

Table S5. Influence of comorbidities on patient's global assessment of disease activity

| Comorbidity | Crude MD (95%CI) | MD (95%CI) ^a | MD (95%CI) ^b |
|---------------------------|---------------------|-------------------------|-------------------------|
| Hypertension | 0.30 (0.13,0.46) | 0.33 (0.14,0.52) | 0.25 (0.02,0.47) |
| Diabetes | 0.53 (0.27,0.80) | 0.66 (0.38,0.94) | 0.54 (0.21,0.86) |
| Hyperlipidemia | -0.27 (-0.46,-0.08) | -0.12 (-0.33,0.09) | -0.35 (-0.60,-0.09) |
| Renal deficiency | 0.54 (0.01,1.07) | 0.50 (-0.08,1.07) | 0.13 (-0.54,0.79) |
| Ischemic heart disease | 0.42 (0.03,0.81) | 0.55 (0.14,0.96) | 0.48 (-0.02,0.98) |
| Stroke | 0.12 (-0.49,0.72) | -0.17 (-0.84,0.50) | -0.42 (-1.23,0.39) |
| Cancer disease | 0.14 (-0.23,0.51) | 0.19 (-0.21,0.59) | 0.55 (0.08,1.03) |
| Gastro-intestinal ulcers | 0.54 (0.28,0.80) | 0.28 (0.02,0.55) | 0.20 (-0.09,0.49) |
| Hepatitis | 0.35 (-0.05,0.74) | 0.24 (-0.18,0.66) | 0.16 (-0.30,0.62) |
| Depression | 0.44 (0.15,0.74) | 0.33 (0.02,0.64) | 0.20 (-0.14,0.54) |
| Chronic pulmonary disease | 0.41 (0.14,0.68) | 0.46 (0.16,0.75) | 0.47 (0.13,0.82) |
| Obesity | 0.31 (0.11,0.52) | 0.33 (0.12,0.55) | 0.17 (-0.08,0.41) |

MD: mean difference; CI: confidence interval

^a adjusted for age, gender, treatments (corticosteroids, NSAIDs, DMARDs), disease duration and serology

^b adjusted for age, gender, treatments (corticosteroids, NSAIDs, DMARDs), disease duration, serology and other comorbidities