

# Parallel and Distributed Systems

## Parallel k-Nearest Neighbors

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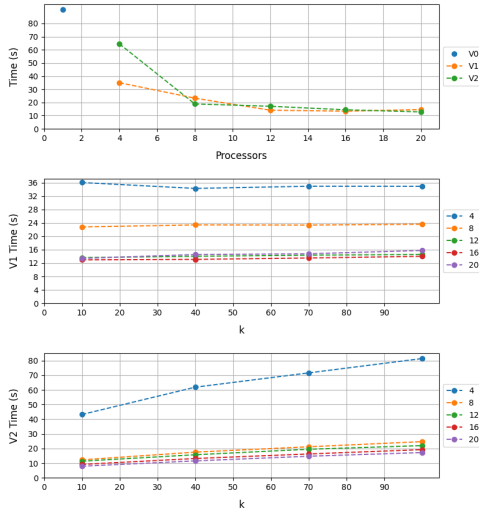
AEM:9282

katzalis@auth.gr

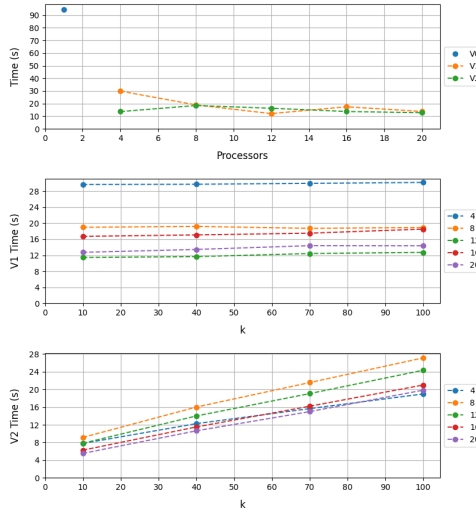
13/1/2020

## 1 Introduction

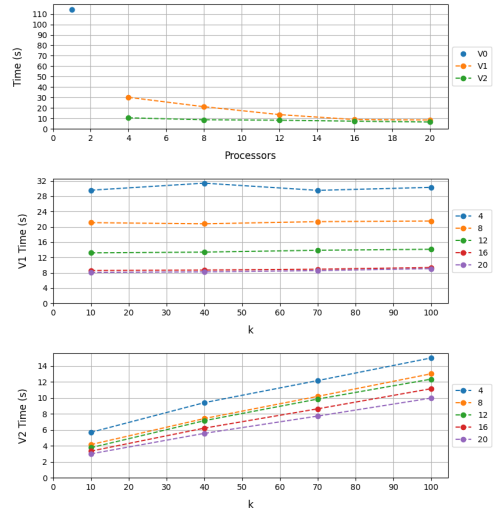
## 2 Performance data



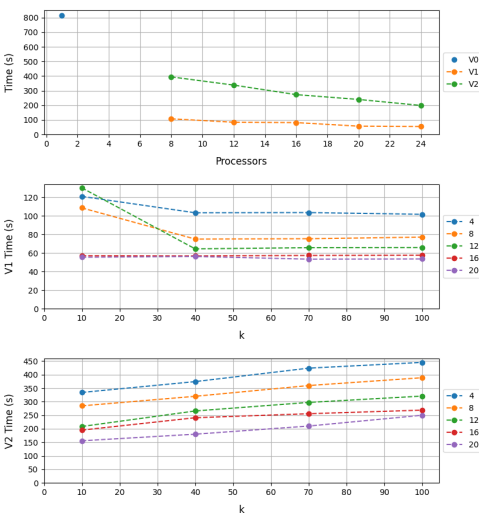
(a) histo



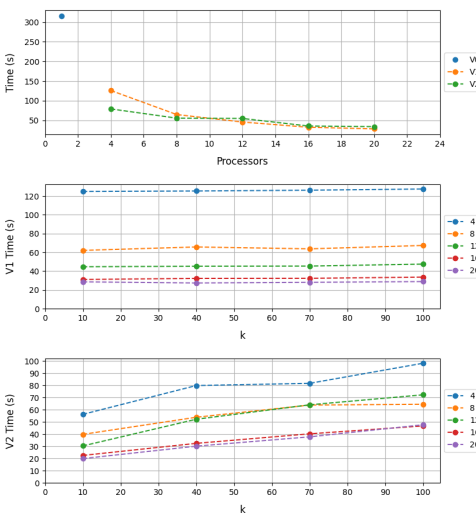
(b) moments



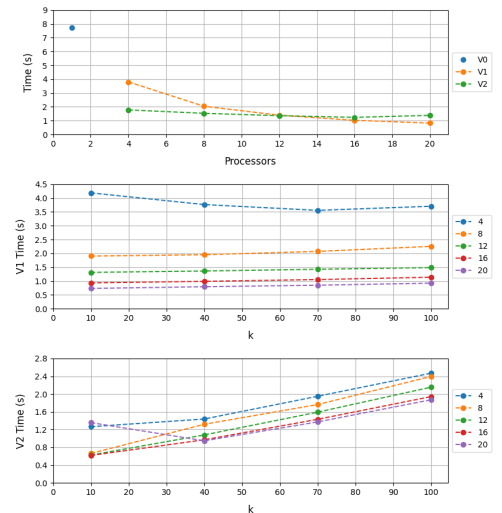
(c) texture



(a) features

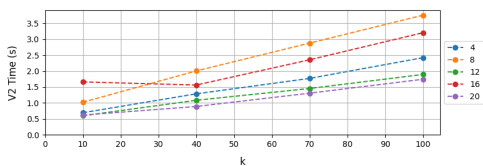
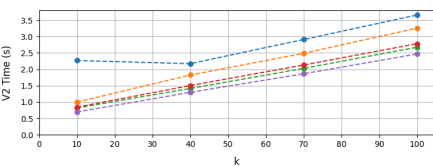
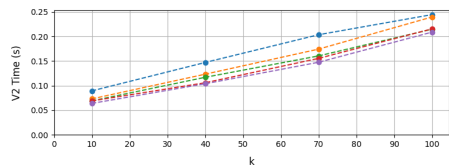
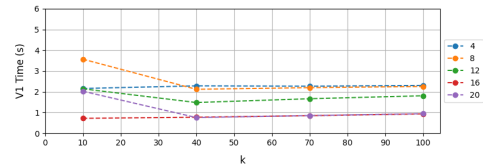
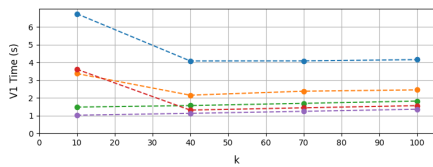
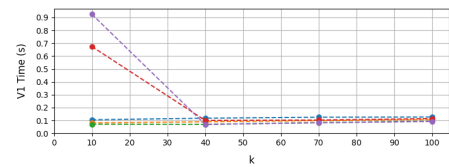
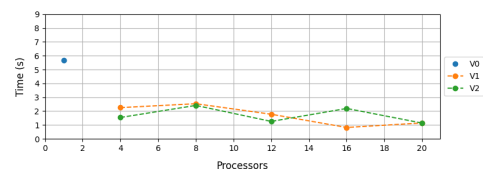
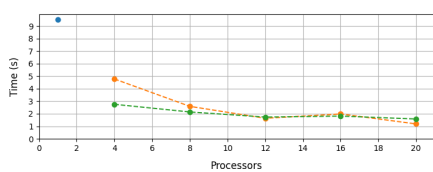
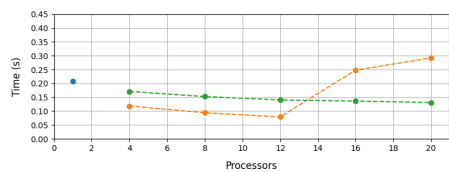


(b) mini



(c) bbc

For ccnibn. Check the twenty process performance. Cblas acceleration. The slices are too small and cblas routines are not utilised.



(a) cnnibn

(b) cnn

(c) ndtv

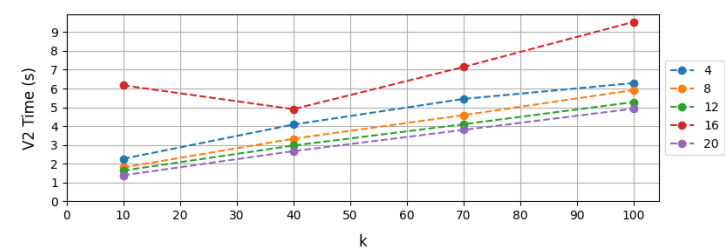
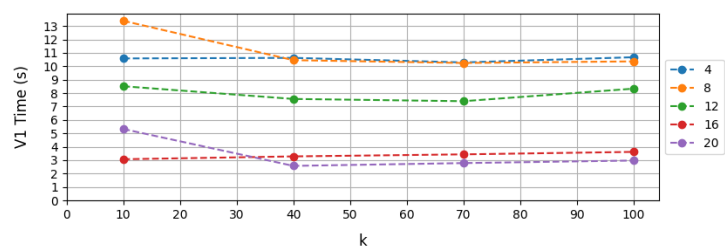
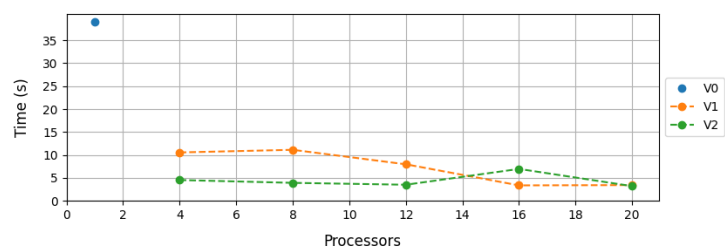


Figure 4: timesnow