

**Table SI. Registered risk factors and occurrence of squamous cell cancer (SCC)**

Risk variables	Full model Median (IQR)
Age at 1 <sup>st</sup> treatment, years	1.6 (0.2–14)
Age at 1 <sup>st</sup> SCC, years	1.1 (0.98–1.2)
Time 1 <sup>st</sup> treatment to 1 <sup>st</sup> SCC, years	1 (0.91–1.1)
Age at base SCC, years	0.6 (0.06–5.5)
Time 1 <sup>st</sup> treatment to base SCC, years	1.6 (0.16–1.6)
Skin type III–IV	1.4 (0.6–3.1)
High sun exposure	0.92 (0.36–2.3)
Advanced skin lesions	0.65 (0.19–2.2)
Invasive SCC	0.83 (0.14–4.9)
Prior SCC including base SCC	
<i>n</i> = 2	4.6 (1–21)
<i>n</i> > 2	14 (3.1–63)
Azathioprine	0.83 (0.14–4.9)
Mycophenolate mofetil	1.9 (0.73–4.7)
mTOR inhibitor	1.3 (0.46–3.8)
Female sex	1.2 (0.38–3.6)

Wilcoxon test was used for analyses of numerical data. Fischer's exact test was used for analyses of categorical data.

IQR: interquartile range; SCC: squamous cell cancer.