DBDA 3

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Front matter

```
Error: package or namespace load failed for 'rjags':
.onLoad failed in loadNamespace() for 'rjags', details:
call: dyn.load(file, DLLpath = DLLpath, ...)
error: unable to load shared object '/Library/Frameworks/R.framework/Versions/4.4-arm64/Resources
dlopen(/Library/Frameworks/R.framework/Versions/4.4-arm64/Resources/library/rjags/libs/rjags.so,
Referenced from: <CAF5E1DC-317A-34FE-988A-FB6F7C73D89E> /Library/Frameworks/R.framework/Versions/
Reason: tried: '/usr/local/lib/libjags.4.dylib' (no such file), '/System/Volumes/Preboot/Cryptexe
This is the front matter, in an index.qmd file required by Quarto because it assumes a
website is being created.
```

Chapter 1

What's in this book (Read this first!)

```
Error: package or namespace load failed for 'rjags':
.onLoad failed in loadNamespace() for 'rjags', details:
call: dyn.load(file, DLLpath = DLLpath, ...)
error: unable to load shared object '/Library/Frameworks/R.framework/Versions/4.4-arm64/Resources/
dlopen(/Library/Frameworks/R.framework/Versions/4.4-arm64/Resources/library/rjags/libs/rjags.so,
Referenced from: <CAF5E1DC-317A-34FE-988A-FB6F7C73D89E> /Library/Frameworks/R.framework/Versions/Reason: tried: '/usr/local/lib/libjags.4.dylib' (no such file), '/System/Volumes/Preboot/Cryptexe
This is a reference: Knuth (1984).
```

1.1 Real people can read this book

| Property | Mean & SD | Median & ETI | Mode & HDI |
|--------------------------------------|-------------------|------------------------|---------------------------------|
| Essential measure: | Squared deviation | Cumulative probability | Probability density |
| Describe any distribution: | Worst | Middling | Best |
| Non-linear transformation invariant: | No | Yes | Only for discrete distributions |
| Typical application: | Prior | Posterior | Prior and posterior |
| MCMC stability: | Best | Middling | Worst |

```
pdf_table_df |>
  tt(width = c(2, 1.1, 1.1, 1.1)) |>
  format_tt(i = "colnames", escape = TRUE) |> # To handle the underscores and ampersands
  style_tt(j = 1, align = "l") |>
  style_tt(j = 2:4, align = "c") |>
  setNames(c("Property", "Mean & SD", "Median & ETI", "Mode & HDI"))
```

References

Knuth, D. E. (1984). Literate programming. Comput. J., 27(2), 97–111. https://doi.org/10.1093/comjnl/27.2.97