

| Method family       | Accuracy (UCR) | Efficiency   | Scalability  | Subsequence interpretability | Feature compactness |
|---------------------|----------------|--------------|--------------|------------------------------|---------------------|
| Classical shapelets | $\sim$         | $\times$     | $\times$     | $\checkmark$                 | $\sim$              |
| Random shapelets    | $\sim$         | $\checkmark$ | $\checkmark$ | $\checkmark$                 | $\sim$              |
| ROCKET lineage      | $\checkmark$   | $\checkmark$ | $\checkmark$ | $\times$                     | $\sim$              |
| Scalable ensembles  | $\checkmark$   | $\sim$       | $\sim$       | $\times$                     | $\times$            |
| HIVE-COTE 2.0       | $\checkmark$   | $\times$     | $\times$     | $\times$                     | $\times$            |
| Deep CNNs           | $\checkmark$   | $\sim$       | $\checkmark$ | $\times$                     | $\times$            |
| <b>FAST (ours)</b>  | $\checkmark$   | $\checkmark$ | $\checkmark$ | $\checkmark$                 | $\checkmark$        |

*Symbols:*  $\checkmark$  strong;  $\sim$  mixed/conditional;  $\times$  weak/absent.