

Supplementary Material S3: Reproducibility Guide

Overview

This guide describes how to reproduce the experimental results reported in the manuscript.

Software Environment

Python 3.10, OpenCV, NumPy, Scikit-learn, PyCryptodome.

Datasets

Public datasets: BSDS500, CelebA, NIH Chest X-ray.

Execution Steps

Step-by-step execution order for feature extraction, training, and encryption.

Reproducibility Notes

Fixed random seeds and consistent parameters were used across all experiments.