Example – Global Trends in Obesity

In this example we use the *runcode* package in the 'batch-mode' with R for data analysis. The document class for this demo is caesar_book, and the *marginnote* package is used for a Tufte-style page layout. The data for this example has been downloaded from the web-site 'Our World in Data' on Sept. 25, 2020. The dataset contains the share of obese people in each country from 1975 to 2016. Obesity is defined as having a body-mass index equal to or greater than 30.

In the United states, the share of obese people rose from 11.9 percent in 1975, to 36.2 in 2016. In all countries the share of obese people has increased between 1975 and 2016, but 24 saw more than a ten-fold increase (many of which in South-East Asia, where the share of obese people grew from 0.4% of the population to 4.7%).

	1975	2016
Bangladesh	0.20	3.60
Bhutan	0.40	6.40
Indonesia	0.40	6.90
Laos	0.30	5.30
Maldives	0.50	8.60
Timor	0.20	3.80
Vietnam	0.10	2.10

Table 1: Countries in which the share of obese people increased more than 15-fold from 1975 to 2016

Figure 1 shows the change in share-obese from 1975 to 2016 vs. the rate in 1975. The United States is shown in red.
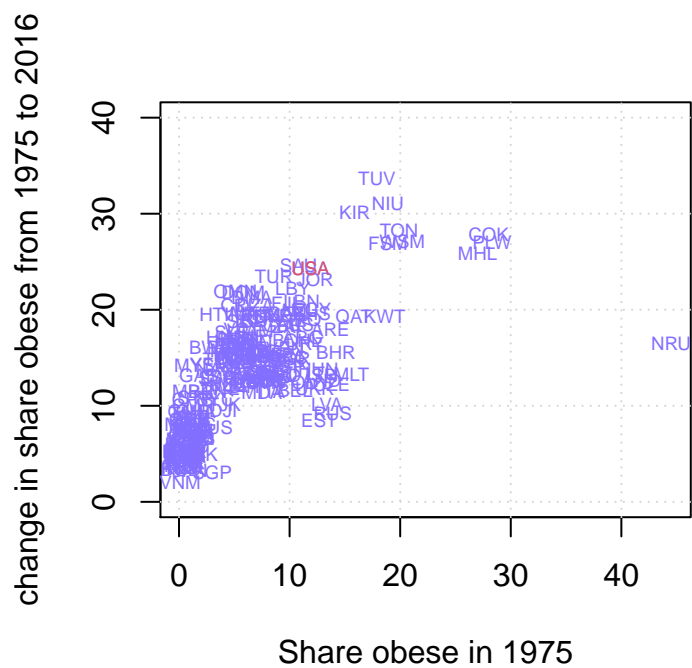
Figure 1: The change in share-obese from 1975 to 2016 vs. the rate in 1975