

Supplementary Table S7 – Generalized estimating equations, wrist sub-group

	Status				Change			
	Univariate		Multivariable		Univariate		Multivariable	
	B (95% CI)	p	B (95% CI)	p	B (95% CI)	p	B (95% CI)	p
<b>HAQ*</b>								
<b>Synovitis</b>	0.06 (0.04;0.08)	<b>&lt;0.001</b>	0.00 (-0.02;0.02)	<b>0.86</b>	0.07 (0.03;0.12)	<b>0.002</b>	0.01 (-0.04;0.06)	<b>0.75</b>
<b>Tenosynovitis</b>	0.04 (0.03;0.05)	<b>&lt;0.001</b>	0.00 (0.00;0.02)	<b>0.27</b>	0.06 (0.04;0.09)	<b>&lt;0.001</b>	0.06 (0.03;0.09)	<b>&lt;0.001</b>
<b>Osteitis</b>	0.01 (0.00;0.02)	<b>&lt;0.001</b>	0.00 (0.00;0.01)	<b>0.06</b>	0.02 (0.00;0.04)	<b>0.03</b>	0.00 (-0.02;0.02)	<b>0.83</b>
<b>Erosion</b>	-0.02 (-0.11;0.07)	<b>0.68</b>			0.12 (-0.08;0.32)	<b>0.24</b>		
<b>JSN</b>	-0.02 (-0.11;0.07)	<b>0.65</b>			-0.02 (-0.28;0.24)	<b>0.86</b>		
<b>Inflammation</b>	0.02 (0.01;0.02)	<b>&lt;0.001</b>	0.00 (0.00;0.01)	<b>0.01</b>	0.02 (0.01;0.04)	<b>&lt;0.001</b>	0.02 (0.01;0.03)	<b>&lt;0.001</b>
<b>Damage</b>	-0.06 (-0.15;0.02)	<b>0.14</b>			0.06 (-0.13;0.26)	<b>0.54</b>		
<b>VAS-PtGlobal*</b>								
<b>Synovitis</b>	0.09 (0.05;0.13)	<b>&lt;0.001</b>	0.01 (-0.02;0.04)	<b>0.36</b>	4.21 (2.45;5.97)	<b>&lt;0.001</b>	3.11 (1.15;5.07)	<b>0.002</b>
<b>Tenosynovitis</b>	0.04 (0.03;0.05)	<b>&lt;0.001</b>	0.00 (-0.02;0.02)	<b>0.86</b>	1.82 (0.79;2.84)	<b>&lt;0.001</b>	1.13 (-0.04;2.31)	<b>0.06</b>
<b>Osteitis</b>	0.01 (0.00;0.02)	<b>0.16</b>			0.77 (0.12;1.66)	<b>0.09</b>	-0.23 (-1.10;0.63)	<b>0.60</b>
<b>Erosion</b>	-0.05 (-0.17;0.07)	<b>0.40</b>			1.74 (-6.86;10.35)	<b>0.69</b>		
<b>JSN</b>	0.05 (-0.07;0.17)	<b>0.40</b>			-1.97 (-11.60;7.66)	<b>0.69</b>		
<b>Inflammation</b>	0.02 (0.01;0.02)	<b>&lt;0.001</b>	0.00 (0.00;0.01)	<b>0.41</b>	0.86 (0.28;1.44)	<b>&lt;0.004</b>	0.79 (0.21;1.36)	<b>0.01</b>
<b>Damage</b>	-0.08 (-0.20;0.03)	<b>0.17</b>			-0.64 (-8.79;7.52)	<b>0.88</b>		
<b>VAS-pain*</b>								
<b>Synovitis</b>	0.09 (0.06;0.13)	<b>&lt;0.001</b>	0.03 (0.00;0.06)	<b>0.07</b>	4.53 (3.85;6.20)	<b>&lt;0.001</b>	3.06 (1.20;4.92)	<b>0.001</b>
<b>Tenosynovitis</b>	0.04 (0.03;0.06)	<b>&lt;0.001</b>	0.00 (-0.01;0.02)	<b>0.63</b>	1.92 (0.98;2.85)	<b>&lt;0.001</b>	1.25 (0.19;2.31)	<b>0.02</b>
<b>Osteitis</b>	0.01 (0.00;0.02)	<b>0.31</b>			0.75 (0.12;1.63)	<b>0.09</b>	-0.23 (-1.08;0.61)	<b>0.59</b>
<b>Erosion</b>	-0.06 (-0.18;0.05)	<b>0.27</b>			0.06 (-8.11;8.22)	<b>0.99</b>		
<b>JSN</b>	0.04 (-0.08;0.16)	<b>0.56</b>			0.05 (-9.54;9.63)	<b>0.99</b>		
<b>Inflammation</b>	0.02 (0.01;0.02)	<b>&lt;0.001</b>	0.00 (0.00;0.01)	<b>0.25</b>	0.91 (0.34;1.47)	<b>&lt;0.002</b>	0.80 (0.24;1.36)	<b>0.01</b>
<b>Damage</b>	-0.08 (-0.19;0.04)	<b>0.21</b>			-1.09 (-8.73;6.55)	<b>0.78</b>		

All GEE analyses were adjusted for age and sex. Due to statistical skewness, the damage parameters were dichotomized as follows: JSN: score >0, Erosion: Score >1, Damage: Score >2. MRI parameters with a univariate p-value < 0.10 were included in multivariable GEE analysis where CRP and SJC were incorporated. \*Log-transformed for status scores. Abbreviations: HAQ: Health assessment questionnaire, JSN: Joint space narrowing, PtGlobal: Patient global, VAS: Visual analogue scale.