Maxspeed

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Keywords:

Highlights:

# 1 Introduction

This is a replication of (Fig. 4.1) from

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# 2 Background

# 3 Methods

# 4 Results

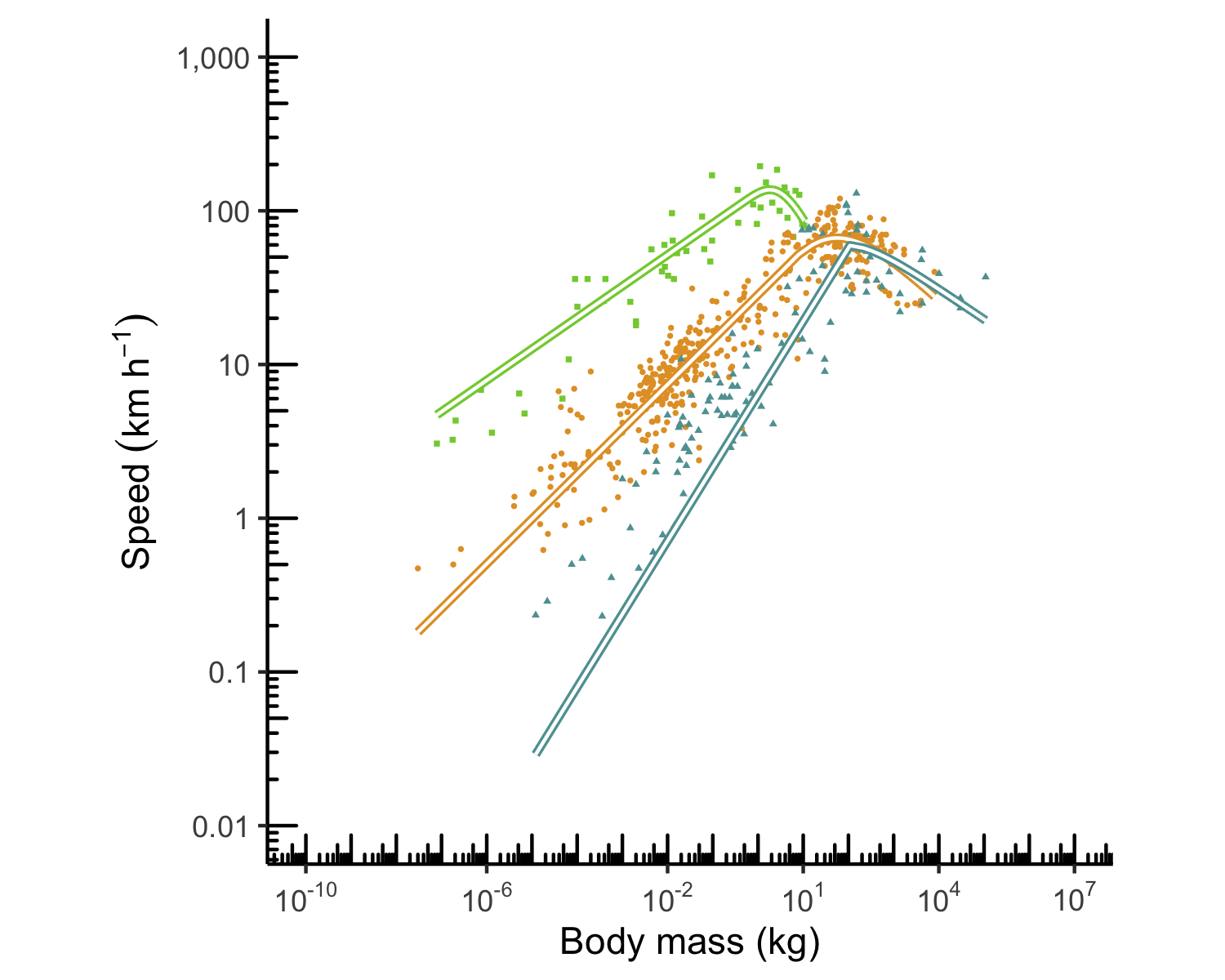


Figure 4.1: Replication of figure 2a from1

# 5 Discussion

# 6 Conclusion

# 7 Acknowledgements

# 8 References

1. Hirt, M. R., Jetz, W., Rall, B. C. & Brose, U. A general scaling law reveals why the largest animals are not the fastest. *Nature Ecology & Evolution* **1**, 1116–1122 (2017).

### 8.0.1 Colophon

This report was generated on 2021-11-29 12:02:44 using the following computational environment and dependencies:

#> ─ Session info 🔶 🙏🏾 💑 ─────────────────────────────────────────────────  
#> hash: large orange diamond, folded hands: medium-dark skin tone, couple with heart  
#>   
#> setting value  
#> version R version 4.1.2 (2021-11-01)  
#> os macOS Monterey 12.0.1  
#> system x86\_64, darwin21.1.0  
#> ui unknown  
#> language (EN)  
#> collate en\_US.UTF-8  
#> ctype en\_US.UTF-8  
#> tz America/Los\_Angeles  
#> date 2021-11-29  
#> pandoc 2.14.0.3 @ /Applications/RStudio.app/Contents/MacOS/pandoc/ (via rmarkdown)  
#>   
#> ─ Packages ───────────────────────────────────────────────────────────────────  
#> ! package \* version date (UTC) lib source  
#> assertthat 0.2.1 2019-03-21 [1] CRAN (R 4.1.2)  
#> bookdown 0.24 2021-09-02 [1] CRAN (R 4.1.2)  
#> cachem 1.0.6 2021-08-19 [1] CRAN (R 4.1.2)  
#> callr 3.7.0 2021-04-20 [1] CRAN (R 4.1.2)  
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#> desc 1.4.0 2021-09-28 [1] CRAN (R 4.1.2)  
#> devtools 2.4.2 2021-06-07 [1] CRAN (R 4.1.2)  
#> digest 0.6.28 2021-09-23 [1] CRAN (R 4.1.2)  
#> dplyr \* 1.0.7 2021-06-18 [1] CRAN (R 4.1.2)  
#> ellipsis 0.3.2 2021-04-29 [1] CRAN (R 4.1.2)  
#> evaluate 0.14 2019-05-28 [1] CRAN (R 4.1.2)  
#> fansi 0.5.0 2021-05-25 [1] CRAN (R 4.1.2)  
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#> fastmap 1.1.0 2021-01-25 [1] CRAN (R 4.1.2)  
#> fs 1.5.0 2020-07-31 [1] CRAN (R 4.1.2)  
#> generics 0.1.1 2021-10-25 [1] CRAN (R 4.1.2)  
#> ggplot2 \* 3.3.5 2021-06-25 [1] CRAN (R 4.1.2)  
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#> gtable 0.3.0 2019-03-25 [1] CRAN (R 4.1.2)  
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#> knitr 1.36 2021-09-29 [1] CRAN (R 4.1.2)  
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#> pillar 1.6.4 2021-10-18 [1] CRAN (R 4.1.2)  
#> pkgbuild 1.2.0 2020-12-15 [1] CRAN (R 4.1.2)  
#> pkgconfig 2.0.3 2019-09-22 [1] CRAN (R 4.1.2)  
#> pkgload 1.2.3 2021-10-13 [1] CRAN (R 4.1.2)  
#> prettyunits 1.1.1 2020-01-24 [1] CRAN (R 4.1.2)  
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#> ps 1.6.0 2021-02-28 [1] CRAN (R 4.1.2)  
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#> R6 2.5.1 2021-08-19 [1] CRAN (R 4.1.2)  
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#> readxl 1.3.1 2019-03-13 [1] CRAN (R 4.1.2)  
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#> roxygen2 7.1.2 2021-09-08 [1] CRAN (R 4.1.2)  
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#> rstudioapi 0.13 2020-11-12 [1] CRAN (R 4.1.2)  
#> scales 1.1.1 2020-05-11 [1] CRAN (R 4.1.2)  
#> sessioninfo 1.2.1 2021-11-02 [1] CRAN (R 4.1.2)  
#> stringi 1.7.6 2021-11-29 [1] CRAN (R 4.1.2)  
#> stringr 1.4.0 2019-02-10 [1] CRAN (R 4.1.2)  
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#> tibble 3.1.6 2021-11-07 [1] CRAN (R 4.1.2)  
#> tidyselect 1.1.1 2021-04-30 [1] CRAN (R 4.1.2)  
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#> utf8 1.2.2 2021-07-24 [1] CRAN (R 4.1.2)  
#> vctrs 0.3.8 2021-04-29 [1] CRAN (R 4.1.2)  
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#> xfun 0.28 2021-11-04 [1] CRAN (R 4.1.2)  
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#>   
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The current Git commit details are:

#> Local: main /Users/sjeknic/Documents/Stanford\_University/Year7/software\_eng/maxspeed  
#> Remote: main @ origin (https://github.com/sjeknic/maxspeed.git)  
#> Head: [74ea3dc] 2021-11-29: updated readme