

PFLOCK Report

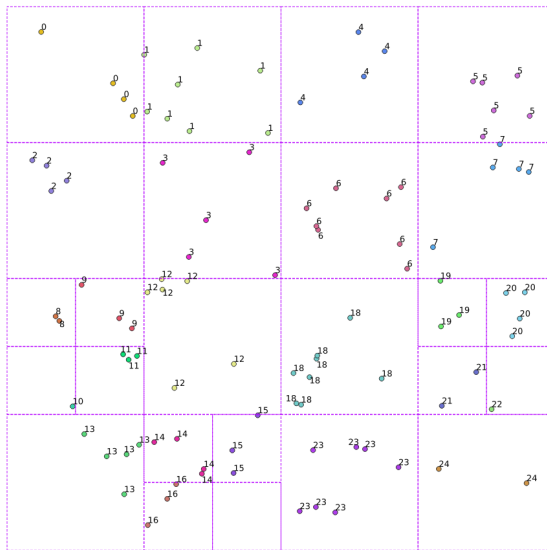
Andres Calderon

University of California, Riverside

March 20, 2020

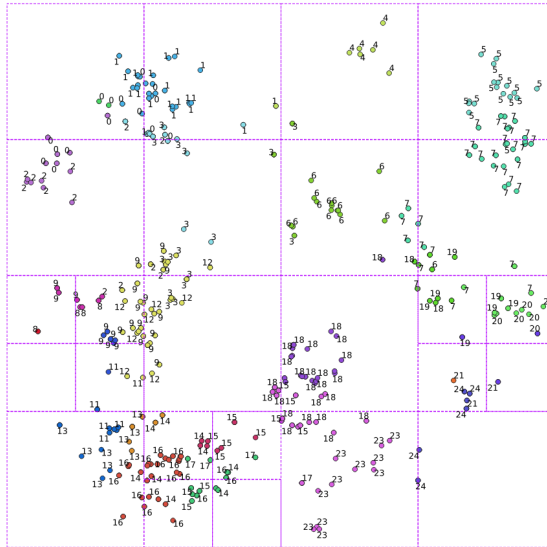
Spatial distance join issue in GeoSpark...

Pointset A



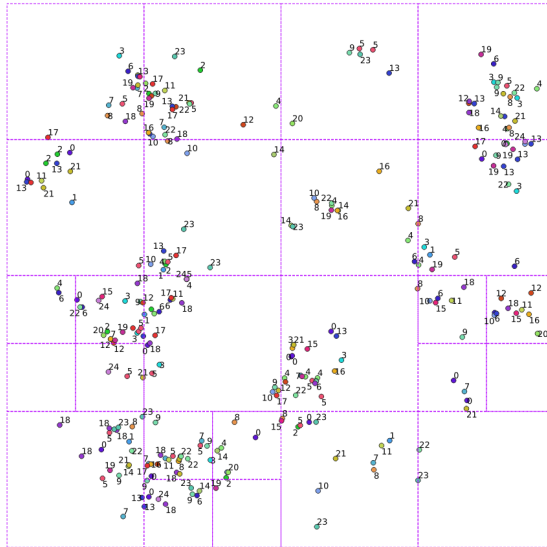
Spatial distance join issue in GeoSpark...

Pointset B



Spatial distance join issue in GeoSpark.....

Results



What's next?

- ▶ I have prepared a demo to post in the GeoSpark forum.
- ▶ I am exploring an option. It seems the problem can be when I convert from a JavaPairRDD (the native response from GeoSpark) to the standard RDD I need in Scala.
- ▶ Now that we can perform the join directly from Scala I think I can track directly how behave the partitions. Currently working on that...