Sway Project

This dataset concerns patients who have a balance disorder which surgeons attempt to correct using aural surgery.

The ability of a patient to stand still is assessed by strapping magnets to them and asking them to stand still for a period of a few minutes. The patients sway to some extent and the length of the path their sway describes is measured by magnetometric detectors. The sway length is recorded in `sway`.

The measurement is made on eight occasions on each patient. The patient is asked to stand on a piece of foam, or on a stable surface, and the patient is asked to stand with their eyes open looking at a fixed point, or with their eyes closed. The measurement in each of these four combinations is made both before and after the operation has been performed. In the workspace the variables are `Op` (0 = before, 1 = after), `foam` (0 = off, 1= on) and `eyes` (0 = open, 1 = closed). The variable `Patient` indicates to which patient the measurements apply.