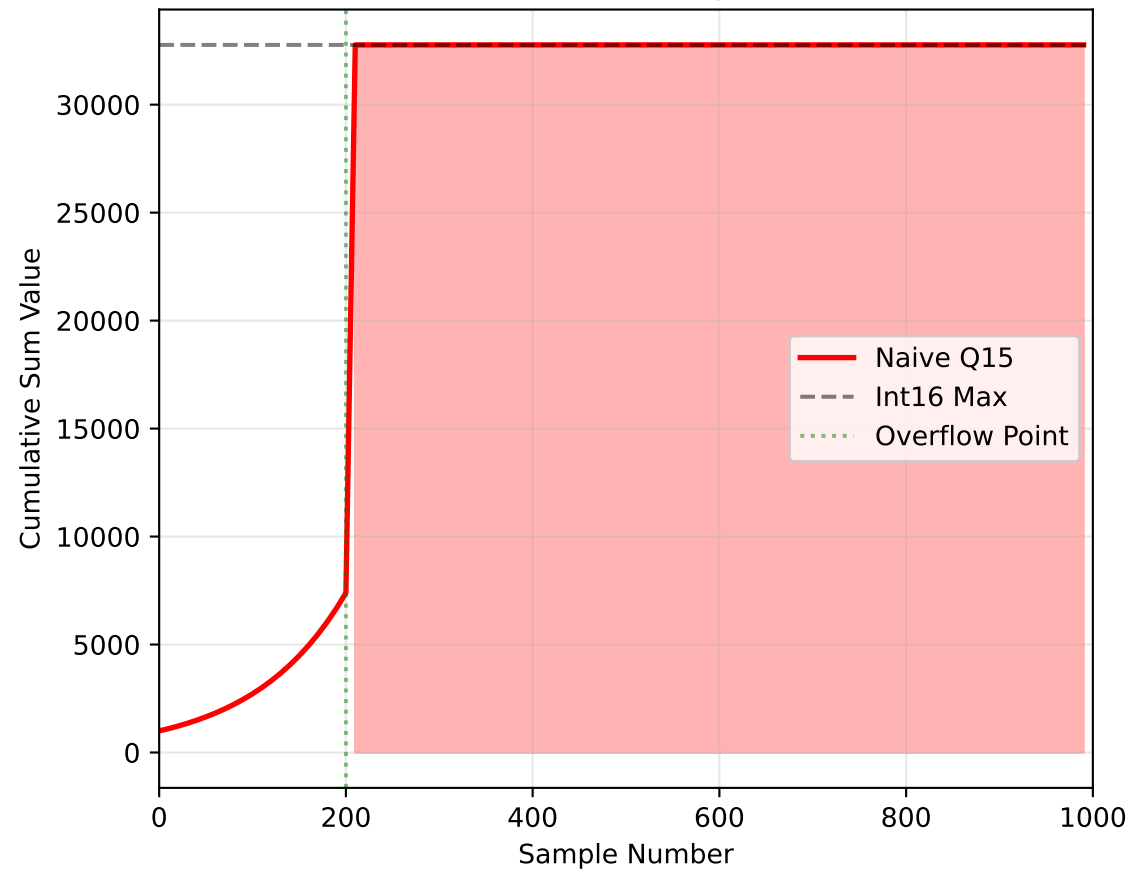


(a) Overflow in Naive Implementation



(b) Stable Operation with Scaling Strategy

