

Eksamens projekt

```
##
## t test of coefficients:
##
##           Estimate Std. Error  t value Pr(>|t|)
## (Intercept)    0.82823559  0.00249321  332.1963 < 2.2e-16 ***
## GnsIndkomstHT -0.03826013  0.00038418  -99.5896 < 2.2e-16 ***
## RetningBusiness -0.17505806  0.00167190 -104.7062 < 2.2e-16 ***
## RetningHum     -0.03771991  0.00185105  -20.3776 < 2.2e-16 ***
## RetningIng     -0.27901332  0.00267338 -104.3674 < 2.2e-16 ***
## RetningJur      0.10004552  0.00185509   53.9304 < 2.2e-16 ***
## RetningKom     -0.07972150  0.00254377  -31.3399 < 2.2e-16 ***
## RetningNatur   -0.05573149  0.00210747  -26.4447 < 2.2e-16 ***
## RetningSamf    -0.01712365  0.00184756   -9.2682 < 2.2e-16 ***
## RetningScience -0.28112497  0.00265460 -105.9010 < 2.2e-16 ***
## RetningSund     0.16655856  0.00189945   87.6879 < 2.2e-16 ***
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1

##
## t test of coefficients:
##
##           Estimate Std. Error  t value Pr(>|t|)
## (Intercept)    0.75486017  0.00269693  279.8958 < 2.2e-16 ***
## GnsIndkomstHT -0.03728166  0.00037945  -98.2507 < 2.2e-16 ***
## RetningBusiness -0.16935981  0.00178729 -94.7577 < 2.2e-16 ***
## RetningHum     -0.01552895  0.00189804   -8.1816 2.829e-16 ***
## RetningIng     -0.25037502  0.00272443 -91.9001 < 2.2e-16 ***
## RetningJur      0.07227855  0.00193251   37.4013 < 2.2e-16 ***
## RetningKom     -0.06038722  0.00254710 -23.7082 < 2.2e-16 ***
```

```

## RetningNatur      -0.03297363  0.00209081 -15.7707 < 2.2e-16 ***
## RetningSamf       -0.01818773  0.00186890  -9.7318 < 2.2e-16 ***
## RetningScience    -0.24902391  0.00273057 -91.1985 < 2.2e-16 ***
## RetningSund        0.13164204  0.00204390  64.4072 < 2.2e-16 ***
## Kvotient           0.01011163  0.00013301  76.0227 < 2.2e-16 ***
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1

##
## t test of coefficients:
##
##              Estimate Std. Error  t value Pr(>|t|)
## (Intercept)    7.5753e-01  2.6603e-03 284.7516 < 2.2e-16 ***
## GnsIndkomstHT  -3.6375e-02  3.7960e-04 -95.8249 < 2.2e-16 ***
## RetningBusiness -1.5633e-01  1.8219e-03 -85.8024 < 2.2e-16 ***
## RetningHum      -1.3227e-02  1.9135e-03  -6.9124 4.791e-12 ***
## RetningIng      -2.5584e-01  2.7364e-03 -93.4942 < 2.2e-16 ***
## RetningJur       1.0386e-01  1.9405e-03  53.5254 < 2.2e-16 ***
## RetningKom      -6.1950e-02  2.5466e-03 -24.3266 < 2.2e-16 ***
## RetningNatur    -3.4550e-02  2.0975e-03 -16.4716 < 2.2e-16 ***
## RetningSamf     -1.1287e-02  1.8554e-03  -6.0830 1.183e-09 ***
## RetningScience  -2.4945e-01  2.7403e-03 -91.0291 < 2.2e-16 ***
## RetningSund     1.4470e-01  1.9738e-03  73.3115 < 2.2e-16 ***
## Kvotient        1.0615e-02  1.3595e-04  78.0787 < 2.2e-16 ***
## TotalOpt       -8.1409e-05  2.0696e-06 -39.3356 < 2.2e-16 ***
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1

## Warning: non-integer #successes in a binomial glm!

## Warning: non-integer #successes in a binomial glm!

## Warning: non-integer #successes in a binomial glm!

```

```

## Warning: non-integer #successes in a binomial glm!

## Caveat: Standard Errors are Approximate
## They are based on an assumption that the
## z-score does not change under the marginal
## effects transformation.
##
## Caveat: Standard Errors are Approximate
## They are based on an assumption that the
## z-score does not change under the marginal
## effects transformation.
##
## Caveat: Standard Errors are Approximate
## They are based on an assumption that the
## z-score does not change under the marginal
## effects transformation.
##
## Caveat: Standard Errors are Approximate
## They are based on an assumption that the
## z-score does not change under the marginal
## effects transformation.
##
## Calls:
## (1): lm(formula = KvindeAndOpt ~ GnsIndkomstHT, data = data.3)
## (2): lm(formula = KvindeAndOpt ~ GnsIndkomstHT + Retning, data = data.3)
## (3): lm(formula = KvindeAndOpt ~ GnsIndkomstHT + Retning + Kvotient,
##      data = data.3)
## (4): lm(formula = KvindeAndOpt ~ GnsIndkomstHT + Retning + Kvotient +
##      TotalOpt, data = data.3)
## (1): glm(formula = KvindeAndOpt ~ GnsIndkomstHT, family = binomial(link = logit),
##      data = data.3, x = TRUE)

```

```
## (2): glm(formula = KvindeAndOpt ~ GnsIndkomstHT + Retning, family = binomial(link = logit),
##      data = data.3, x = TRUE)
## (3): glm(formula = KvindeAndOpt ~ GnsIndkomstHT + Retning + Kvotient,
##      family = binomial(link = logit), data = data.3, x = TRUE)
## (4): glm(formula = KvindeAndOpt ~ GnsIndkomstHT + Retning + Kvotient +
##      TotalOpt, family = binomial(link = logit), data = data.3,
##      x = TRUE)
```

```
##
```

```
## =====
```

```
##              (1)          (2)          (3)          (4)          (1)          (2)
```

```
## -----
```

```
## (Intercept)          0.735***    0.828***    0.755***    0.758***    0.238***    0.350*
##              (0.002)    (0.003)    (0.003)    (0.003)    (0.005)    (0.010)
## GnsIndkomstHT      -0.035***   -0.038***   -0.037***   -0.036***   -0.035***   -0.042*
##              (0.000)    (0.000)    (0.000)    (0.000)    (0.001)    (0.001)
## Retning: Business/Bus/kom          -0.175***   -0.169***   -0.156***
##              (0.002)    (0.002)    (0.002)
## Retning: Hum/Bus/kom          -0.038***   -0.016***   -0.013***
##              (0.002)    (0.002)    (0.002)
## Retning: Ing/Bus/kom          -0.279***   -0.250***   -0.256***
##              (0.003)    (0.003)    (0.003)
## Retning: Jur/Bus/kom           0.100***    0.072***    0.104***
##              (0.003)    (0.003)    (0.003)
## Retning: Kom/Bus/kom          -0.080***   -0.060***   -0.062***
##              (0.003)    (0.003)    (0.002)
## Retning: Natur/Bus/kom        -0.056***   -0.033***   -0.035***
##              (0.002)    (0.002)    (0.002)
## Retning: Samf/Bus/kom        -0.017***   -0.018***   -0.011***
##              (0.002)    (0.002)    (0.002)
## Retning: Science/Bus/kom      -0.281***   -0.249***   -0.249***
##              (0.003)    (0.003)    (0.003)
## Retning: Sund/Bus/kom         0.167***    0.132***    0.145***
##              (0.003)    (0.003)    (0.003)
```

##		(0.003)	(0.003)	(0.003)		(0.010)
##	Kvotient		0.010***	0.011***		
##			(0.000)	(0.000)		
##	TotalOpt			-0.000***		
##				(0.000)		
##	-----					
##	N	116535	116535	116535	116535	116535
##	=====					

Investeringer i human kapital sker med forventninger til afkast i arbejdsmarkedet (Becker 1964). Grundet direkte samt indirekte diskrimination, i.e. lønforskelle, kønnene imellem, er kønnenes traditionelle specialisering, mænd i lønnet arbejde og kvinder i hjemmet, fremhævet som økonomisk optimal (Becker 1991; Becker 1985). Med forventning om denne kønsspecialisering forventes det yderligere, at kvinder investerer mindre i human kapital, i.e. løndiskrimination er cirkulær og selvforstærkende fra et human kapitalsynspunkt (Blackburn et al. 2002). På trods af den forudsete cirkularitet, er der gennem de seneste årtier sket dramatiske kønsforandringer i human kapital investeringer: kvinder udgør nu majoriteten af studerende på længere videregående uddannelser (Kilde). Igen, fra et human kapital perspektiv burde kvinders øgede investeringer i human kapital betyde mindre lønforskelle mellem kvinder og mænd. Markante lønforskelle kønnene imellem er dog fortsat observeret, endda også imellem kvinder og mænd med længerevarende videregående uddannelser, hvor mænd i 2014 havde en bruttoindkomst 36,54 % højere end kvinder (Danmarks Statistik - Kilde).

% Error: Unrecognized object type.