$$S = ECwt | ht = x + 2 \rangle - E(wt | ht = x)$$

$$E(wt | ht = x) = B_0 + B_1 \times$$

$$B_0 + B_0 \times + B_1 \times - (B_0 + B_2 \times)$$

$$= 2B_1$$

$$S = 2B_2$$

$$\frac{\sum_{i=1}^{N} (x_i - \overline{x})(y_i - \overline{y})}{\sum_{i=1}^{N} (x_i - \overline{x})(y_i - \overline{y})}$$