A. VLDL+LDL (Western diet vs chow diet)
   \( r = 0.344, p = 0.00049 \)

B. total cholesterol (Western diet vs chow diet)
   \( r = 0.318, p = 0.00133 \)

C. HDL (Western diet vs chow diet)
   \( r = 0.591, p = 1.24 \times 10^{-10} \)

D. triglycerides (Western diet vs chow diet)
   \( r = 0.54, p = 7.76 \times 10^{-9} \)