

**Exer 3.7**

[S2008/S2008-var5]

To exercise your ability to extract subsets of data, take each of the following subsets of the swimming records (`swim100m.csv`) and calculate the mean and minimum swimming time for the subset. (Answers have been rounded to one decimal place.)

- All records between 1920 and 1940 (including 1920 and 1940).

Mean: 54.6 60.2 64.7 69.6 71.3 Exer 3.7-1Min: 56.4 60.2 64.7 69.6 71.3 Exer 3.7-2

- Female records in the 1970s and 1980s

Mean: 54.1 54.7 56.2 60.2 64.7 69.6 71.3 Exer 3.7-3Min: 54.1 54.7 56.2 60.2 64.7 69.6 71.3 Exer 3.7-4

- All records that are slower than 60 seconds.

Mean: 56.2 60.2 64.7 69.6 71.3 73.2 75.8 Exer 3.7-5Min: 56.2 60.2 61.5 64.7 69.6 71.3 Exer 3.7-6