

See chapter 12 in Regression and Other Stories.

.....

Widen the notebook.

```
• html"""
• <style>
•     main {
•         margin: 0 auto;
•         max-width: 2000px;
•         padding-left: max(160px, 10%);
•         padding-right: max(160px, 10%);
•     }
• </style>
• """
```

```
• using Pkg ✓ , DrWatson ✓
```

A typical set of Julia packages to
include in notebooks.

```
• begin
•     # Specific to this notebook
•     using GLM ✓
•
•     # Specific to ROSTuringPluto
•     using Optim ✓
•     using Logging ✓
•     using Turing ✓
•
•     # Graphics related
•     using GLMakie ✓
•
•     # Common data files and functions
•     using RegressionAndOtherStories ✓
•     import RegressionAndOtherStories: link
•
•     Logging.disable_logging(Logging.Warn)
• end;
```

12.1

`hdi =`

	rank	state	hdi	canada
1	1	"Connecticut"	0.962	2
2	2	"Massachusetts"	0.961	2
3	3	"New Jersey"	0.961	2
4	4	"Washington, D.C."	0.96	4
5	5	"Maryland"	0.96	3
6	6	"Hawaii"	0.959	2
7	7	"New York"	0.959	1
8	8	"New Hampshire"	0.958	1
9	9	"Minnesota"	0.958	1
10	10	"Rhode Island"	0.958	3
	: more			
51	51	"Mississippi"	0.799	5

```
• hdi = CSV.read(ros_datadir("HDI",  
"hdi.csv"), DataFrame)
```