Training

Data

Unlearning

Model

Unlearned Model

Retrain-Free Evaluation

**Diverse tasks and modality**

Image Classification
Sentiment Analysis
Visual Reasoning
Video Action Recognition
Speech Keword Spotting
Biomedical relation extraction

Text generation
Summarization
Text-to-Image Generation

Outdated Knowledge
Sensitive Data
Private Information

Retain Data $D_r$

Deletion request $D_f$

**Unified splits and models**

10 splits per dataset
20 architectures
34 scales

**Unified View of Unlearning**

Teacher on Dr
Teacher on Df

| Intact Grad | Task Loss | Corrupt Grad |
| Intact Data | Representation | Corrupt Data |
| Original Model | Logit | Corrupt Model |