Bayesian Trees for Automated Cytometry Data Analysis

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- Comparable cell classification and disease diagnosis accuracy relative to manual classification

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- Response of each cell to each marker
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Cells



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$$P(T|D, K) \propto P(T|K) \cdot P(D|T, K)$$

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Output: Readily Interpretable Classifier



Cell Classification

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Learn more at our poster!

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 Right: The cut location of H5 moved towardsright, becaus containsmore data pointscompared to H1 and H2.