

Change in systolic blood pressure [Desch et al., 2010]

	x	σ
A	-5.10	0.65
B	1.00	3.72
C	-1.80	1.29
D	-6.20	0.61
E	-4.00	0.30
F	-11.00	1.01
G	-3.00	0.25
H	-4.60	0.83
I	-0.53	2.58
J	-1.00	2.91

- x change of systolic blood pressure
- σ standard deviation (derived from confidence intervals)

- Compute successively the mean change of the blood pressure using data A,B,...
- First, take as a prior distribution a normal density function with mean $\mu_0 = 0$ and $\sigma_0 = 10$
- Compare the result with that of non-informative prior density



Desch, S., Schmidt, J., Kobler, M, S., Eitel, M, S., Rahimi, K., Schuler, G., and Thiele, H. (2010).

Effect of cocoa products on blood pressure: systematic review and meta-analysis.

Am J Hypertens, 23:97 – 103.