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.