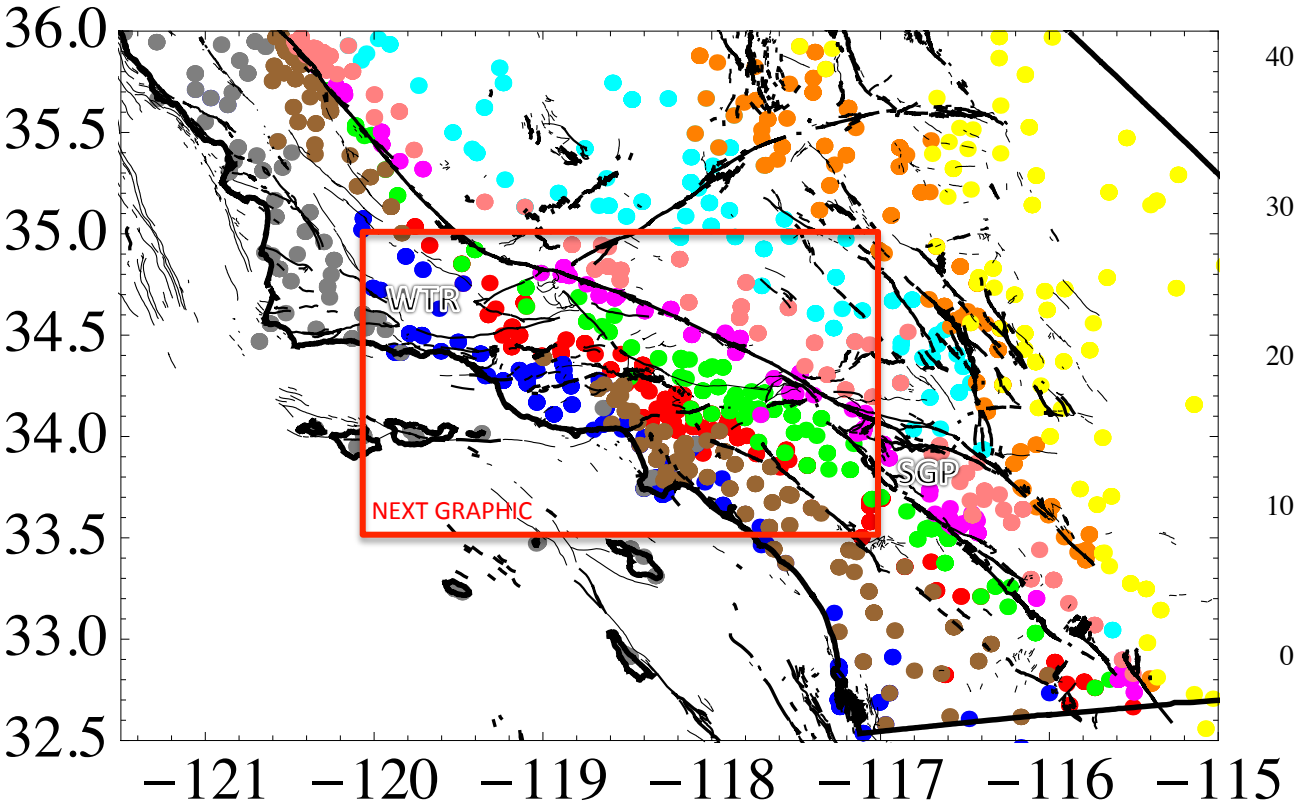
(2) Much Lower Deformation Rates West of ~Ventura (i.e. 'Ventura block' is not a block!)

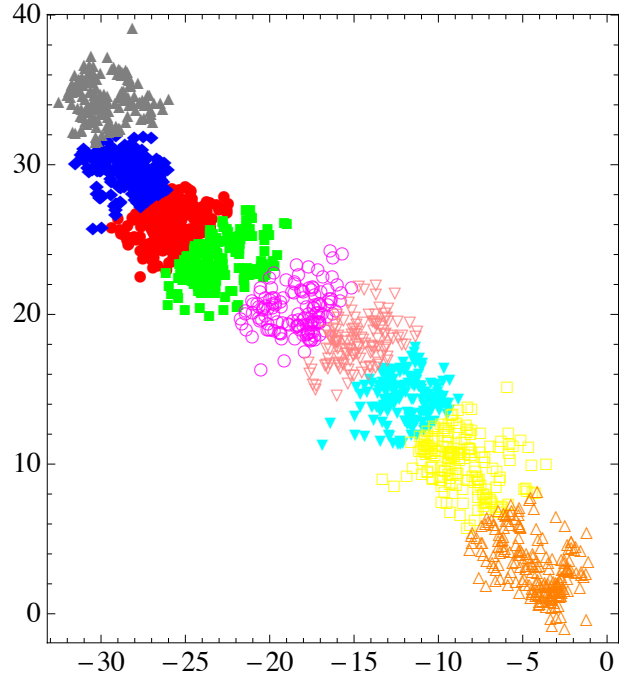




Thatcher, Savage & Simpson (2014, in prep)

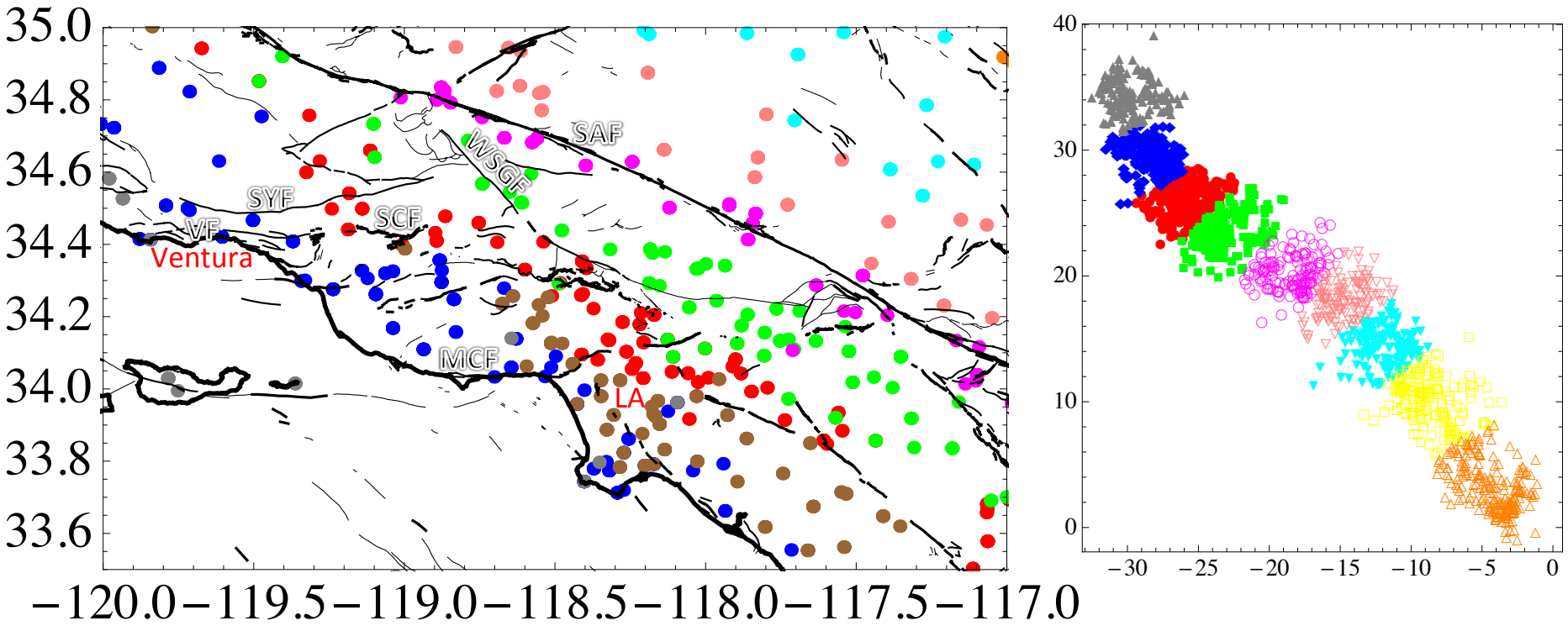
Southern California 10 Cluster Solution: Big Bend Tectonics Shows Oblique Compression at SGP & WTR





Thatcher, Savage & Simpson (2014, in prep)

Detail of Western Transverse Ranges 10 Cluster Solution



Thatcher, Savage & Simpson (2014, in prep)