Geoinformatica paper extension

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So far...

- I had some troubles with Bronw's k-d tree to define the cell boundaries in real data (also dealing with float-point data)...
- Sedona's k-d tree already integrate this quite well...
- Brown algorithm was useful to understand better sedona's one and I was able to move part of the optimization to a custom code...

So far...

- I think that given a representative sample it is possible to detect unbalanced cells and compute an initial set of intervals for optimization...
- Once we feed the tree to assign each point we could update the interval accordingly...
- It should give us some advantage because we save subsequent sorting and we will have a set of intervals ready for optimization...