

Supplemental Table 1 Generalized estimating equation logistic regression model for the risk of severe infections with cyclophosphamide and rituximab as independent variables.

| | Odds ratio (95% CI) | p Value |
|---------------------------------------|-----------------------|---------|
| Sex (female) | 1.271 (0.584-2.768) | 0.55 |
| Age | 1.044 (1.028-1.061) | < 0.001 |
| Glucocorticoid ^a | 1.896 (1.334-2.694) | < 0.001 |
| Cyclophosphamide | 3.160 (0.505-19.788) | 0.22 |
| Rituximab | 16.680 (4.761-58.446) | < 0.001 |
| Other immunosuppressants ^b | 1.359 (0.854-2.163) | 0.20 |
| SLEDAI | 0.985 (0.938-1.035) | 0.56 |
| Hydroxychloroquine | 0.606 (0.335-1.099) | 0.099 |

^aPrednisolone equivalent dose was log-transformed for statistical analysis.

^bAt least one of the following: mycophenolate mofetil, mizoribine, methotrexate, azathioprine, tacrolimus, cyclosporine, belimumab.

CI, confidence interval; SLEDAI, Systemic Lupus Erythematosus Disease Activity Index.