Talk like a Pirate!

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# About example 3

This example expands on the previous example. Here you will learn:

* Call .qmd from .r script
* Play around with the YAML
* Apply table and figure cross referencing
* Apply citation cross referencing
* Use citation style library (CSL) and bibtex file (contains citations)

Good examples of GitHub repositories starting to use these workflows include: - This script is heavily based on the simpler and fabulous [example by Margaret Siple](https://github.com/MargaretSiple-NOAA/parameterized-indexing-example) - [Bering sea bottom trawl survey data reports](https://github.com/afsc-gap-products/gap_bs_data_report); which was used to produce ([Markowitz, Dawson, Charriere, Prohaska, Rohan, Stevenson, et al., 2022b](#ref-2021NEBS2022), [2022a](#ref-2019NEBS2022), [In review](#ref-2022NEBS2022); [Markowitz, Dawson, Charriere, Prohaska, Rohan, Haehn, et al., 2022](#ref-2018EBS2022))

## MadLib Responses

## **1:** *By: Testing: 1, 2, 3!*

Ye can always pretend to be a bloodthirsty **noun1**, threatening everyone by waving yer **adjective1** sword in the air, but until ye learn to **verb1** like a pirate, ye’ll never be accepted as an authentic **noun2**. So here’s what ye do: Cleverly work into yer daily conversations **adjective2** pirate phrases such as “Ahoy there, **plural\_noun1**,” “Avast, ye **plural\_noun2**,” and “Shiver me **plural\_noun3**.” Remember to drop all yer *g*s when ye say such words as *sailin’*, *spittin’*, and *fightin’*. This will give ye **a part\_of\_the\_body1** start to bein’ recognized as a swashbucklin’ **noun3**. Once ye have the lingo down pat, it helps to wear a three-cornered **noun4** on yer head, stash **a noun5** in yer pants, and keep **a noun6** perched atop yer **part\_of\_the\_body2**. Aye, now yer be a real pirate!

## **2:** *By: Em*

Ye can always pretend to be a bloodthirsty **nurse**, threatening everyone by waving yer **cute** sword in the air, but until ye learn to **dance** like a pirate, ye’ll never be accepted as an authentic **belly dancer**. So here’s what ye do: Cleverly work into yer daily conversations **questionable** pirate phrases such as “Ahoy there, **teddy bears**,” “Avast, ye **scrunchies**,” and “Shiver me **camp fires**.” Remember to drop all yer *g*s when ye say such words as *sailin’*, *spittin’*, and *fightin’*. This will give ye **an elbow** start to bein’ recognized as a swashbucklin’ **pinky toe**. Once ye have the lingo down pat, it helps to wear a three-cornered **post card** on yer head, stash **a favorite pencil** in yer pants, and keep **a daffodil** perched atop yer **nostril**. Aye, now yer be a real pirate!

## Methods

The original MadLib prompt was reformatted into a .qmd ([Figure 1](#fig-madlib)).

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| Figure 1: The original MadLib prompt. |

## Results: What kinds of responces did users submit?

Collectively, the google form had 2 responses (**?@tbl-madlib-resp**).

| Timestamp | Author | noun1 | adjective1 | verb1 | adverb1 | noun2 | adjective2 | plural\_noun1 | plural\_noun2 | plural\_noun3 | part\_of\_the\_body1 | noun3 | noun4 | noun5 | noun6 | part\_of\_the\_body2 |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 3/25/2023 23:49:29 | Testing: 1, 2, 3! | noun1 | adjective1 | verb1 | adverb1 | noun2 | adjective2 | plural\_noun1 | plural\_noun2 | plural\_noun3 | part\_of\_the\_body1 | noun3 | noun4 | noun5 | noun6 | part\_of\_the\_body2 |
| 3/26/2023 11:54:38 | Em | nurse | cute | dance |  | belly dancer | questionable | teddy bears | scrunchies | camp fires | elbow | pinky toe | post card | favorite pencil | daffodil | nostril |

In the below word cloud, we see if there were any common responses across enteries ([Figure 2](#fig-madlib-wordcloud)).

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| Figure 2: Wordcloud of MadLib google form responces. |

Black-Scholes ([Equation 1](#eq-black-scholes)) is a mathematical model that seeks to explain the behavior of financial derivatives:

# Works Cited

Markowitz, E. H., Dawson, E. J., Charriere, N. E., Prohaska, B. K., Rohan, S. K., Haehn, R. A., Stevenson, D. E., and Britt, L. L. (2022). *Results of the 2018 eastern Bering Sea continental shelf bottom trawl survey of groundfish and invertebrate fauna* (NOAA Tech. Memo. NMFS-F/SPO-450; p. 183). U.S. Dep. Commer. <https://doi.org/10.25923/m4pw-t510>

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