(a) All

\[ y = 5.4x + 24.1 \]
\[ r = 0.66 \]
\[ p < 0.01 \]

(b) Type A

\[ y = 11.0x + 8.2 \]
\[ r = 0.75 \]
\[ p < 0.01 \]

(c) Type B

\[ y = 4.0x + 26.8 \]
\[ r = 0.63 \]
\[ p < 0.01 \]

(d) Type C

\[ y = 4.3x + 52.9 \]
\[ r = 0.47 \]
\[ p = 0.06 \]

(e) All

\[ y = 2.4x + 22.1 \]
\[ r = 0.67 \]
\[ p < 0.01 \]

(f) Type A

\[ y = 4.8x + 2.5 \]
\[ r = 0.85 \]
\[ p < 0.01 \]

(g) Type B

\[ y = 1.3x + 13.8 \]
\[ r = 0.79 \]
\[ p < 0.01 \]

(h) Type C

\[ y = 1.5x + 58.1 \]
\[ r = 0.60 \]
\[ p < 0.01 \]