

Supplementary Table 1. Multivariable Linear Regression models. Square root transformed AMS as the dependent variable.

| Variable | One year | | Three year | | Five year | |
|--|-----------------------------|------------------|-----------------------------|------------------|-----------------------------|------------------|
| | Parameter Estimates (95%CI) | P values | Parameter Estimates (95%CI) | P values | Parameter Estimates (95%CI) | P values |
| All patients | | | | | | |
| Age at baseline | 0 (-0.01,0) | 0.0671 | -0.01 (-0.01,0) | 0.0025 | -0.01 (-0.01,0) | 0.0045 |
| Caucasian | -0.11 (-0.27,0.04) | 0.1516 | -0.12 (-0.26,0.02) | 0.0828 | -0.12 (-0.25,0.02) | 0.0884 |
| EULAR/ACR total Score \geq 20 | 0.52 (0.37,0.67) | <.0001 | 0.28 (0.14,0.41) | <.0001 | 0.26 (0.13,0.39) | <.0001 |
| Treated with Antimalarial at the end of that year | 0.01 (-0.16,0.17) | 0.9517 | 0.09 (-0.05,0.24) | 0.2113 | 0.03 (-0.11,0.17) | 0.6876 |
| Treated with Immunosuppressives at the end of the year | 0.17 (0.01,0.33) | 0.0417 | 0.19 (0.05,0.33) | 0.0092 | 0.23 (0.09,0.36) | 0.0012 |
| Patients without Lupus Nephritis | | | | | | |
| Age at baseline | 0 (-0.01,0) | 0.3963 | -0.01 (-0.01, -0) | 0.0024 | -0.01 (-0.01, -0) | 0.0023 |
| Caucasian | 0 (-0.17,0.16) | 0.9641 | -0.01 (-0.16, -0.15) | 0.9481 | 0.01 (-0.14, -0.17) | 0.8543 |
| EULAR/ACR total Score \geq 20 | 0.43 (0.28,0.58) | <.0001 | 0.3 (0.16, 0.43) | <.0001 | 0.25 (0.12, 0.39) | 0.0002 |
| Treated with Antimalarial at the end of that year | 0.02 (-0.14,0.18) | 0.7955 | 0.07 (-0.07,0.21) | 0.3367 | 0.13 (-0.02,0.27) | 0.0793 |
| Treated with Immunosuppressives at the end of the year | -0.01 (-0.21,0.18) | 0.8967 | 0.06 (-0.11,0.23) | 0.4712 | 0.1 (-0.07,0.26) | 0.2568 |