

| Model   | DA* | MFCC | GFCC | CQT | Chroma | ESC-50       | US8K         |
|---------|-----|------|------|-----|--------|--------------|--------------|
| ADCNN-5 | Yes | ✓    |      |     |        | 80.25        | 88.45        |
|         |     |      | ✓    |     |        | 78.15        | 87.12        |
|         |     |      |      | ✓   |        | 79.92        | 87.75        |
|         |     |      |      |     | ✓      | 72.45        | 82.20        |
|         |     | ✓    | ✓    |     |        | 83.25        | 92.50        |
|         |     | ✓    |      | ✓   |        | 83.50        | 94.35        |
|         |     | ✓    |      |     | ✓      | 81.75        | 89.65        |
|         |     |      | ✓    | ✓   |        | 81.52        | 90.86        |
|         |     |      | ✓    |     | ✓      | 79.95        | 88.56        |
|         |     |      |      | ✓   | ✓      | 80.65        | 89.75        |
|         |     | ✓    | ✓    | ✓   |        | 86.05        | 96.85        |
|         |     | ✓    | ✓    |     | ✓      | 84.35        | 94.90        |
|         |     | ✓    |      | ✓   | ✓      | 85.65        | 95.55        |
|         |     |      | ✓    | ✓   | ✓      | 84.15        | 93.25        |
|         |     | ✓    | ✓    | ✓   | ✓      | <b>87.45</b> | <b>97.52</b> |
| ADCNN-5 | No  | ✓    |      |     |        | 75.65        | 85.50        |
|         |     |      | ✓    |     |        | 73.50        | 83.85        |
|         |     |      |      | ✓   |        | 74.25        | 84.75        |
|         |     |      |      |     | ✓      | 69.35        | 79.25        |
|         |     | ✓    | ✓    |     |        | 79.12        | 88.25        |
|         |     | ✓    |      | ✓   |        | 78.55        | 89.50        |
|         |     | ✓    |      |     | ✓      | 76.30        | 86.15        |
|         |     |      | ✓    | ✓   |        | 77.62        | 86.32        |
|         |     |      | ✓    |     | ✓      | 74.75        | 84.45        |
|         |     |      |      | ✓   | ✓      | 75.15        | 85.22        |
|         |     | ✓    | ✓    | ✓   |        | 82.95        | 92.90        |
|         |     | ✓    | ✓    |     | ✓      | 82.22        | 89.85        |
|         |     | ✓    |      | ✓   | ✓      | 83.02        | 90.65        |
|         |     |      | ✓    | ✓   | ✓      | 79.10        | 88.32        |
|         |     | ✓    | ✓    | ✓   | ✓      | <b>84.50</b> | <b>94.25</b> |

\*DA stands for Data Augmentation.