Examples

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1 math.tex

1.1 Basic notation helper commands

- Caligraphic letters e.g., $\mathcal{A}, \mathcal{X}$: `$\calA, \calX$`

- Blackboard bold letters e.g., $\mathbb{A}, \mathbb{X}$: `$\bbA, \bbX$`

- Bold letters e.g., $\boldsymbol{A}, \boldsymbol{x}$: `$\bmA, \bmx$`

1.2 Basic math helpers

- Support e.g., $\mathrm{supp}(X)$: `$\supp(X)$`

- Indicator function e.g., $\mathbb{1}[X = 1]$: `$\indix[X = 1]$`

- Differential e.g., $\int p(x)\,\mathrm{d}x$: `$\int p(x) \dd x$`

- Simulated iid e.g., $x \overset{\mathrm{iid}}{\sim} \pi$: `$x \simiid \pi $`

- Equal in distribution e.g., $x \overset{\mathcal{D}}{=} y$: `$x \eqdist y $`