

**Table SI. Attributes and attribute levels**

|  | Level  |
|--|--|
| <i>Outcome attribute</i>   |  |
| Probability of PASI 90 response, %   | 60–80<br>40–60<br>20–40<br>10–20   |
| Probability of PASI 75 response, %   | 80–90<br>70–80<br>60–70<br>40–60   |
| Probability of severe AE, %<br>(e.g. severe infections, severe intolerance reactions, liver damage, kidney damage)                                 | < 1<br>1–2<br>2–5<br>5–10  |
| Probability of mild AE, %<br>(e.g. mild infections, headache, gastrointestinal discomfort, temporary, mild abnormalities of laboratory parameters) | < 10<br>10–30<br>30–50<br>50–70  |
| Time until response (weeks)  | 2<br>4<br>8<br>12  |
| <i>Process attribute</i>   |  |
| Treatment location   | At home by the patient<br>At home supported by a medically trained person<br>At a physician's office<br>Outpatient in a hospital |
| Treatment frequency  | Daily<br>Every 1–2 weeks<br>Every 4–8 weeks<br>Every 12 weeks  |
| Delivery method  | Tablets<br>Subcutaneous injections with a syringe<br>Subcutaneous injections with a pen<br>Intravenous infusions                 |
| Frequency of laboratory tests  | Not routinely required<br>Initially every 1–2 weeks<br>Initially every 4 weeks<br>Initially every 12 weeks                       |
| Cost to the healthcare system per year, €  | 100–200<br>1,000–2,000<br>5,000–10,000<br>15,000–25,000  |

AE: adverse events; PASI: Psoriasis Area and Severity Index.