

Dermatology Dataset

- The differential diagnosis of erythemato-squamous diseases is a real problem in dermatology. They all share clinical features of erythema and scaling, with very little differences.
- This data set (Nilsel liter, N. and H. Altay Guvenir, H.A., 1998) was gathered by surveying 366 patients with erythemato-squamous disease.

Reported Outcomes

- Psoriasis (1)
- Seborrheic dermatitis (2)
- Lichen planus (3)
- Pityriasis rosea (4)
- Chronic dermatitis (5)
- Pityriasis rubra pilaris (6).

Clinical Attributes

- Age in years (**age**)
- Family history: 1 = yes, 0 = no (**history**)
- Scaling (**clinatt2**)
- Definite borders (**clinatt3**)
- Itching (**clinatt4**)
- Eosinophils in the infiltrate (**clinatt13**)
- Exocytosis (**hstatt16**)
- Hyperkeratosis (**hstatt18**)
- Inflammatory mononuclear infiltrate (**hstatt32**)
- Band-like infiltrate (**hstatt33**).

These clinical attributes are coded in the range 0:3 where:
0 = not present, 1 to 2 = intermediate amounts present, and
3 = largest amount possible.