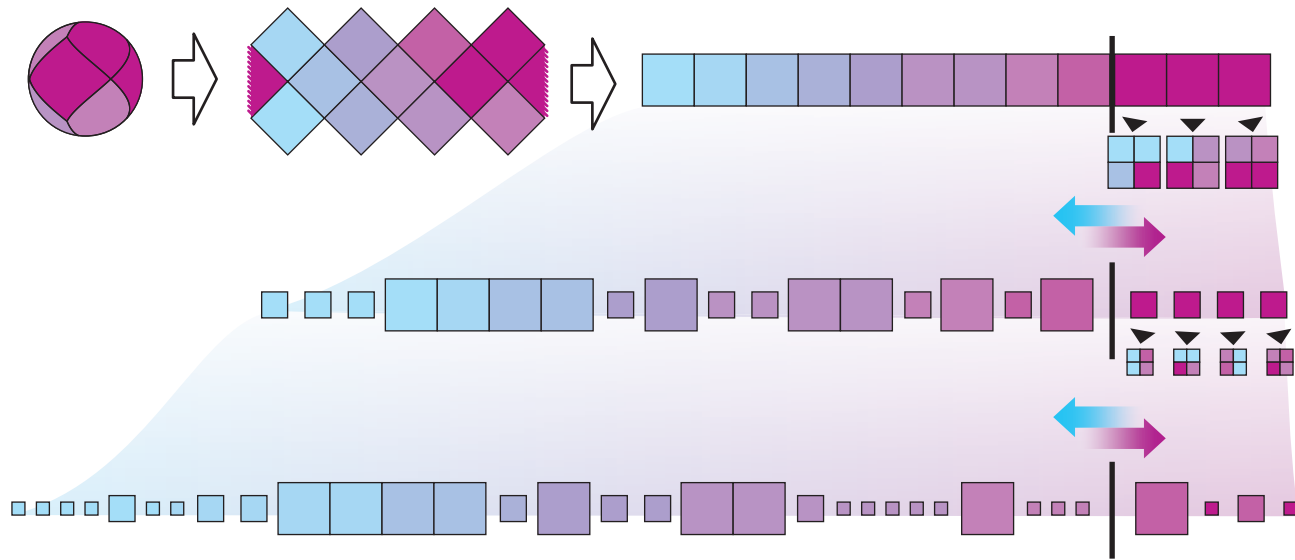


1. Evaluate localization on
base tessellation of N pixels

2. Sort by probability and select top $N/4$ pixels



3. Subdivide & replace with
 N new daughter pixels

4. Sort by probability and
select top $N/4$ pixels

5. Subdivide & replace with
 N new daughter pixels

6. Sort by probability and
select top $N/4$ pixels

Repeat