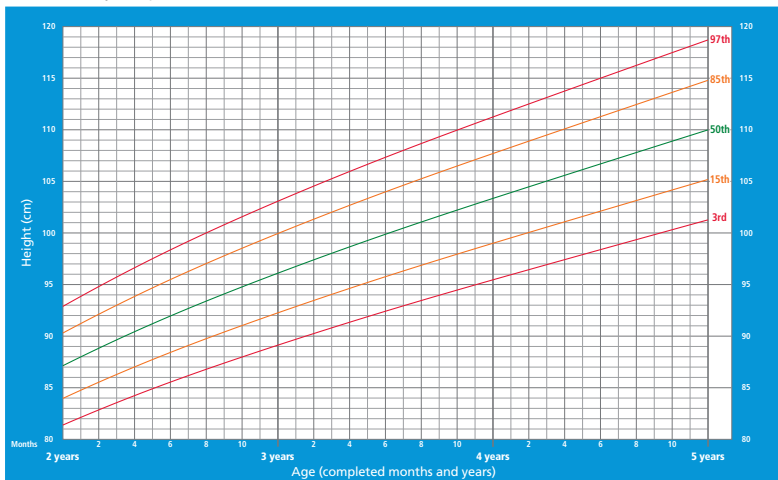


# Height-for-age BOYS

2 to 5 years (percentiles)



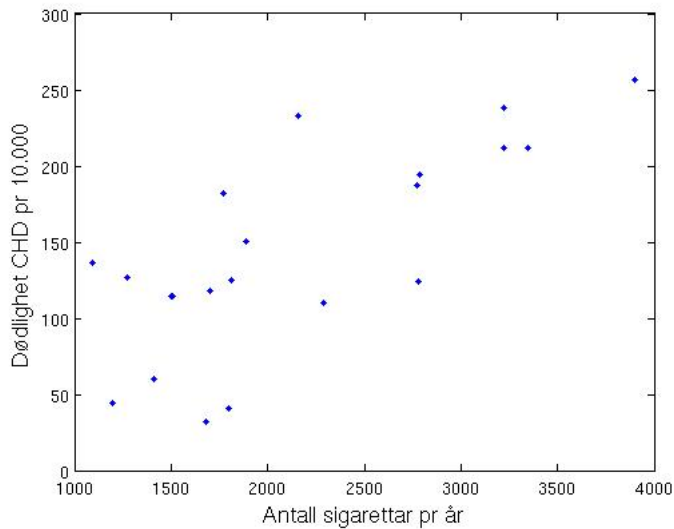
WHO Child Growth Standards

# Sigarett-hjertestans

on 10.2.16 By late 1971, all cigarette packs had to be labeled with the word "Warning: The Surgeon General Has Determined That Smoking Is Dangerous to Your Health." The case against smoking rested heavily on statistical rather than laboratory evidence. Extensive surveys of smokers and nonsmokers had revealed the former to have much higher risks of dying from a variety of causes, including heart disease. The table below shows (1) the annual cigarette consumption and (2) the mortality rate due to coronary heart disease (CHD) for 21 countries (109).

| Year | Country        | Cigarette Consumption per Adult per Year | CHD Mortality per 100,000 (Ages 35–64) |
|------|----------------|------------------------------------------|----------------------------------------|
| 1962 | United States  | 3900                                     | 256.9                                  |
| 1962 | Canada         | 3350                                     | 211.6                                  |
| 1962 | Australia      | 3220                                     | 238.1                                  |
| 1962 | New Zealand    | 3220                                     | 211.8                                  |
| 1963 | United Kingdom | 2790                                     | 194.1                                  |
| 1962 | Switzerland    | 2780                                     | 124.5                                  |
| 1962 | Ireland        | 2770                                     | 187.3                                  |
| 1962 | Iceland        | 2290                                     | 110.5                                  |
| 1962 | Finland        | 2160                                     | 233.1                                  |
| 1963 | West Germany   | 1890                                     | 150.3                                  |
| 1962 | Netherlands    | 1810                                     | 124.7                                  |
| 1962 | Greece         | 1800                                     | 41.2                                   |
| 1962 | Austria        | 1770                                     | 182.1                                  |
| 1962 | Belgium        | 1700                                     | 118.1                                  |
| 1962 | Mexico         | 1680                                     | 31.9                                   |
| 1963 | Italy          | 1510                                     | 114.3                                  |
| 1961 | Denmark        | 1500                                     | 144.9                                  |
| 1962 | France         | 1410                                     | 59.7                                   |
| 1962 | Sweden         | 1270                                     | 126.9                                  |
| 1961 | Spain          | 1200                                     | 43.9                                   |
| 1962 | Norway         | 1090                                     | 136.3                                  |

## Sigarett - hjertestans



# Høgde foreldre og barn, Galton

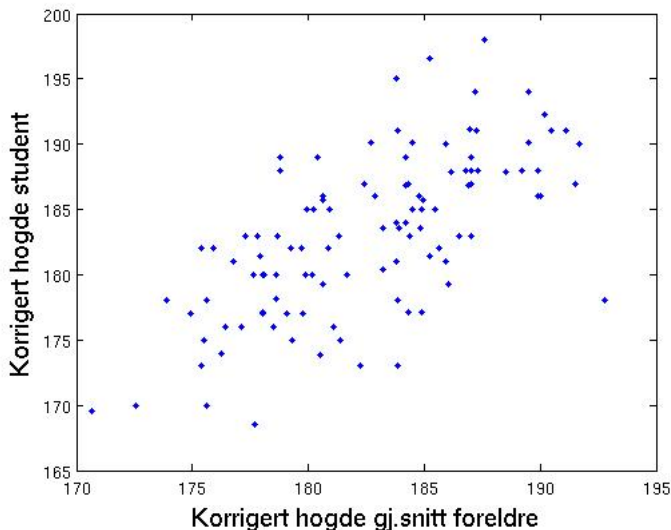
444

**TABLE 10.3.1** NUMBER OF ADULT CHILDREN OF VARIOUS STATURES BORN OF 205 MID-PARENTS OF VARIOUS STATURES  
(ALL FEMALE HEIGHTS HAVE BEEN MULTIPLIED BY 1.08)

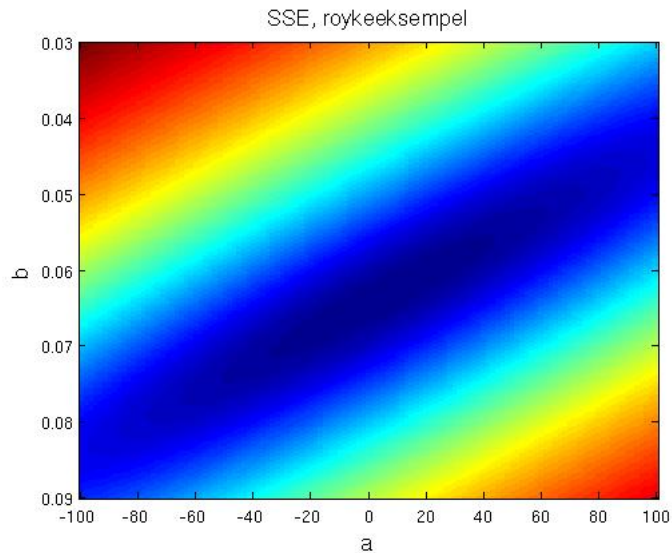
| Height of the Mid-Parents (inches) | Heights of the Adult Children |      |      |      |      |      |      |      |      |      |      |      |      |       | Total Number of: |             | Medians or Values of $M$ |
|------------------------------------|-------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------------------|-------------|--------------------------|
|                                    | Below                         | 62.2 | 63.2 | 64.2 | 65.2 | 66.2 | 67.2 | 68.2 | 69.2 | 70.2 | 71.2 | 72.2 | 73.2 | Above | Adult Children   | Mid-Parents |                          |
| Above 72.5                         | —                             | —    | —    | —    | —    | —    | —    | —    | —    | —    | —    | 1    | 3    | —     | 4                | 5           |                          |
| 72.5                               | —                             | —    | —    | —    | —    | —    | —    | 1    | 2    | 1    | 2    | 7    | 2    | 4     | 19               | 6           | 72.2                     |
| 71.5                               | —                             | —    | —    | —    | 1    | 3    | 4    | 3    | 5    | 10   | 4    | 9    | 2    | 2     | 43               | 11          | 69.9                     |
| 70.5                               | 1                             | —    | 1    | —    | 1    | 1    | 3    | 12   | 18   | 14   | 7    | 4    | 3    | 3     | 68               | 22          | 69.5                     |
| 69.5                               | —                             | —    | 1    | 16   | 4    | 17   | 27   | 20   | 33   | 25   | 20   | 11   | 4    | 5     | 183              | 41          | 68.9                     |
| 68.5                               | 1                             | —    | 7    | 11   | 16   | 25   | 31   | 34   | 48   | 21   | 18   | 4    | 3    | —     | 219              | 49          | 68.2                     |
| 67.5                               | —                             | 3    | 5    | 14   | 15   | 36   | 38   | 28   | 38   | 19   | 11   | 4    | —    | —     | 211              | 33          | 67.6                     |
| 66.5                               | —                             | 3    | 3    | 5    | 2    | 17   | 17   | 14   | 13   | 4    | —    | —    | —    | —     | 78               | 20          | 67.2                     |
| 65.5                               | 1                             | —    | 9    | 5    | 7    | 11   | 11   | 7    | 7    | 5    | 2    | 1    | —    | —     | 66               | 12          | 66.7                     |
| 64.5                               | 1                             | 1    | 4    | 4    | 1    | 5    | 5    | —    | 2    | —    | —    | —    | —    | —     | 23               | 5           | 65.8                     |
| Below 64.5                         | 1                             | —    | 2    | 4    | 1    | 2    | 2    | 1    | 1    | —    | —    | —    | —    | —     | 14               | 1           |                          |
| Totals                             | 5                             | 7    | 32   | 59   | 48   | 117  | 138  | 120  | 167  | 99   | 64   | 41   | 17   | 14    | 928              | 205         |                          |
| Medians                            | —                             | —    | 66.3 | 67.8 | 67.9 | 67.7 | 67.9 | 68.3 | 68.5 | 69.0 | 69.0 | 70.0 |      |       |                  |             |                          |

## Høgde foreldre-barn, våre data

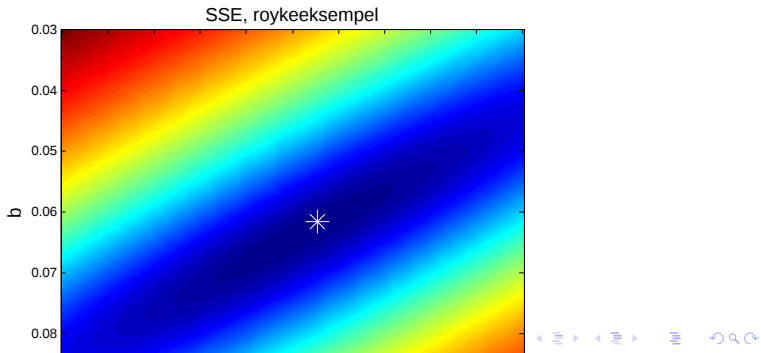
For alle kvinner:  $h_{korr} = 1.08 \cdot h$ .



## $SSE(a,b)$ , sigarett-hjertestans

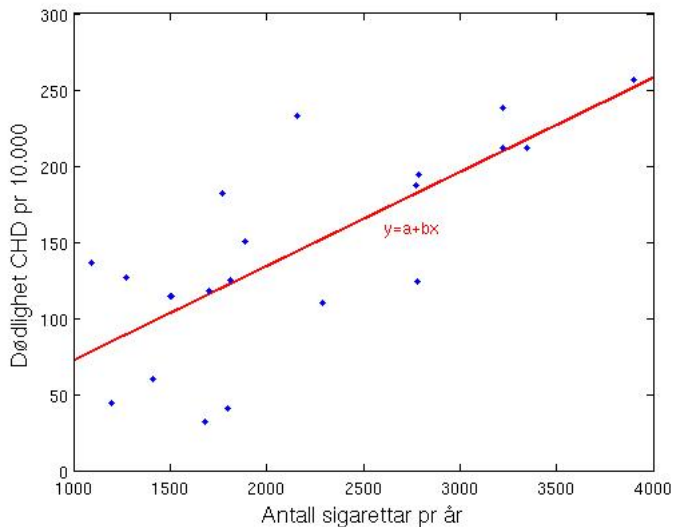


SSE(a,b), minimum (\*) sigarett-hjertestans



## Sigarett - hjertestans

Estimat:  $a = 11.41$  og  $b = 0.0616$



## Høgde foreldre-barn, våre data

Estimat:  $a = 27.2$  og  $b = 0.85$

