$$S(1,\ldots,s) = \underbrace{\sum_{m=1}^{m_t}(-1)^{m+1}\sum_{i_1<\cdots<i_m} I(i_1,\ldots,i_m)}_{\text{entropy estimate with correlation order } m_t} + \underbrace{\sum_{m=m_t+1}^{s}(-1)^{m+1}\sum_{i_1<\cdots<i_m} I(i_1,\ldots,i_m)}_{\text{correlations of order higher than } m_t}$$

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