## Cheatsheet for 001-006-probas.tex

```
\mathcal{U}_{[0,\ 1]},\ \mathcal{N}(\mu,\ \sigma)
 \mathrm{P}(X\in A)\,,\ \mathrm{P}(X\in A\mid Y\in B,\ Z\in C)
\ensuremath{\setminus} \mathtt{exLaws}
\exProba
                                           \overrightarrow{ABC}
\ensuremath{\texttt{exJoint}}
                                           A \mid B, C
\backslash \texttt{exCond}
\ensuremath{\verb|\ensuremath{\verb|}|}exCustomLaws
                                           P_X, P_{X \mid Y, Z}
                                          p_{X}, p_{X|Y, Z}
p_{XY}(x, y) = p_{Y|X=x}(y)p_{X}(x)
X \sim \mathcal{U}_{[0, 1]}
x \leftarrow X
\backslash \mathtt{exDensities}
\exDensitiesOf
\exFollows
\backslash \texttt{exToss}
\backslash \texttt{exMoments}
                                          E[X], var(X), cov(X)
```