**Supplementary Table 5 –** Summary of statistically significant associations between SLE clinical indicators and HRQoL surveys

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **SLEQOL** | | | | | | |  | **SF36** | | | | | | | | | |
|  | **Overall** | **Domain-Specific** | | | | | |  | **Component Summaries** | | **Domain-Specific** | | | | | | | |
|  | **Total** | **D1** | **D2** | **D3** | **D4** | **D5** | **D6** |  | **PCS** | **MCS** | **PF** | **RP** | **BP** | **GH** | **VT** | **SF** | **RE** | **MH** |
| **Clinical Indicators** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| In LLDAS | ● | ● | ● | ● | ● | ● | ● |  | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| SLEDAI-2K Disease Activity |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Overall (SLEDAI-2K>4) | **\*** | **\*** | **\*** | **\*** | **\*** | **\*** | **\*** |  | **\*** | **\*** | **\*** | **\*** | **\*** | **\*** | **\*** | **\*** | **\*** | **\*** |
| Organ specific |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| CNS + | **\*** | **\*** | **\*** | **\*** |  | **\*** |  |  | **\*** |  | **\*** |  |  |  |  |  |  |  |
| VAS + |  |  |  |  | **\*** |  |  |  |  |  |  |  |  |  |  |  |  |  |
| MSK + | **\*** | **\*** | **\*** | **\*** |  |  |  |  |  |  |  |  | **\*** |  |  |  |  |  |
| Renal + | **\*** | **\*** | **\*** | **\*** |  | **\*** | **\*** |  | **\*** |  | **\*** |  | **\*** |  | **\*** | **\*** |  |  |
| Cutaneous + | **\*** | **\*** | **\*** | **\*** |  | **\*** | **\*** |  | **\*** |  | **\*** |  | **\*** |  | **\*** | **\*** |  |  |
| Serological + |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | **\*** |
| MM/S flare + | **\*** | **\*** | **\*** | **\*** |  | **\*** |  |  | **\*** |  | **\*** | **\*** | **\*** | **\*** | **\*** | **\*** | **\*** |  |
| Organ damage + | **\*** | **\*** | **\*** | **\*** |  |  |  |  | **\*** |  | **\*** | **\*** | **\*** | **\*** |  |  |  |  |

● = positive association (i.e. improved HRQoL) with p<0.05; **\***=negative association (i.e., worsen HRQoL) with p<0.05

CNS = Central Nervous System, VAS = Vasculitis, MSK = Musculoskeletal, D1 = Physical Functioning, D2 = Activities, D3 = Symptoms, D4 = Treatment, D5 = Mood, D6 = Self Image.