

$$\text{Hedging set amount} = \left[\left(\sum_{k=1}^K \rho_k * \text{AddOn}(\text{Ref}_k) \right)^2 + \sum_{k=1}^K \left((1 - (\rho_k)^2) * (\text{AddOn}(\text{Ref}_k))^2 \right) \right]^{\frac{1}{2}}$$