

Healthy Apple

Diseased Apple

Decision Boundary

Support Vectors

Positive Margin

Negative Margin

Margin Violations: 43

Margin width: 1.6856

Texture Regularity (Higher = More Uniform Texture)

Learning Rate: 0.001
Lambda: 0.001
C: 10.0
Iterations: 2000

Epoch	Loss
0	12.75
50	11.35
250	11.28
500	11.20
750	11.12
1000	11.02
1250	10.95
1500	10.90
1750	10.85
2000	10.82