

$$E_{core} = \underbrace{\frac{1}{n} \sum_{i \in [n]} \ell(\mathbf{x}_i, y_i; A_S)}_{\text{Left Diagram}} - \underbrace{\frac{1}{|S|} \sum_{j \in S} \ell(\mathbf{x}_j, y_j; A_S)}_{\text{Right Diagram}}$$





