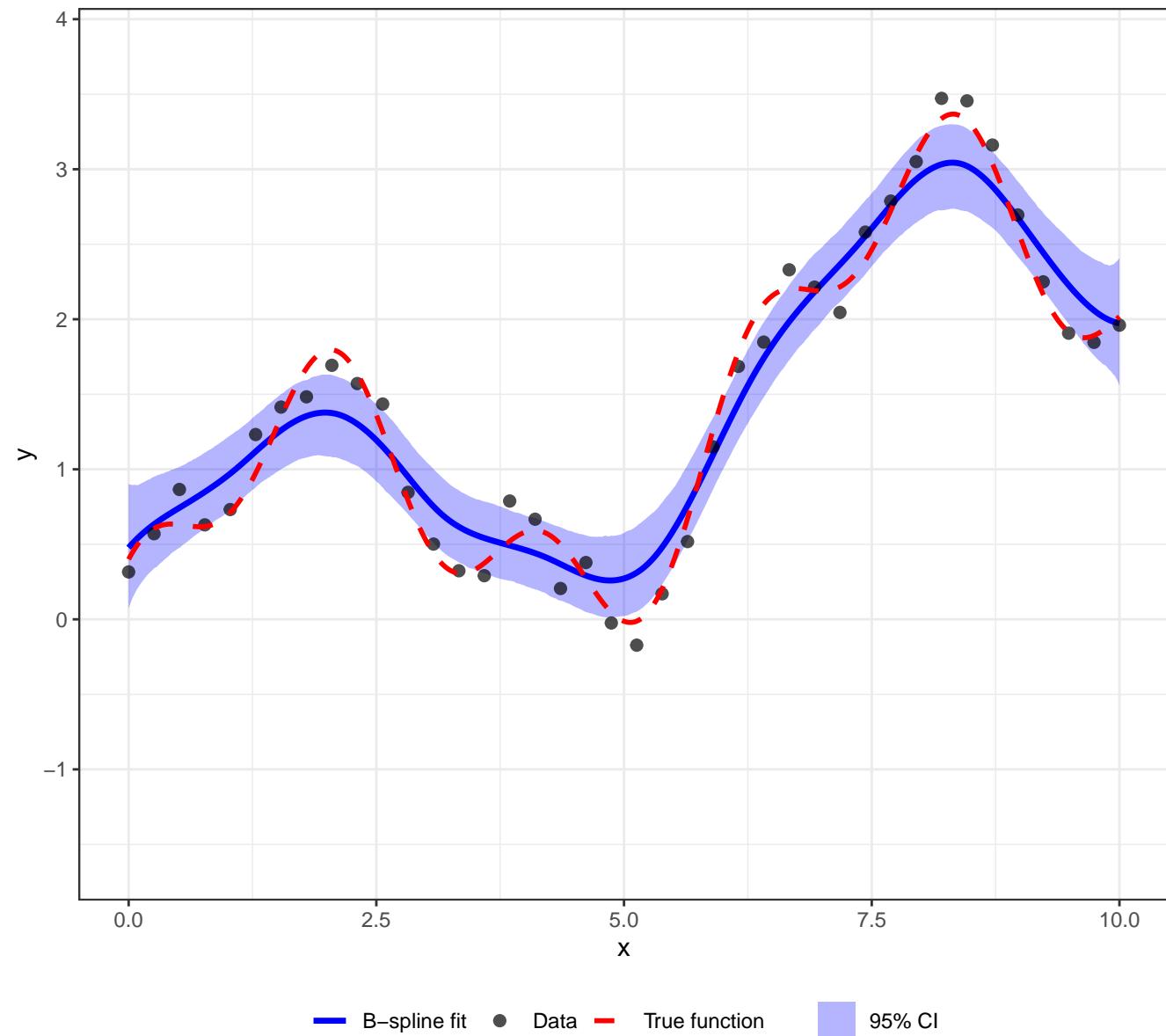


B-spline Fit Demonstrating Key Features

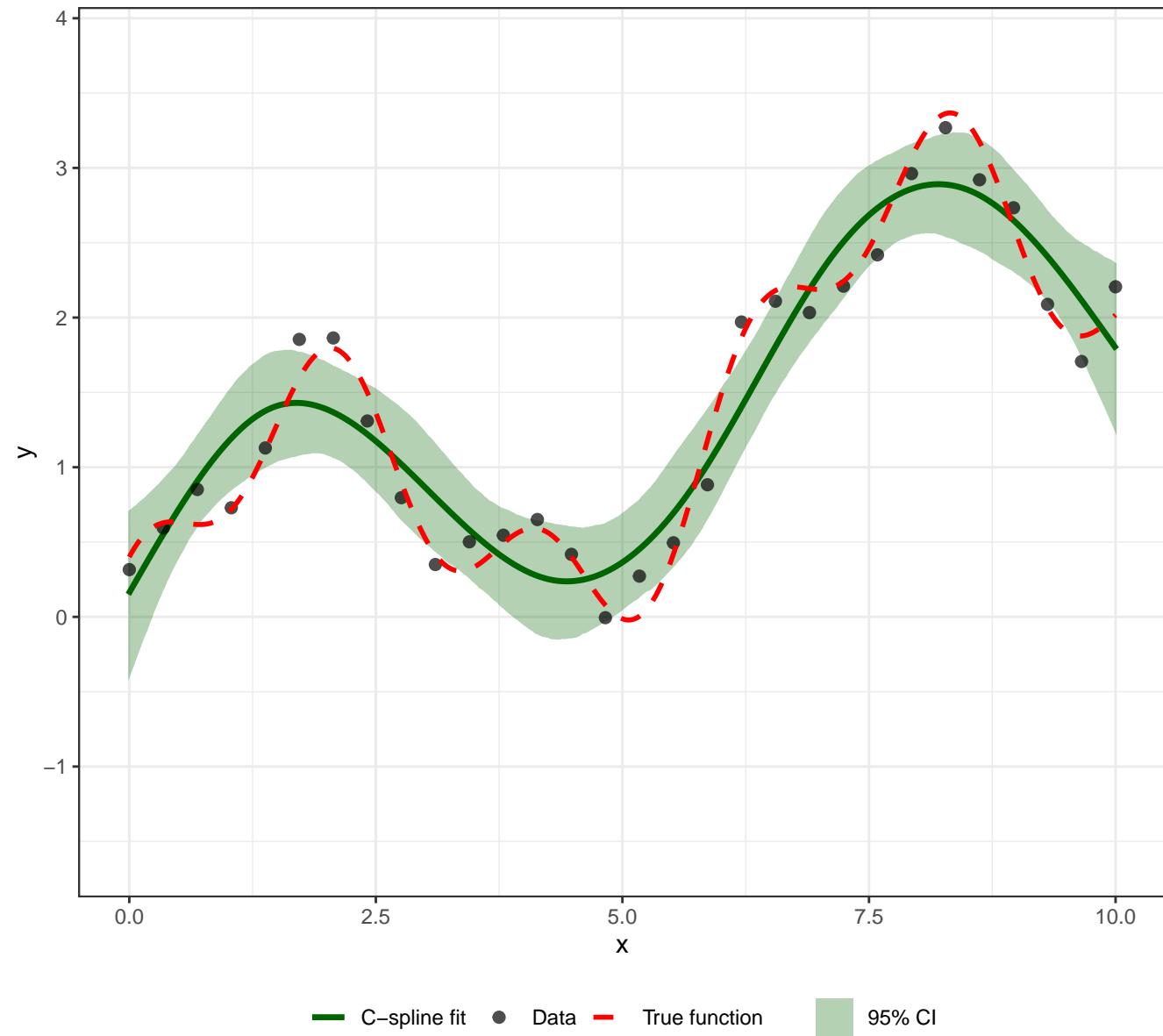
True function: $\sin(x) + 0.4 \cdot \cos(3x) + 0.25 \cdot x$



Parameters: knots = 20, smoothing_strength = 0.1, Estimated sigma = 0.278

C-spline (Natural Cubic Spline) Fit with 95% Credible Interval

True function: $\sin(x) + 0.4 \cdot \cos(3x) + 0.25 \cdot x$



Parameters: num_knots = 8, Estimated sigma = 0.358