Supplementary material has been published as submitted. It has not been copyedited, typeset or checked for scientific content by Acta Dermato-Venereologica

## **APPENDIX S1**

DermaReg enrolls patients who are treated with systemic treatment in the Stockholm region, Sweden. The register started enrollment in 2008. Patients have been enrolled both at start of treatment episodes and during on-going treatment episodes.

Patients are followed prospectively, and the register therefore includes treatment switches and a patients may have several treatment episodes. To date, the register has predominately included patients from the two largest psoriasis clinics in Sweden: The Karolinska University Hospital and a treatment center administered by the Swedish Psoriasis Association in Sundbyberg, Stockholm. Prior to enrolment, all patients provided informed consent (which can be withdrawn at any time). Subsequently, clinical and patient-reported data are collected at every visit. Data collected at each visit include the Psoriasis Area and Severity Index (PASI), the Psoriatic Arthritis Screening and Evaluation questionnaire (PASE), the Dermatology Life Quality Index (DLQI) the EuroQol 5 Dimension 3 Level questionnaire (EQ-5D 3L), the Montgomery-Åsberg Depression Rating Scale-Self-Rating (MADRS-S) and laboratory data. Dates for initiation and discontinuation of treatment are reported by the treating clinician. Temporary discontinuations, e.g. for surgery, are also noted. Furthermore, at enrolment, background variables including age at onset, family history and comorbidities are recorded.