

## Supplemental Results

This section provides additional experimental results that complement Section ??.

### S2.1 Extended Benchmark Results

#### S2.1.1 Additional Datasets

We evaluated our method on 15 additional benchmark datasets beyond those reported in Section ??:

| Dataset      | Size    | Dimensions | Type           | Source     |
|--------------|---------|------------|----------------|------------|
| UCI-1        | 1,000   | 20         | Regression     | UCI ML Rep |
| UCI-2        | 5,000   | 50         | Classification | UCI ML Rep |
| UCI-3        | 10,000  | 100        | Multi-class    | UCI ML Rep |
| Synthetic-1  | 50,000  | 500        | Convex         | Generat    |
| Synthetic-2  | 100,000 | 1000       | Non-convex     | Generat    |
| LibSVM-1     | 20,000  | 150        | Binary         | LIBSVM     |
| LibSVM-2     | 30,000  | 300        | Multi-class    | LIBSVM     |
| OpenML-1     | 15,000  | 80         | Regression     | OpenM      |
| OpenML-2     | 25,000  | 120        | Classification | OpenM      |
| Real-world-1 | 8,000   | 40         | Time-series    | Industri   |