

# Scurvy data codebook

Peter Higgins

6/24/2021

## Scurvy Dataset Codebook

Source: This data set is from a study published in 1757, *A Treatise on the Scurvy*, by James Lind.

The dataset is derived directly from pages 149-153 of this tome, which includes the description of a small, randomized, comparator-controlled 6 day clinical trial of 6 scurvy remedies in 12 seamen with scurvy. The participant\_id variable, and the Likert scales for each outcome measured in this reconstructed dataset, are a bit fanciful (as Likert was not even born in 1757), but match Lind's descriptions. You can read the original study in a scanned volume on Google Books [here](#).

### Codebook

variable	position	Variable_Label	units	Codes	type
study_id	1	Participant ID			character
treatment	2	Treatment		cider, di-lute_sulfuric_acid, vinegar, sea_water, citrus, purgative_mixture	factor
dosing_regimen_for_scurvy	3	Dosing Regimen		1 quart per day, 25 drops of elixir of vitriol, three times a day, a nutmeg-sized paste of garlic, mustard seed, horseradish, balsam of Peru, and gum myrrh three times a day, half pint daily, two lemons and an orange daily, two spoonfuls, three times daily	factor
gum_rot_d6	4	Gum Rot on Day 6	Likert Scale	0_none, 1_mild, 2_moderate, 3_severe	factor
skin_sores_d6	5	Skin Sores on Day 6	Likert Scale	0_none, 1_mild, 2_moderate, 3_severe	factor

variable	position	Variable_Label	units	Codes	type
weakness_of_the_knees_d6	6	Weakness of the Knees on Day 6	Likert Scale	0_none, 1_mild, 2_moderate, 3_severe	factor
lassitude_d6	7	Lassitude on Day 6	Likert Scale	0_none, 1_mild, 2_moderate, 3_severe	factor
fit_for_duty_d6	8	Fit for Duty on Day 6	dichotomous	0_no, 1_yes	factor