

# Bookdown test

subtitle goes here

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and contributors*

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# About the book

This is a test book

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**How to cite:** insert here

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# Chapter 1

## Chapter 1 with interactive media tests

Testing...

### Display interactive content in HTML with screenshot in PDF

- First, define a text reference for each caption, because it accepts RMarkdown cites and links. See Bookdown section 2.2.4
- Second, insert the figure with an R code chunk <https://bookdown.org/yihui/bookdown/r-code.html>, using the if-then-else statement from Michael Dorman, to display interactive version in HTML and static version in PDF.
- Optional: In the body text, insert a dynamic reference to the figure in the same file (which due to floating images in PDF engines, may appear on a different page), like this: ... as shown in Figure 1.1.

UPDATED Unanswered questions:

1. What's the best way to control the image size in PDF output?
  - `fig.height=9` (default is 7)
  - `fig_height=9` (I tried both of these versions)
  - `out.height="600px"`
  - `out.height="150%"`
2. Is `auto.pdf=TRUE` necessary? How about `out.width="100%"`?
3. What's the best way to insert an imperative title in interactive maps, charts, scrolling PDFs? (Example: Scroll the Map).

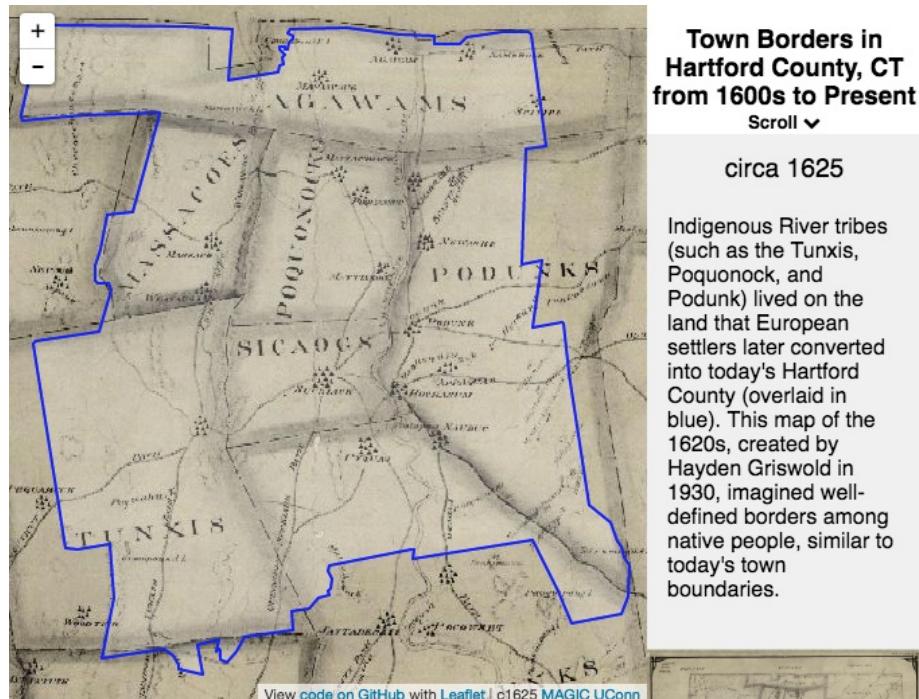


Figure 1.1: Scroll down the narrative (or click and use arrow keys) in this interactive map to see how Hartford County, Connecticut was divided into 29 separate towns from the early 1600s to the late 1800s. Boundaries shown here are not exact, but approximated from the best available digital sources: UConn Libraries MAGIC historical maps, Atlas of Historical County Boundaries at Newberry Library, and the Connecticut State Register and Manual. View map historical sources, known issues, and the code, developed by Ilya Ilyankou and Jack Dougherty.<sup>2</sup>

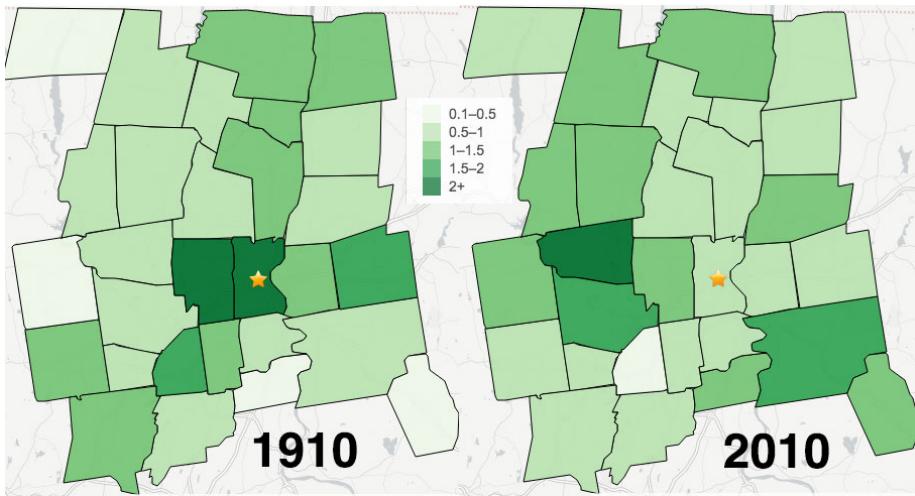


Figure 1.2: Here's a sample caption for a second type of interactive map

- Cannot insert a title in R chunk to appear immediately above the map, which I tried
  - Consider adding HTML title directly above digital element in GitHub repo, but separate from bookdown
  - Consider adding bold title at beginning of caption: **Image 3.3 Scroll the Map.**
4. To do later: modify style.css p.caption for PDF to make underscored links visible in captions, to allow easy click to HTML version

#### TESTING VIDEO IN BOOKDOWN:

References:

- R Markdown book section on figures <https://bookdown.org/yihui/rmarkdown/html-document.html#figure-options>
- R Markdown reference <https://www.rstudio.com/wp-content/uploads/2015/03/rmarkdown-reference.pdf>
- On R code chunks in RMarkdown <https://bookdown.org/yihui/rmarkdown/r-code.html>
- On R code options in knitr package <https://yihui.name/knitr/options>
- Tips and tricks <http://zevross.com/blog/2017/06/19/tips-and-tricks-for-working-with-images-and-figures-in-r/#arguments-out.width-and-out.height-apply-to-both-existing-images-and-r-generated-figures>



Figure 1.3: Here's a sample Vimeo caption, with option to add Markdown link and footnote.



Figure 1.4: Here's a sample YouTube caption, with option to add Markdown link and footnote.



Figure 1.5: Here's a sample CTDA video caption, with option to add Markdown link and footnote.



Figure 1.6: Here's a sample Kaltura video caption, with option to add Markdown link and footnote.

# Sample PDF

Created for testing [PDFObject](#)

This PDF is three pages long. Three long pages. Or three short pages if you're optimistic. Is it the same as saying "three long minutes", knowing that all minutes are the same duration, and one cannot possibly be longer than the other? If these pages are all the same size, can one possibly be longer than the other?

I digress. Here's some Latin. *Lorem ipsum dolor sit amet, consectetur adipiscing elit. Integer nec odio. Praesent libero. Sed cursus ante dapibus diam. Sed nisi. Nulla quis sem at nibh elementum imperdiet. Duis enim tincidunt. Praesent mauris. Fusce nec tellus sed augue semper porta. Mauris*

Figure 1.7: Here's a sample local scrollable PDF caption, with option to add Markdown link and footnote.

# Chapter 2

## Chapter 2

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<sup>1</sup>Philip Tegeler, ed., *Finding Common Ground: Coordinating Housing and Education Policy to Promote Integration* (Washington, DC: Poverty & Race Research Action Council, 2011), <http://www.prrac.org/pdf/HousingEducationReport-October2011.pdf>.

<sup>2</sup>Robert Harvey Whitten, *West Hartford Zoning: Report to the Zoning Commission on the Zoning of West Hartford* (West Hartford, Conn: Zoning Commission, 1924), [http://magic.lib.uconn.edu/magic\\_2/raster/37840/hdimg\\_37840\\_155\\_1924\\_unkn CSL\\_1\\_p.pdf](http://magic.lib.uconn.edu/magic_2/raster/37840/hdimg_37840_155_1924_unkn CSL_1_p.pdf).

<sup>3</sup>Lis Pennington, Emily Steele, and Jack Dougherty, “A Political History of School Finance Reform in Metropolitan Hartford, Connecticut, 1945-2005” (American Educational Research Association conference paper, April 2007), [http://digitalrepository.trincoll.edu/cssp\\_papers/29/](http://digitalrepository.trincoll.edu/cssp_papers/29/).

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<sup>4</sup>Jack Dougherty, “Review of ‘Connecticut’s Public Schools: A History, 1650-2000’ by Christopher Collier,” *Connecticut History* 50, no. 1 (2011): 120–22, [http://digitalrepository.trincoll.edu/cssp\\_papers/41](http://digitalrepository.trincoll.edu/cssp_papers/41).

<sup>5</sup>Jack Dougherty, “Conflicting Questions: Why Historians and Policymakers Miscommunicate on Urban Education,” in *Clio at the Table: Using History to Inform and Improve Education Policy*, ed. Kenneth Wong and Robert Rothman (New York: Peter Lang, 2009), 251–62, [http://digitalrepository.trincoll.edu/cssp\\_papers/4/](http://digitalrepository.trincoll.edu/cssp_papers/4/).

<sup>6</sup>Jack Dougherty, Jesse Wanzer, and Christina Ramsay, “Sheff V. O’Neill: Weak Desegregation Remedies and Strong Disincentives in Connecticut, 1996-2008,” in *From the Courtroom to the Classroom: The Shifting Landscape of School Desegregation*, ed. Claire Smrekar and Ellen Goldring (Cambridge, MA: Harvard Education Press, 2009), 103–27, [http://digitalrepository.trincoll.edu/cssp\\_papers/3/](http://digitalrepository.trincoll.edu/cssp_papers/3/).

<sup>7</sup>Jack Dougherty, “Bridging the Gap Between Urban, Suburban, and Educational History,” in *Rethinking the History of American Education*, ed. William Reese and John Rury (New York: Palgrave MacMillan Press, 2007), 245–59, [http://digitalrepository.trincoll.edu/cssp\\_papers/5/](http://digitalrepository.trincoll.edu/cssp_papers/5/).

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## Subchapter 2.1 for note testing

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<sup>8</sup>Jack Dougherty et al., “School Choice in Suburbia: Test Scores, Race, and Housing Markets,” *American Journal of Education* 115, no. 4 (August 2009): 523–48, [http://digitalrepository.trincoll.edu/cssp\\_papers/1](http://digitalrepository.trincoll.edu/cssp_papers/1).

<sup>9</sup>Amy Stuart Wells et al., “Boundary Crossing for Diversity, Equity, and Achievement: Interdistrict School Desegregation and Educational Opportunity” (Cambridge MA: Charles Hamilton Houston Institute for Race and Justice, November 2009), [http://charleshouston.org/assets/documents/publications/Wells\\_BoundaryCrossing.pdf](http://charleshouston.org/assets/documents/publications/Wells_BoundaryCrossing.pdf).

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<sup>11</sup>Pennington, Steele, and Dougherty, “A Political History of School Finance Reform in Metropolitan Hartford, Connecticut, 1945–2005.”

<sup>12</sup>Dougherty, “Review of ‘Connecticut’s Public Schools.’”

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<sup>13</sup>Tegeler, *Finding Common Ground*.

<sup>14</sup>Whitten, *West Hartford Zoning*.

# **Chapter 3**

## **Chapter 3**

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<sup>1</sup>Tegeler, *Finding Common Ground*.

<sup>2</sup>Whitten, *West Hartford Zoning*.



## Chapter 4

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