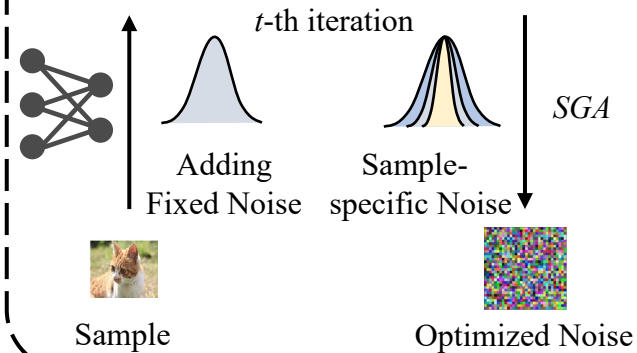
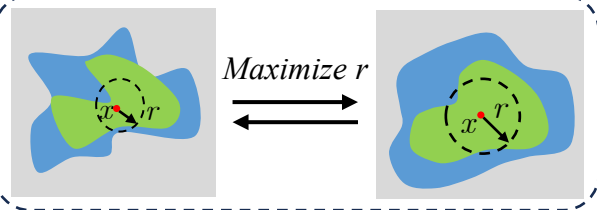
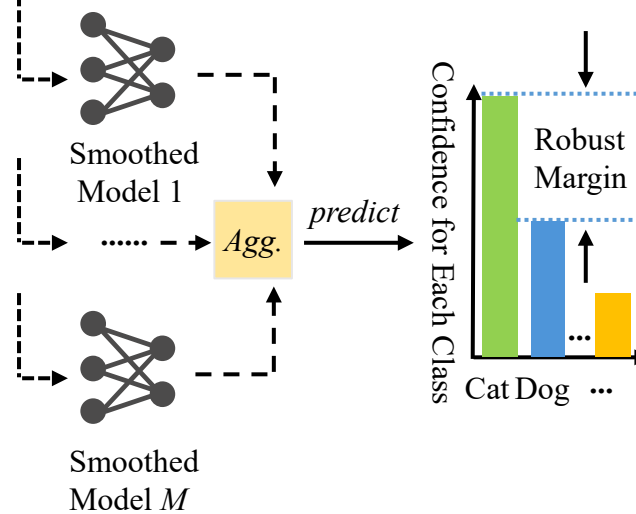
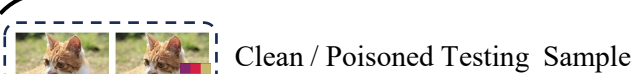
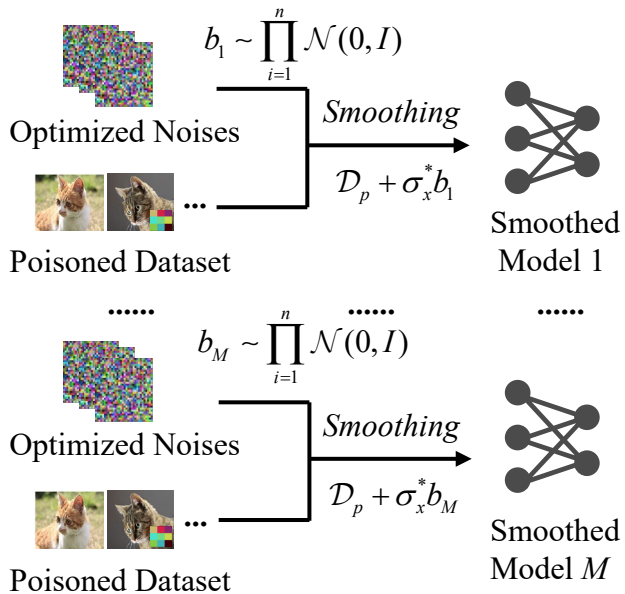


### Optimized Noise Generation



Stage 1: Cert-SSBD Training

### Robust Training Process



Stage 2: Cert-SSBD Inference

