

Supplemental Tables

Supplemental Table 1. Comparison of incidence rate of infection between patients with positive autoantibody and patients with negative autoantibody

| | Total | Event (n) | Event (%) | Total person-years | Incidence Rate (/10 ³ person-years) | IRR | 95%CI | <i>p</i> value |
|----------|-------|-----------|-----------|--------------------|--|------|---------------|----------------|
| RF-IgM | | | | | | | | |
| Negative | 96 | 19 | (79.2%) | 370.6 | 51.3 | | 1 | |
| Positive | 30 | 5 | (20.8%) | 107.7 | 46.4 | 0.91 | (0.34- 2.43) | 0.844 |
| ANA | | | | | | | | |
| Negative | 124 | 25 | (65.8%) | 465.3 | 53.7 | | 1 | |
| Positive | 68 | 13 | (34.2%) | 261.6 | 49.7 | 0.92 | (0.47- 1.81) | 0.819 |
| SSA | | | | | | | | |
| Negative | 9 | 1 | (5.0%) | 52.7 | 19.0 | | 1 | |
| Positive | 75 | 19 | (95.0%) | 248.2 | 76.6 | 4.03 | (0.54- 30.12) | 0.174 |
| SSB | | | | | | | | |
| Negative | 30 | 6 | (30.0%) | 119.1 | 50.4 | | 1 | |
| Positive | 54 | 14 | (70.0%) | 181.8 | 77.0 | 1.53 | (0.59- 3.98) | 0.384 |

Supplemental Tables

Supplemental Table 2. Comparison of incidence rate of death between patients with positive autoantibody and patients with negative autoantibody

| | Total | Event (n) | Event (%) | Total person-years | Incidence Rate (/10 ³ person-years) | IRR | 95%CI | <i>p</i> value |
|----------|-------|-----------|-----------|-----------------------|---|------|--------------|----------------|
| ANA | | | | | | | | |
| Negative | 124 | 3 | (50.0%) | 530.7 | 5.7 | | 1 | |
| Positive | 68 | 3 | (50.0%) | 280.8 | 10.7 | 1.89 | (0.38- 9.36) | 0.436 |
| RF-IgM | | | | | | | | |
| Normal | 96 | 3 | (100.0%) | | | | | |
| Abnormal | 30 | 0 | (0.0%) | | | | | |
| SSA | | | | | | | | |
| Negative | 9 | 0 | (0.0%) | | | | | |
| Positive | 75 | 3 | (100.0%) | | | | | |
| SSB | | | | | | | | |
| Negative | 30 | 0 | (0.0%) | | | | | |
| Positive | 54 | 3 | (100.0%) | | | | | |