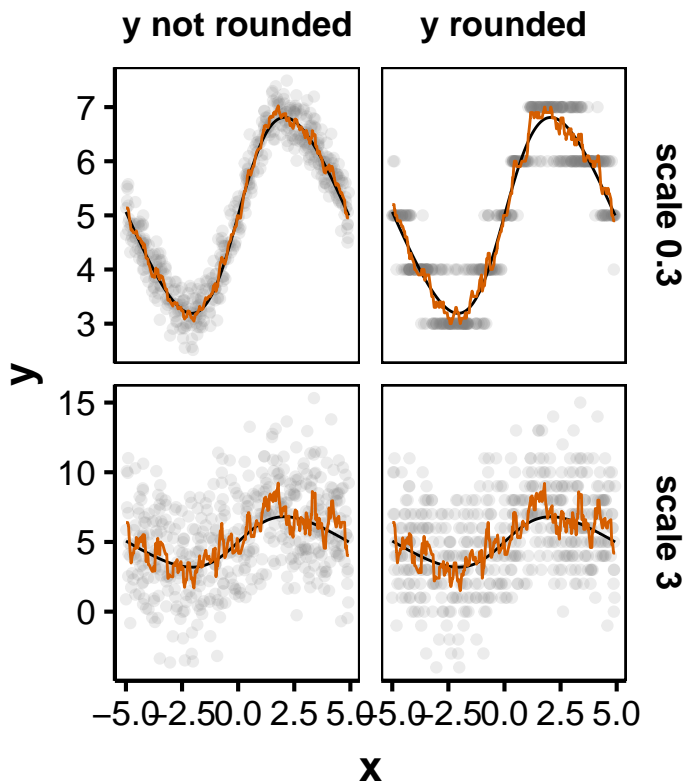A) Less smooth fit (k=10).

B) Smooth fit (k=30).