

S4 Fig. Comparisons between ultraviolet (UV) radiation and melanoma incidence worldwide. (A) Heatmap with average daily ambient UV radiation level. Scale bar means population-weighted average daily ambient UV radiation level  $(J/m^2)$  for 1997-2003 [22]. (B) Heatmap of age-standardized melanoma incidence by country. Scale bar means the incidence of melanoma patients per 100,000/yr.