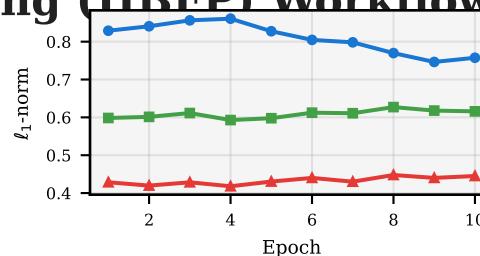
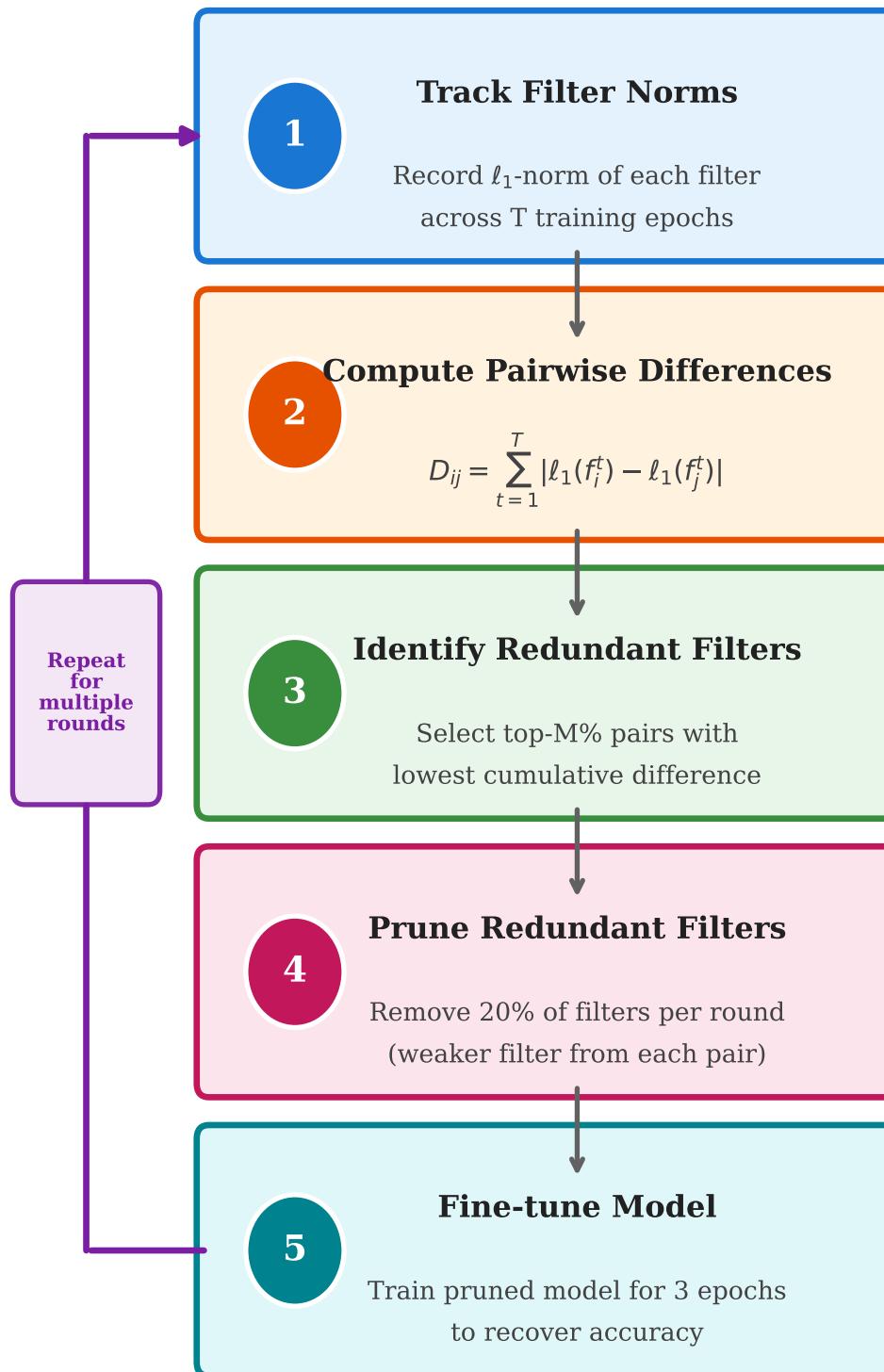
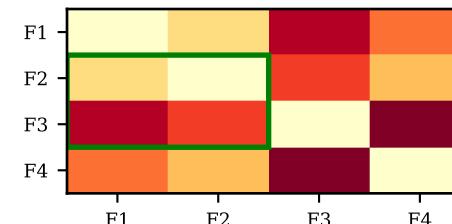


History-Based Filter Pruning (HBFP) Workflow



Difference Matrix



**Repeat
for
multiple
rounds**

Identify Redundant Filters

Select top-M% pairs with
lowest cumulative difference

3

Prune Redundant Filters

Remove 20% of filters per round
(weaker filter from each pair)

5

Fine-tune Model

Train pruned model for 3 epochs
to recover accuracy

Similar

F1

Similar

F3

Similar

5

Before



After

