

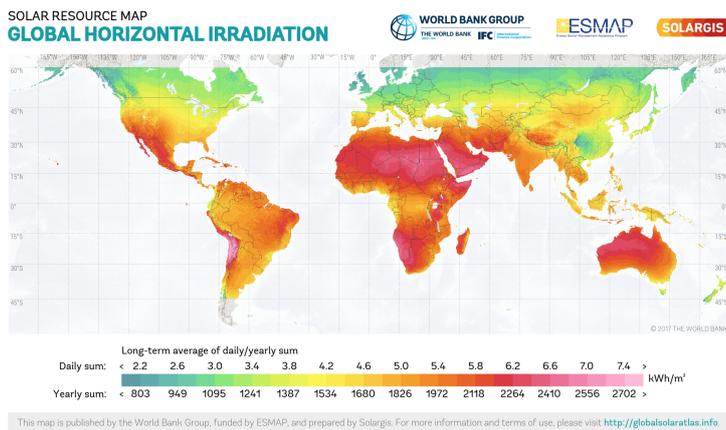
GENETICS, VITAMINS

IS THE LOOMIS HYPOTHESIS WRONG?

2.12.2019

I remember an old vitamin D book – I believe it was Feldman’s [Vitamin D](#) – that argues that if we are going down the Transsahara Route (Algier-Lagos) human skin color gets always darker towards Tamanrasset due to increased solar power- also known known as the Loomis hypothesis ([Science 1967](#)).

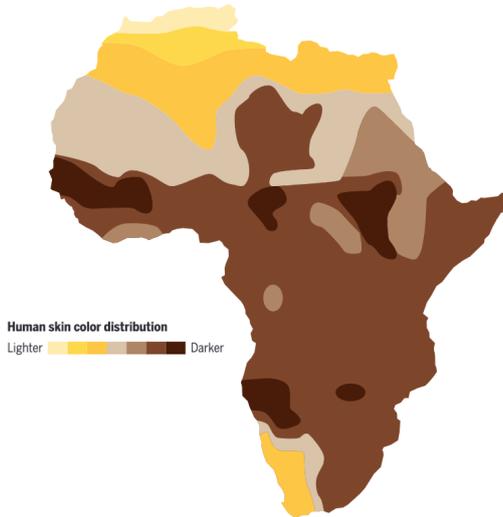
So , let’s have a look at three maps. Solar power first.



1. Solar power. Source:

https://upload.wikimedia.org/wikipedia/commons/1/1e/Global_Map_of_Global_Horizontal_Radiation.png

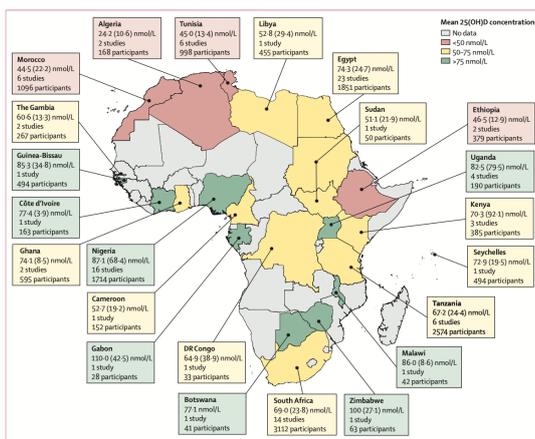
Second, skin tones – the Tamanrasset observation is correct but the overall picture does not match the Loomis hypothesis.



2. Skin tone. Source

<https://science.sciencemag.org/content/358/6365/867.full> For full details see the original paper

Neither does the [new vitamin D map](#) published last week in the Lancet.



3. Vitamin D map. Source:

<https://linkinghub.elsevier.com/retrieve/pii/S2214109X19304577> For full details see the original paper

No need to calculate any formal correlation coefficient. – maps are patchy but let me conclude that either the vitamin D data or the Loomis hypothesis is wrong.

