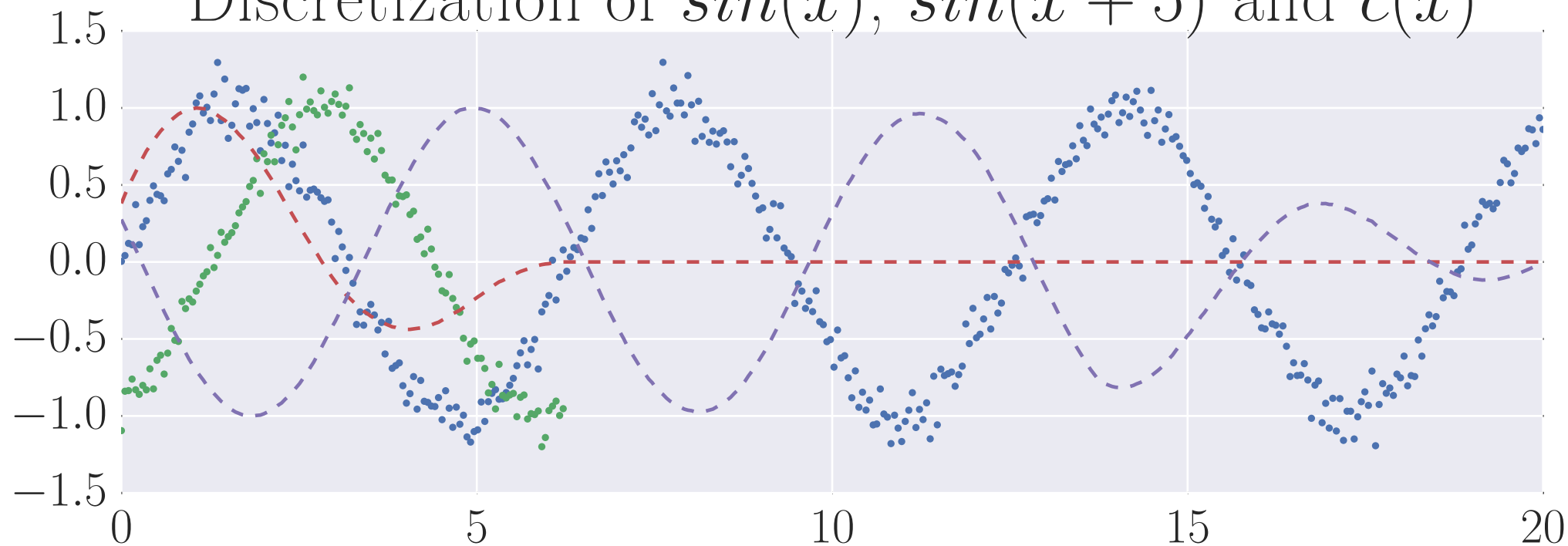


# Discretization of $\sin(x)$ , $\sin(x + 5)$ and $c(x)$



$\bullet$   $f = \sin(x)$  with noise  
 $\bullet$   $g = \sin(x + 5)$  with noise  
 $---$   $\sum_{0 \leq n \leq N-1, 0 \leq n+k \leq M-1} f^*(n)g(n+k)$