Table S2 Supplementary clinical characteristics of the four clusters

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  | All | Cluster 1 | Cluster 2 | Cluster 3 | Cluster 4 | X2 | *P\* value* |
| Photaesthesia, n (%) | 8 (6.5%) | 1 (4.0%) | 4 (7.4%) | 2 (13.3%) | 1 (3.3%) | 1.990  | 0.580  |
| Skin rash, n (%) | 24 (19.4%) | 4 (16.0%) | 7 (13.0%) | 4 (26.7%) | 9 (30.0%) | 4.337  | 0.231  |
| Gottron, n (%) | 5 (4.1%) | 0 | 2 (3.7%) | 1 (6.7%) | 2 (6.7%) | 1.873  | 0.599  |
| Mechanic hands, n (%) | 1 (0.8%) | 0  | 0 | 1 (6.7%) | 0  | 7.326  | 0.121  |
| Sclerodactyly, n (%) | 4 (3.2%) | 0 | 1 (1.9%) | 2 (13.3%) | 1 (3.3%) | 4.410  | 0.163  |
| Oral ulcer, n (%) | 6 (4.8%) | 0 | 4 (7.4%) | 0 | 2 (6.7%) | 2.184  | 0.536  |
| Gastroesophageal reflux, n (%) | 12 (9.7%) | 3 (12.0%) | 4 (7.4%) | 2 (13.3%) | 3 (10.0%) | 1.179  | 0.803  |
| Raynard phenomenon, n (%) | 5 (4.0%) | 1 (4.0%) | 2 (3.7%) | 1 (6.7%) | 1 (3.3%) | 1.022  | 0.917  |
| Fingertip vasculitis, n (%) | 2 (1.6%) | 0 | 2 (3.7%) | 0 | 0  | 1.766  | 0.788  |
| Xerophthalmia, n (%) | 26 (21.0%) | 3 (12.0%) | 14 (25.9%) | 3 (20.0%) | 6 (20.0%) | 1.943  | 0.592  |
| Xerostomia, n (%) | 32 (25.8%) | 6 (24.0%) | 17 (31.5%) | 4 (26.7%) | 5 (16.7%) | 2.242  | 0.517  |
| Rampant teeth, n (%) | 9 (25.8%) | 1 (4.0%) | 4 (7.4%) | 1 (6.7%) | 3 (10.0%) | 0.851  | 0.920  |
| Alopecia, n (%) | 8 (6.5%) | 0 | 4 (7.4%) | 1 (6.7%) | 3 (10.0%) | 2.504  | 0.420  |
| Malignancy, n (%) | 3 (2.4%) | 1 (4.0%) | 2 (3.7%) | 0  | 0 | 1.547  | 0.731  |
| Pulmonary hypertension, n (%) | 8 (6.5%) | 3 (12.0%) | 2 (3.7%) | 1 (6.7%) | 2 (6.7%) | 2.286  | 0.493  |
| Thyroid function |  |  |  |  |  | 4.277  | 0.787  |
| Normal thyroid function, n (%) | 26 (21.0%) | 3 (12.0%) | 8 (72.7%) | 6 (40.0%) | 9 (90.0%) |  |  |
| Hyperthyroidism, n (%) | 2 (1.6%) | 0  | 1 (9.1%) | 0 | 1 (10.0%) |  |  |
| Hypothyroidism, n (%) | 2 (1.6%) | 0 | 2 (18.2%) | 0 | 0 |  |  |

Values were given as n (%).

\*, comparisons among four clusters.