X-ray images of paintings

van Gogh’s *A Pair of Leather Clogs* (F607)
Examining in more detail...
Examining in more detail...
Weave maps
Angle Maps

Vertical Thread Angle

Horizontal Thread Angle

cusping
Thread cusping due to canvas stretching

measure
thread displacement
angle

nails
Case Study in Weave Matching

F651/JH1844
The Walk; Falling Leaves

F659/JH1850
The Garden of Saint-Paul Hospital
Case Study in Weave Matching

- Found that F651 matches F659 in warp with a $\rho^* = 0.7$
- However, can’t tell how far apart the canvas sections are

F651/JH1844
The Walk; Falling Leaves

F659/JH1850
The Garden of Saint-Paul Hospital