

Ying's Manuscript

Introduction

When you click the **Render** button a document will be generated that includes both content and the output of embedded code. You can embed code like this. The `echo: false` option disables the printing of code (only output is displayed).

Here is a footnote reference,¹ and another.² You can also reference inline!³

The whole paragraph can be indented, or just the first line. In this way, multi-paragraph footnotes work like multi-paragraph list items.

Here is a sentence with citation using bibliography.¹

The sentence has multiple references.²⁻⁴

Black-Scholes (Equation 1) is a mathematical model that seeks to explain the behavior of financial derivatives, most commonly options:

$$\frac{\partial C}{\partial t} + \frac{1}{2}\sigma^2 S^2 \frac{\partial^2 C}{\partial C^2} + rS \frac{\partial C}{\partial S} = rC \quad (1)$$


¹Here is the footnote.

²Here's one with multiple blocks. Subsequent paragraphs are indented to show that they belong to the previous footnote.

```
{ some.code }
```

³Hello. I am an inline footnote.

14 Other materials

15 The birch canoe slid on the smooth planks. Glue the sheet to the dark blue background. It's
16 easy to tell the depth of a well. These days a chicken leg is a rare dish. Rice is often served in
17 round bowls. The juice of lemons makes fine punch. The box was thrown beside the parked
18 truck. The hogs were fed chopped corn and garbage. Four hours of steady work faced us.
19 Large size in stockings is hard to sell. Check out Section for additional content. The boy was
20 there when the sun rose.  A rod is used to catch pink salmon. The source of the huge river
21 is the clear spring. Kick the ball straight and follow through. Help the woman get back to
22 her feet. A pot of tea helps to pass the evening. Smoky fires lack flame and heat. The soft
23 cushion broke the man's fall. The salt breeze came across from the sea. The girl at the booth
24 sold fifty bonds. The small pup gnawed a hole in the sock. The fish twisted and turned on
25 the bent hook. Press the pants and sew a button on the vest. The swan dive was far short of
26 perfect.

27 The beauty of the view stunned the young boy. Two blue fish swam in the tank. Her purse was
28 full of useless trash. The colt reared and threw the tall rider. It snowed, rained, and hailed the
29 same morning. Read verse out loud for pleasure. Hoist the load to your left shoulder. Take
30 the winding path to reach the lake. Note closely the size of the gas tank. Wipe the grease off
31 his dirty face. See Figure 2 to see the stamp I'm talking about.

32 Mend the coat before you go out. The wrist was badly strained and hung limp. The stray
33 cat gave birth to kittens. The young girl gave no clear response. The meal was cooked before
34 the bell rang. What joy there is in living. A king ruled the state in the early days. The ship
35 was torn apart on the sharp reef. Sickness kept him home the third week. The wide road
36 shimmered in the hot sun. The lazy cow lay in the cool grass. Lift the square stone over the
37 fence. The rope will bind the seven books at once. Hop over the fence and plunge in. The
38 friendly gang left the drug store. Mesh mire keeps chicks inside. The frosty air passed through
39 the coat. The crooked maze failed to fool the mouse. Adding fast leads to wrong sums. The
40 show was a flop from the very start. A saw is a tool used for making boards. The wagon
41 moved on well oiled wheels. March the soldiers past the next hill. A cup of sugar makes sweet
42 fudge. Place a rosebush near the porch steps. Both lost their lives in the raging storm. We
43 talked of the slide show in the circus. Use a pencil to write the first draft. He ran half way
44 to the hardware store. The clock struck to mark the third period. A small creek cut across
45 the field. Cars and busses stalled in snow drifts. The set of china hit, the floor with a crash.
46 This is a grand season for hikes on the road. The dune rose from the edge of the water. Those
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48 met while playing on the sand. The ink stain dried on the finished page. The walled town was
49 seized without a fight. The lease ran out in sixteen weeks. A tame squirrel makes a nice pet.
50 The horn of the car woke the sleeping cop. The heart beat strongly and with firm strokes. The
51 pearl was worn in a thin silver ring. The fruit peel was cut in thick slices. The Navy attacked
52 the big task force. See the cat glaring at the scared mouse. There are more than two factors
53 here. The hat brim was wide and too droopy. The lawyer tried to lose his case. The grass

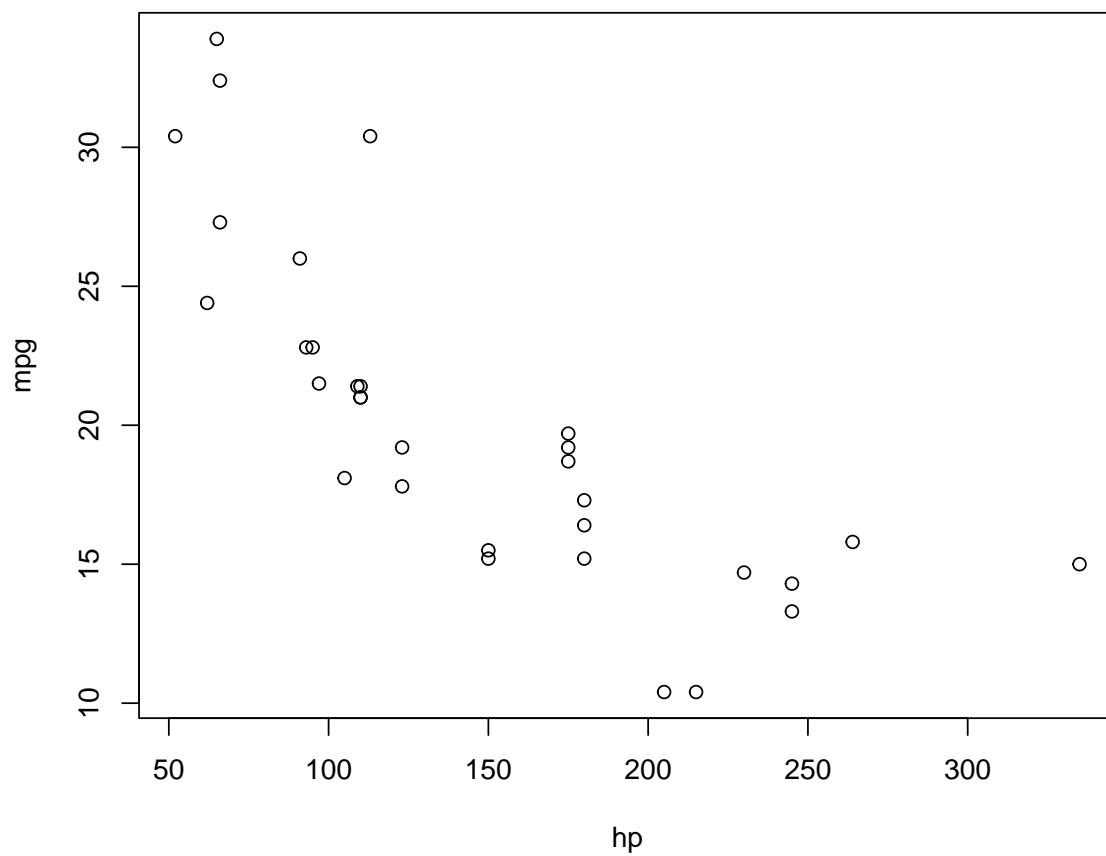


Figure 1: Important scatterplot



Figure 2: stamp A

54 curled around the fence post. Now look at Figure 3, and notice how Figure 3a and Figure 3b
55 differ.



(a) stamp B



(b) stamp A again

Figure 3: Combined stamps. Show again are several stamps. Figure 3a shows in blue, and Figure 3b in red.

56 The birch canoe slid on the smooth planks. Glue the sheet to the dark blue background. It's
57 easy to tell the depth of a well. These days a chicken leg is a rare dish. Rice is often served in
58 round bowls. The juice of lemons makes fine punch. The box was thrown beside the parked
59 truck. The hogs were fed chopped corn and garbage. Four hours of steady work faced us.
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68 Adding fast leads to wrong sums. The boy was there when the sun rose. A rod is used to
69 catch pink salmon. The source of the huge river is the clear spring. Kick the ball straight and
70 follow through. Help the woman get back to her feet. A pot of tea helps to pass the evening.
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72 across from the sea. The girl at the booth sold fifty bonds. The small pup gnawed a hole in
73 the sock. The fish twisted and turned on the bent hook. Press the pants and sew a button on
74 the vest. The swan dive was far short of perfect. The beauty of the view stunned the young
75 boy. Two blue fish swam in the tank. Her purse was full of useless trash. The colt reared and
76 threw the tall rider. It snowed, rained, and hailed the same morning. Read verse out loud for
77 pleasure. Hoist the load to your left shoulder. See Figure 4.

78 Take the winding path to reach the lake. Note closely the size of the gas tank. Wipe the grease

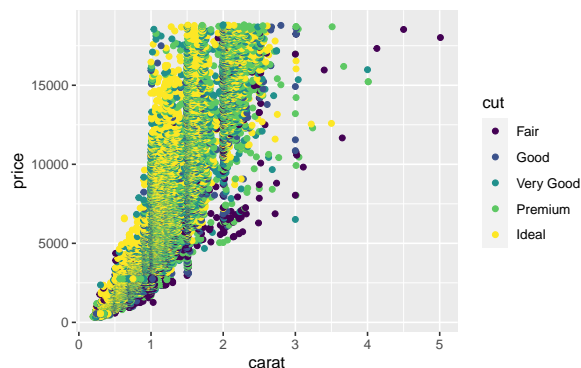


Figure 4: Plot of Diamonds

79 off his dirty face. Mend the coat before you go out. The wrist was badly strained and hung
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86 air passed through the coat. The crooked maze failed to fool the mouse. Adding fast leads to
87 wrong sums. The show was a flop from the very start. A saw is a tool used for making boards.
88 The wagon moved on well oiled wheels. March the soldiers past the next hill. See Table 1.

	mpg	cyl	disp	hp	drat	wt	qsec	vs	am
Mazda RX4	21.0	6	160.0	110	3.90	2.620	16.46	0	1
Mazda RX4 Wag	21.0	6	160.0	110	3.90	2.875	17.02	0	1
Datsun 710	22.8	4	108.0	93	3.85	2.320	18.61	1	1
Hornet 4 Drive	21.4	6	258.0	110	3.08	3.215	19.44	1	0
Hornet Sportabout	18.7	8	360.0	175	3.15	3.440	17.02	0	0
Valiant	18.1	6	225.0	105	2.76	3.460	20.22	1	0
Duster 360	14.3	8	360.0	245	3.21	3.570	15.84	0	0
Merc 240D	24.4	4	146.7	62	3.69	3.190	20.00	1	0
Merc 230	22.8	4	140.8	95	3.92	3.150	22.90	1	0
Merc 280	19.2	6	167.6	123	3.92	3.440	18.30	1	0

Table 1: Table of Mtcars

89 A cup of sugar makes sweet fudge. Place a rosebush near the porch steps. Both lost their lives
90 in the raging storm. We talked of the slide show in the circus. Use a pencil to write the first
91 draft. He ran half way to the hardware store. The clock struck to mark the third period. A

92 small creek cut across the field. Cars and busses stalled in snow drifts. The set of china hit,
93 the floor with a crash. This is a grand season for hikes on the road. The dune rose from the
94 edge of the water. Those words were the cue for the actor to leave. A yacht slid around the
95 point into the bay. The two met while playing on the sand. The ink stain dried on the finished
96 page. The walled town was seized without a fight. The lease ran out in sixteen weeks. A tame
97 squirrel makes a nice pet. The horn of the car woke the sleeping cop. The heart beat strongly
98 and with firm strokes. The pearl was worn in a thin silver ring. The fruit peel was cut in thick
99 slices. The Navy attacked the big task force. See the cat glaring at the scared mouse. There
100 are more than two factors here. The hat brim was wide and too droopy. The lawyer tried to
101 lose his case. The grass curled around the fence post. Anyway here is Figure 5



Figure 5: stamp AA again

102 A cup of sugar makes sweet fudge. Place a rosebush near the porch steps. Both lost their
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127 grass curled around the fence post. You can see a wrapped text thing at Figure 6.

128 A cup of sugar makes sweet fudge. Place a rosebush
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Figure 6: caption here. A cup of
sugar makes sweet fudge.
Place a rosebush near the
porch steps.

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Figure 7: caption here. A cup of
sugar makes sweet fudge.
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 175 grass curled around the fence post. See Table 8.

176

177 ::: .cell ::: .cell-output

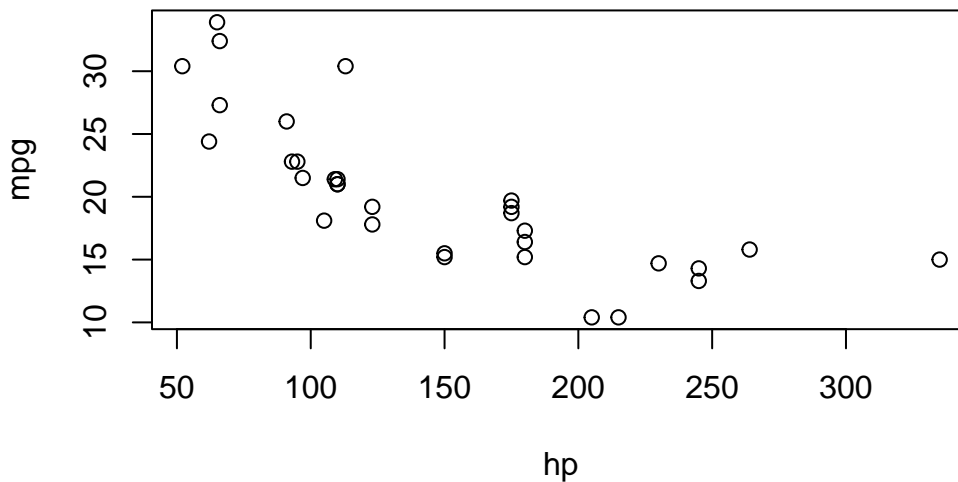
178 .cell-output-stdout ““

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181	2	4.90	3.00
182	3	4.70	3.20 ““
183	4	4.60	3.10
184	5	5.00	3.60
185	6	5.40	3.90

186 ::: :::

187 Figure 8: caption here. A cup of
 188 sugar makes sweet fudge.
 189 Place a rosebush near the
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209

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236 left column

237 right column

238 References

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244
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247 Acknowledgements: asdf