

**Multivariable regression on the improvement
between baseline and last assessment**

ITT-population

| Explanator | Regression Coefficient | Standard Error | p |
|-------------------|-------------------------------|-----------------------|----------|
|-------------------|-------------------------------|-----------------------|----------|

| Regression on improvement of HAQ | | | |
|---|--------|-------|--------|
| Gender (female vs male) | -2.62 | 1.26 | 0.04 |
| Age (years) | -0.037 | 0.051 | 0.47 |
| BMI | 0.041 | 0.105 | 0.69 |
| Baseline HAQ | 0.559 | 0.067 | <0.001 |
| Duration of acute exacerbation > 12 wks | -0.471 | 1.13 | 0.68 |
| Initial Dose (5mg vs 10mg) | -0.550 | 1.09 | 0.61 |

| Regression on improvement of Three Item Pain Score (TIPS) | | | |
|--|--------|-------|--------|
| Gender (female vs male) | -1.71 | 1.67 | 0.31 |
| Age (years) | -0.003 | 0.067 | 0.96 |
| BMI | 0.143 | 0.135 | 0.29 |
| Baseline TIPS | 0.732 | 0.145 | <0.001 |
| Duration of acute exacerbation > 12 wks | -1.48 | 1.49 | 0.32 |
| Initial Dose (5mg vs 10mg) | -0.433 | 1.41 | 0.76 |

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| Regression on improvement of Arhus Component Pain | | | |
|--|--------|-------|--------|
| Gender (female vs male) | -2.66 | 2.82 | 0.35 |
| Age (years) | -0.017 | 0.111 | 0.88 |
| BMI | 0.275 | 0.228 | 0.23 |
| Baseline Arhus Component Pain | 0.613 | 0.107 | <0.001 |
| Duration of acute exacerbation > 12 wks | -2.52 | 2.50 | 0.32 |
| Initial Dose (5mg vs 10mg) | 0.165 | 2.35 | 0.94 |

| Regression on improvement of Arhus Component Invalidity | | | |
|--|--------|-------|--------|
| Gender (female vs male) | -2.95 | 1.24 | 0.02 |
| Age (years) | 0.034 | 0.051 | 0.50 |
| BMI | 0.054 | 0.104 | 0.60 |
| Baseline Arhus Component Invalidity | 0.402 | 0.096 | <0.001 |
| Duration of acute exacerbation > 12 wks | -1.02 | 1.11 | 0.36 |
| Initial Dose (5mg vs 10mg) | -0.297 | 1.067 | 0.78 |