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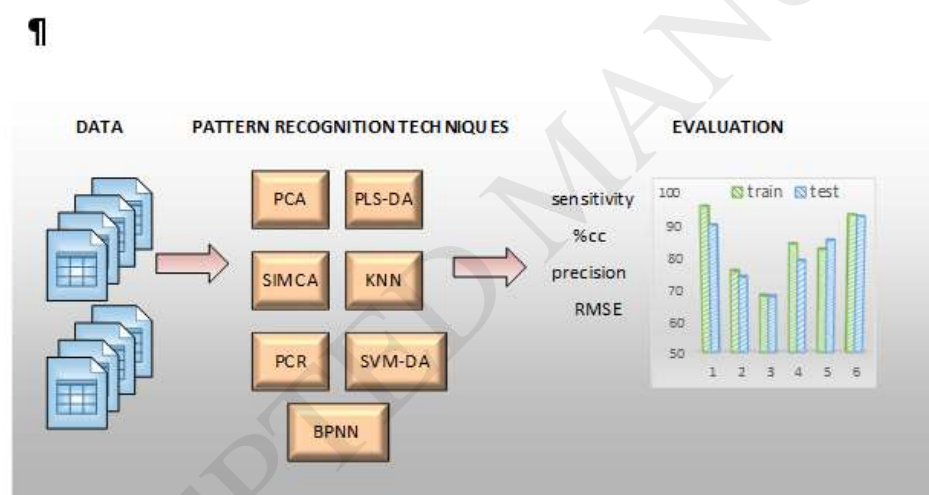
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Graphical abstract



Highlights

- Classification of pharmaceutical taste-masked samples studied by electronic tongue
- Comparison of the classification abilities of 7 pattern recognition techniques
- 399 models developed to obtain reliable and repeatable results
- Critical aspects of pattern recognition for electronic tongue data analysis

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