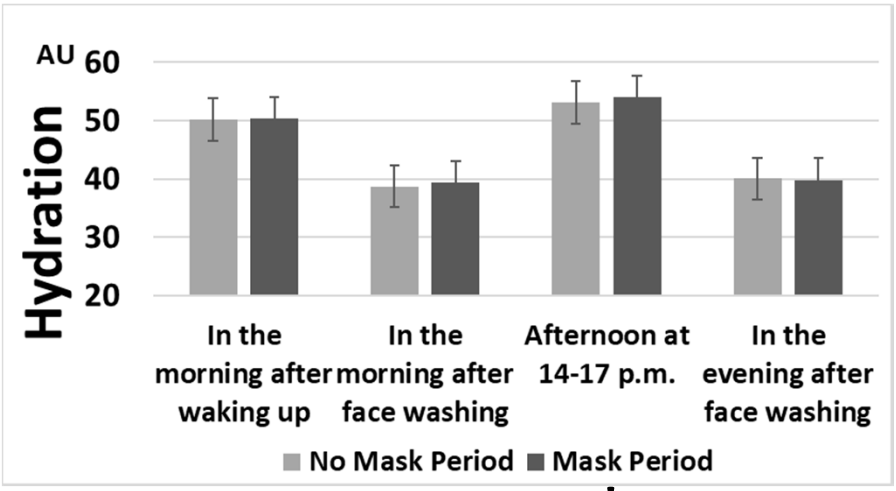
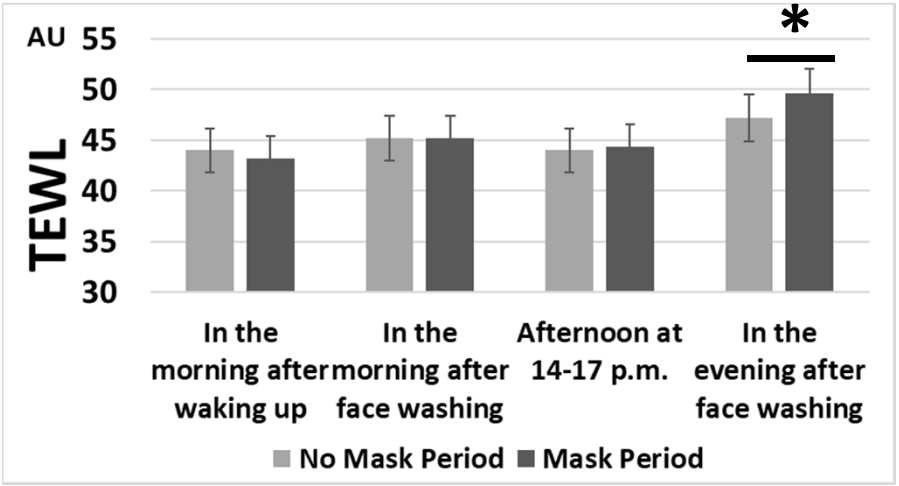
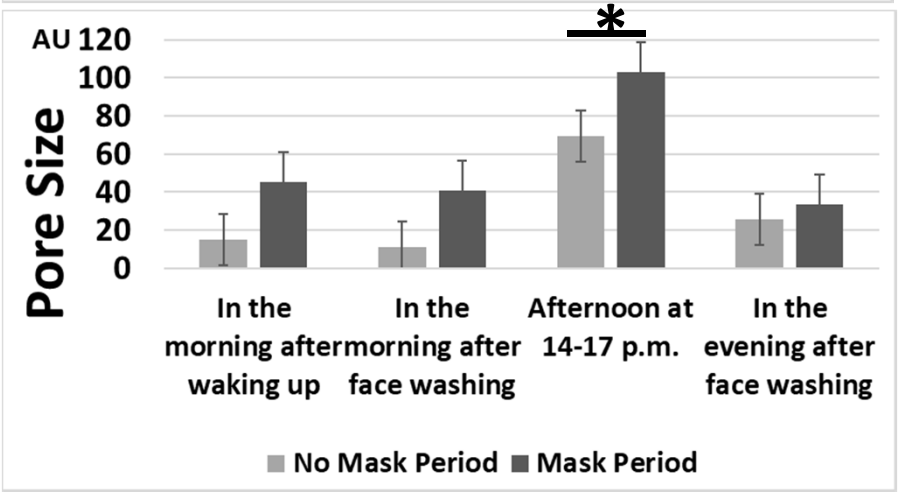
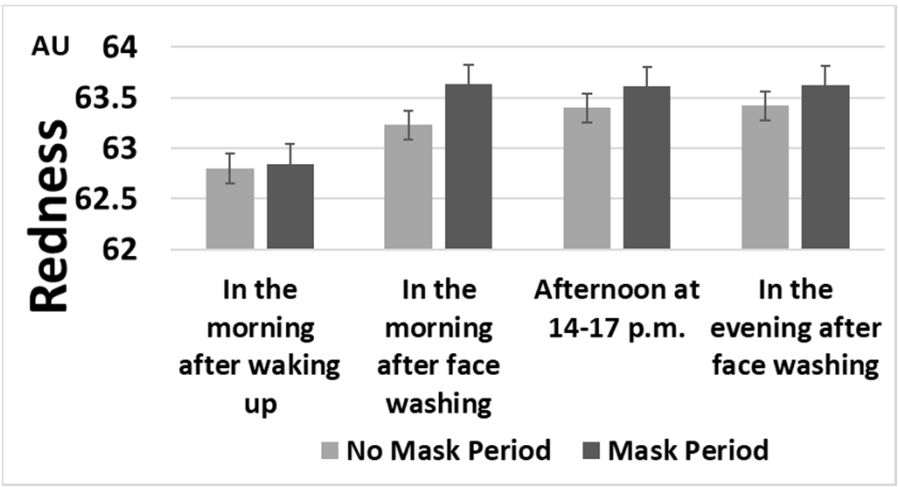
Supplementary Figure S1

Morning-to-evening fluctuation of skin hydration, TEWL, pore size, and redness. The pore size was significantly larger in the afternoon when the subjects wore their masks. A significant increase in TEWL was seen in the evening.
***: P < 0.05**



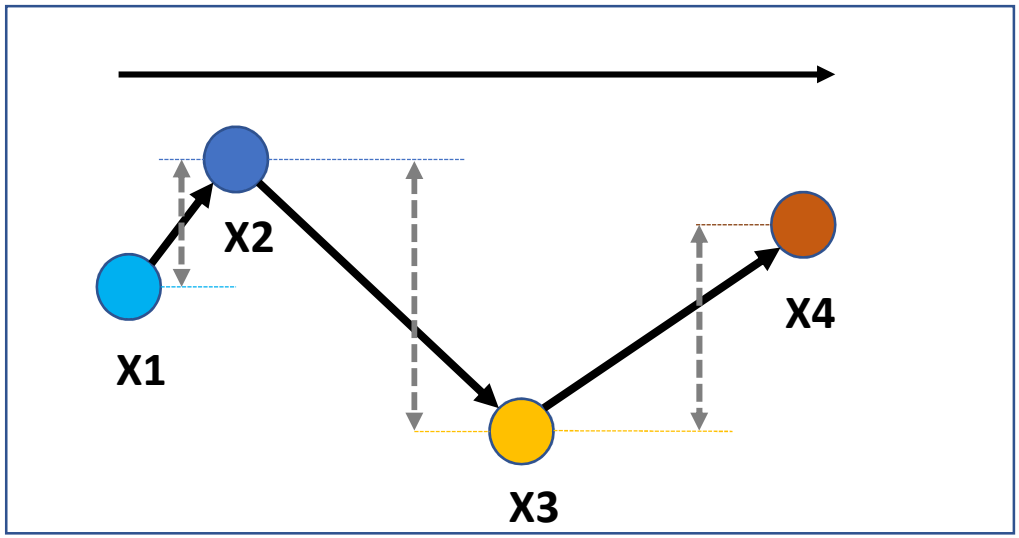






Supplementary Figure S2

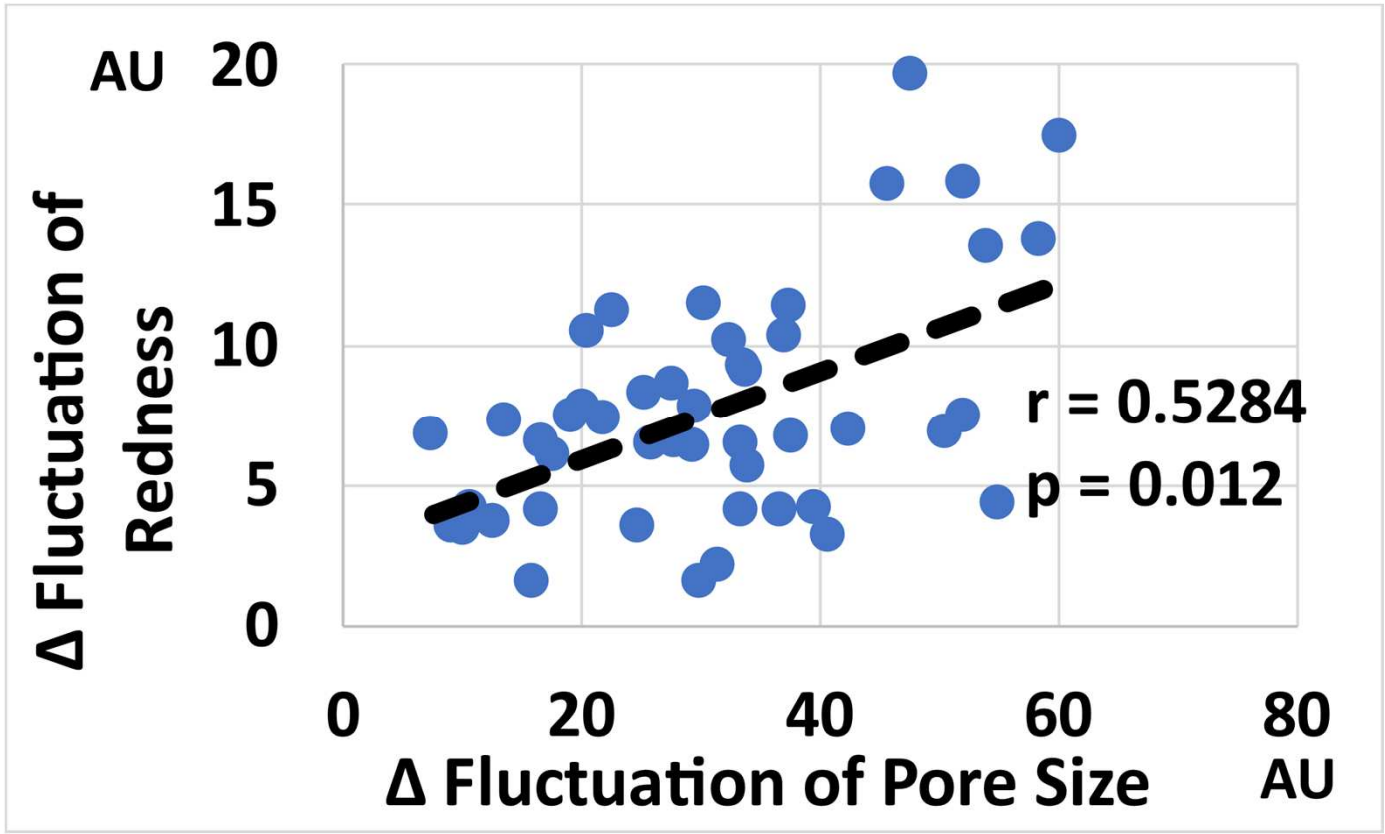
Skin parameters showed morning-to-evening fluctuation.
The intra-day Δ fluctuation was calculated as |X2-X1| + |X2-X3| + |X4-X3|.



- X1: In the morning after waking up
- X2: In the morning after face washing
- X3: Afternoon at 14–17 p.m
- X4: In the evening after face washing

Supplementary Figure S3

The intra-day Δ fluctuation of pore size was significantly correlated with the intra-day Δ fluctuation of redness.



Supplementary Figure S4

The intra-day averages of skin hydration and TEWL were significantly improved by treatment with a GFF-containing moisturizer.

