

Supplementary Table 2. Associations of patient characteristics with obesity in SLE patients**(n=116)**

| | | Univariable | | | Multivariable | | |
|--------------------------|-----------|-------------|---------------|---------|---------------|---------------|---------|
| | | OR | (95% CI) | P-value | Adjusted OR | (95% CI) | P-value |
| Age at diagnosis (years) | < 40 | 1.00 | | | 1.00 | | |
| | 40-60 | 3.65 | (1.22, 10.94) | 0.02 | 2.83 | (0.76, 10.51) | 0.12 |
| | > 60 | 6.84 | (1.29, 36.19) | 0.02 | 11.76 | (1.50, 92.09) | 0.02 |
| Gender | Female | 1.00 | | | | | |
| | Male | 0.83 | (0.17, 4.07) | 0.82 | | | |
| Ethnicity | Caucasian | 1.00 | | | 1.00 | | |
| | Asian | 0.28 | (0.08, 1.06) | 0.06 | 0.4 | (0.09, 1.75) | 0.23 |
| | Other | 0.21 | (0.02, 1.69) | 0.14 | 0.18 | (0.02, 1.66) | 0.13 |

| | | | | | | | |
|-------------------------|--------------|------|--------------|------|------|--------------|------|
| Smoking | No | 1.00 | | | | | |
| | Yes | 0.37 | (0.12, 1.19) | 0.10 | | | |
| Received prednisolone | No | 1.00 | | | | | |
| | Yes | 0.46 | (0.15, 1.38) | 0.17 | | | |
| Cumulative prednisolone | 1st quartile | 1.00 | | | 1.00 | | |
| | 2nd quartile | 0.3 | (0.07, 1.29) | 0.11 | 0.31 | (0.06, 1.70) | 0.18 |
| | 3rd quartile | 0.68 | (0.20, 2.30) | 0.54 | 1.83 | (0.37, 8.96) | 0.46 |
| | 4th quartile | 0.19 | (0.04, 1.01) | 0.05 | 0.63 | (0.09, 4.52) | 0.65 |
| AMS | < 4 | 1.00 | | | 1.00 | | |
| | ≥ 4 | 0.35 | (0.12, 1.05) | 0.06 | 0.57 | (0.14, 2.42) | 0.45 |
| Baseline SDI | 0 | 1.00 | | | | | |
| | > 0 | 1.52 | (0.56, 4.12) | 0.41 | | | |

| | | | | | | | |
|--------------------------------------|-----|------|-----------------|------|--|--|--|
| Change in SDI (Δ SDI > 0) | 0 | 1.00 | | | | | |
| | > 0 | 1.13 | (0.42, 3.04) | 0.80 | | | |

AMS= time-adjusted mean Systemic Lupus Erythematosus Disease Activity Index 2000.

SDI=Systemic Lupus International Collaborating Clinics Damage Index.

OR, 95% CI and P-value derived from logistic regression model