

# Kursoppsumming

FRM2410, mai 2006

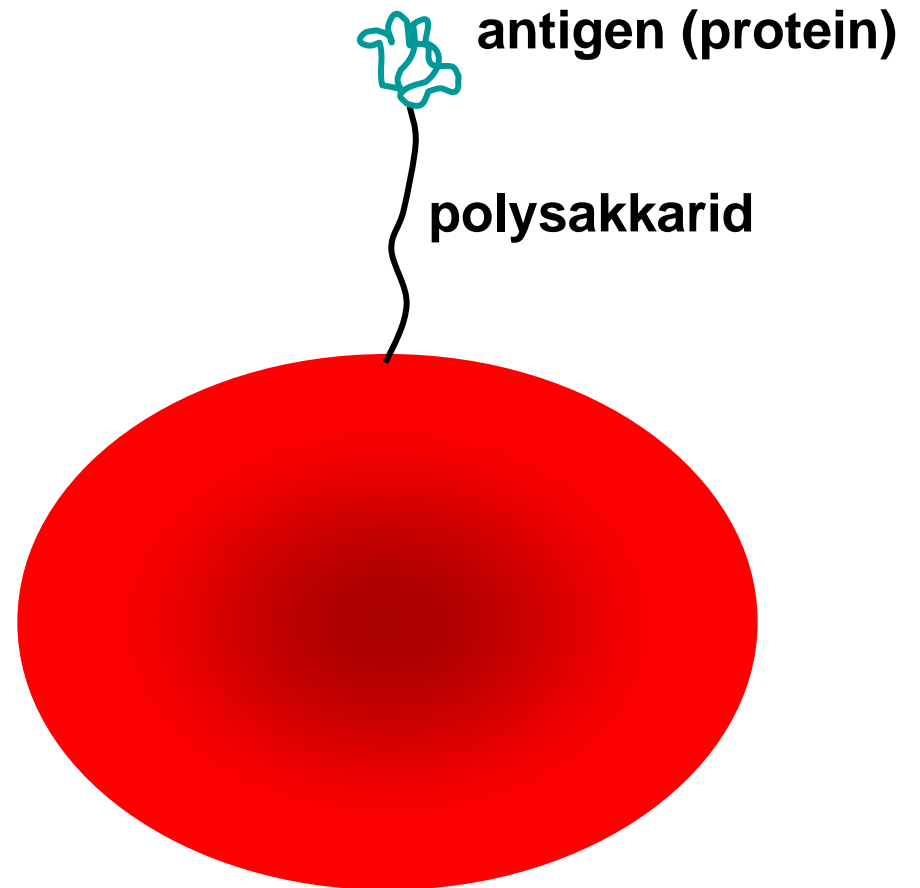
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# Blodtyper

- ABO
- Rh<sub>0</sub>
- + mange flere!

*Reaksjon til tross for ABO-forlikelighet er pga. andre antigener som Rh, Kell el.l.*

*Manglende reaksjon til tross for ABO-uforlikelighet kan være pga. uerfaren labrant!?!*

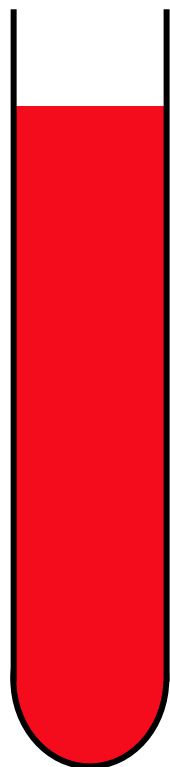


Donor	Resipient			
	<b>0</b>	<b>A</b>	<b>B</b>	<b>AB</b>
0	-	-	-	svak
0	-	-	svak	-
A	+	-	+	-
A	+	-	+	-
A	+	-	+	-
A	+	-	+	-
A	+	-	+	-
A	+	svak	-	-
A	+	-	+	-
B	+	svak	-	-
B	+	+	-	-
AB	+	svak	+	-

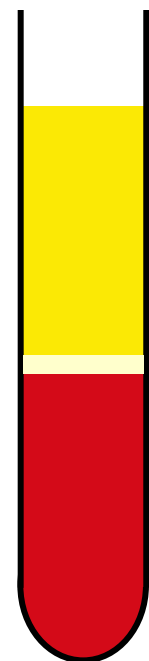
# AB0

<b>Blodtype</b>	<b>% US</b>	<b>% kullet</b>
<b>A</b>	<b>42</b>	<b>52.9</b>
<b>B</b>	<b>10</b>	<b>13.7</b>
<b>AB</b>	<b>3</b>	<b>9.8</b>
<b>0</b>	<b>45</b>	<b>23.5</b>

- 72.5% kvinner
- 27.5% menn

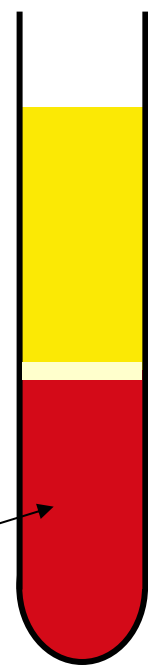


sentrifugering



plasma  
"buffy coat"  
blodceller

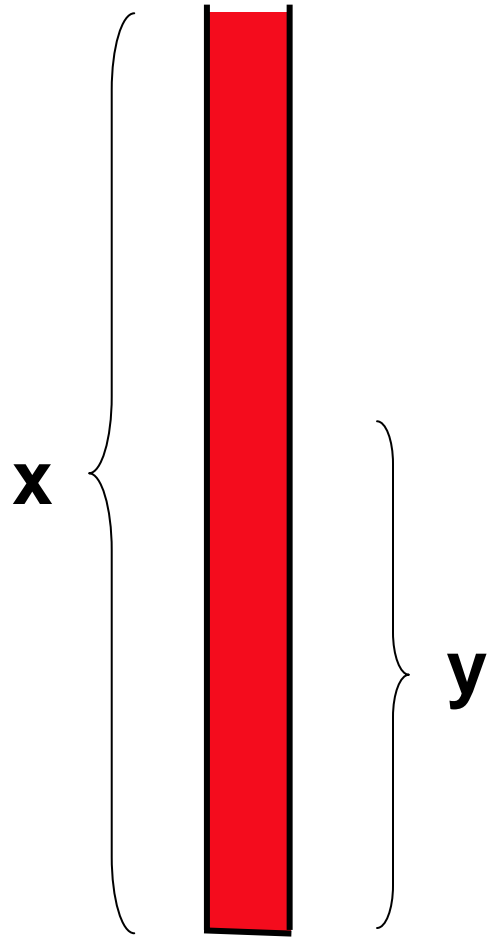
koagulering &  
sentrifugering



serum  
"buffy coat"  
blodceller

"Slimete koagel klump"

# hematokritt



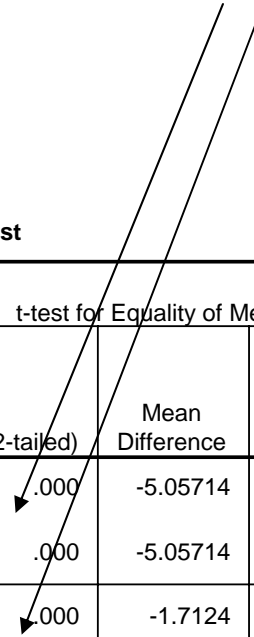
$$\text{hct} = \frac{y}{x} \quad [\%]$$

	Kullet	Kvinner	Menn
Hct (%)	46.2	44.8	49.9
Hgb (g/dL)	14.6	14.1	15.8
SR (mm/30 min)	2		

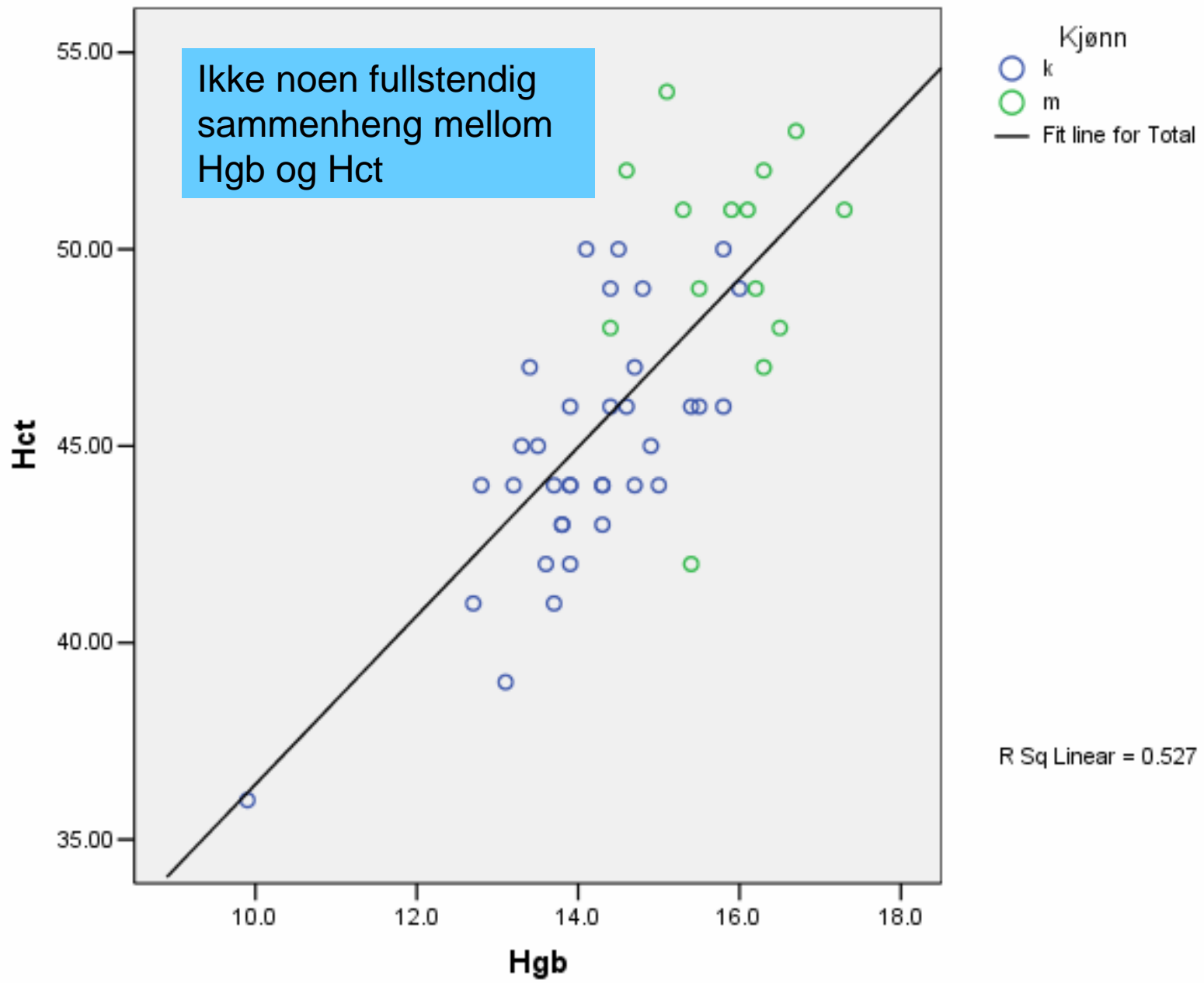
## Signifikant forskjell i Hbg og Hct mellom kvinner og menn på kullet

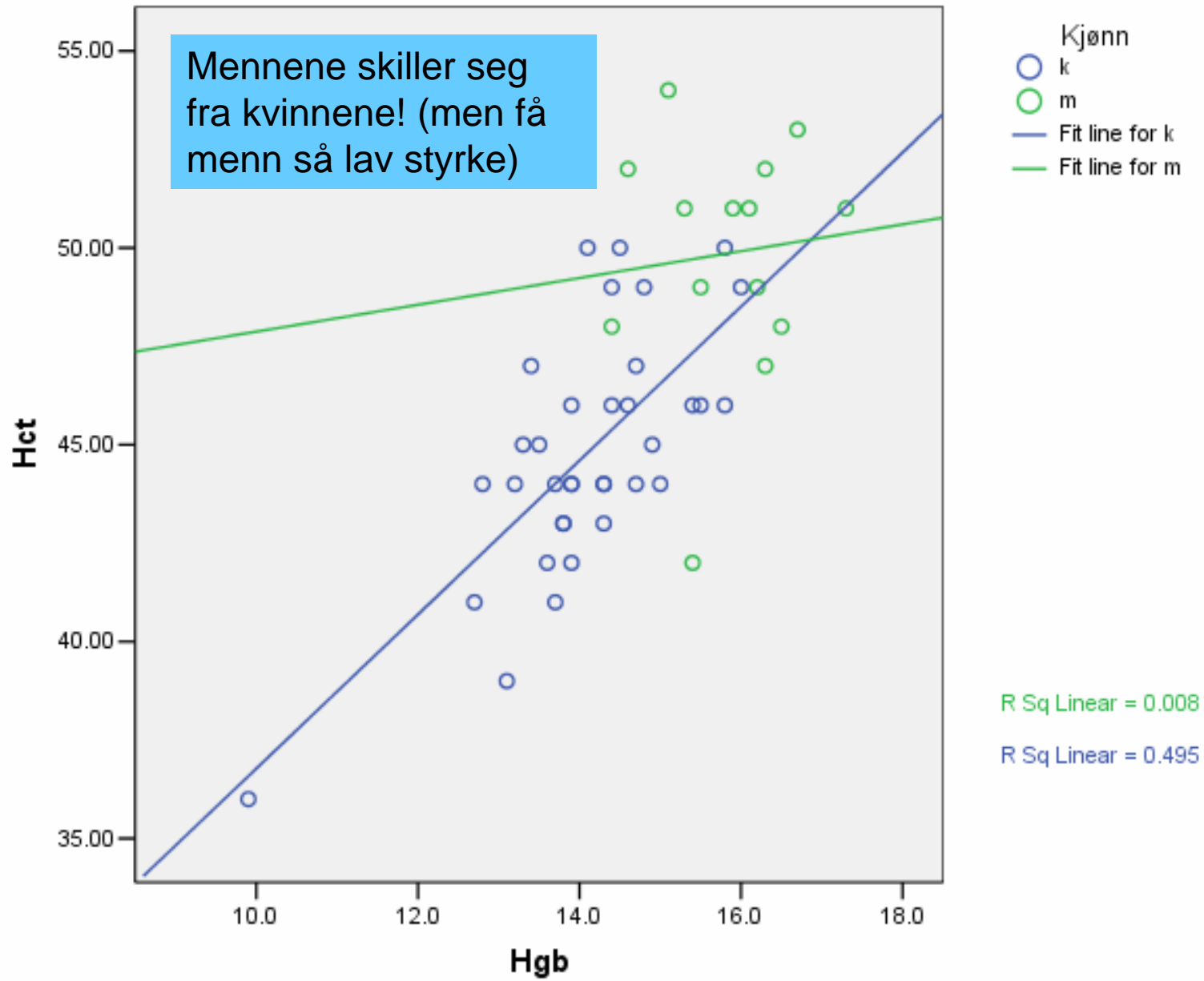
**Independent Samples Test**

		Levene's Test for Equality of Variances		t-test for Equality of Means						
		F	Sig.	t	df	Sig. (2-tailed)	Mean Difference	Std. Error Difference	95% Confidence Interval of the Difference	
									Lower	Upper
Hct	Equal variances assumed	.000	.997	-5.207	47	.000	-5.05714	.97120	-7.01094	-3.10335
	Equal variances not assumed			-5.245	24.378	.000	-5.05714	.96421	-7.04555	-3.06874
Hgb	Equal variances assumed	.348	.558	-5.251	49	.000	-1.7124	.3261	-2.3676	-1.0571
	Equal variances not assumed			-6.019	31.816	.000	-1.7124	.2845	-2.2920	-1.1327









## Blood Cell Maturation

K. Lofsness

[www.umn.edu/hema](http://www.umn.edu/hema)

