positive instances

10000 random training data

positive instances
negative instances

positive instances
negative instances

positive instances
negative instances

positive instances
negative instances

learning

learning

learning

positive instances
negative instances

test instances

\[
\begin{array}{|c|c|}
\hline
\text{instance (PPI)} & \# \text{times judged to be positive} \\
\hline
\text{A/B} & 9999/10000 \\
\text{C/D} & 8500/10000 \\
\text{E/F} & 7000/10000 \\
\ldots & \ldots \\
\hline
\end{array}
\]

'druggability score'