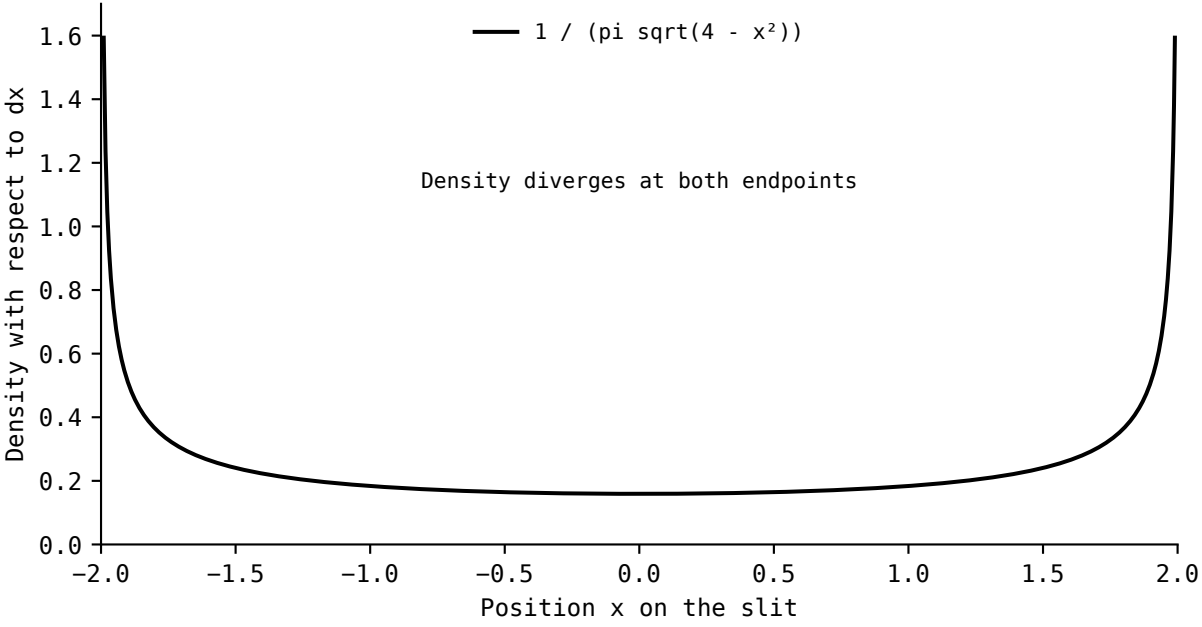

1 / (pi sqrt(4 - x²))
Density diverges at both endpoints
Density with respect to dx
Position x on the slit
0.0
0.2
0.4
0.6
0.8
1.0
1.2
1.4
1.6
−2.0
−1.5
−1.0
−0.5
0.0
0.5
1.0
1.5
2.0