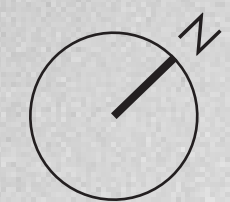
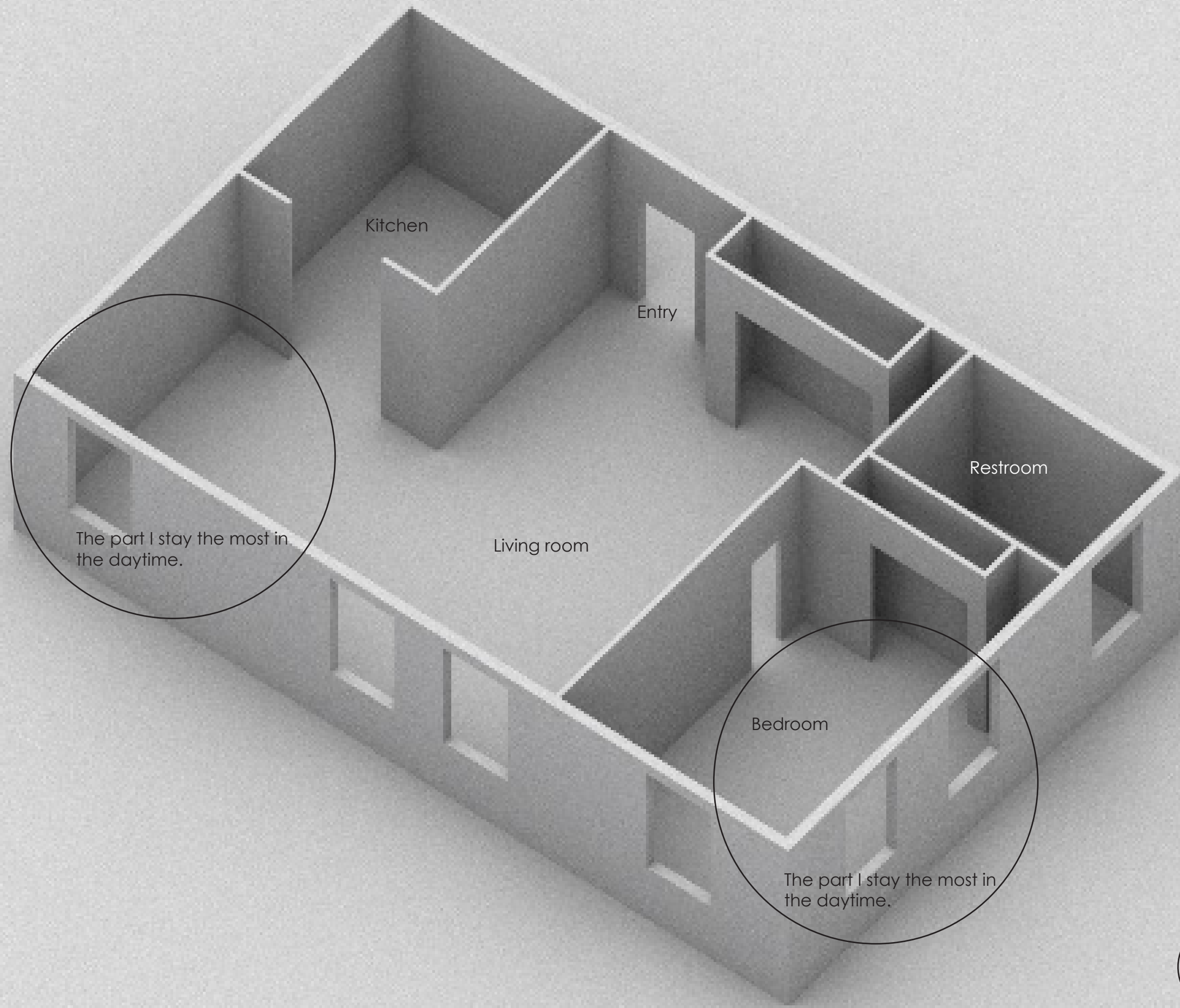


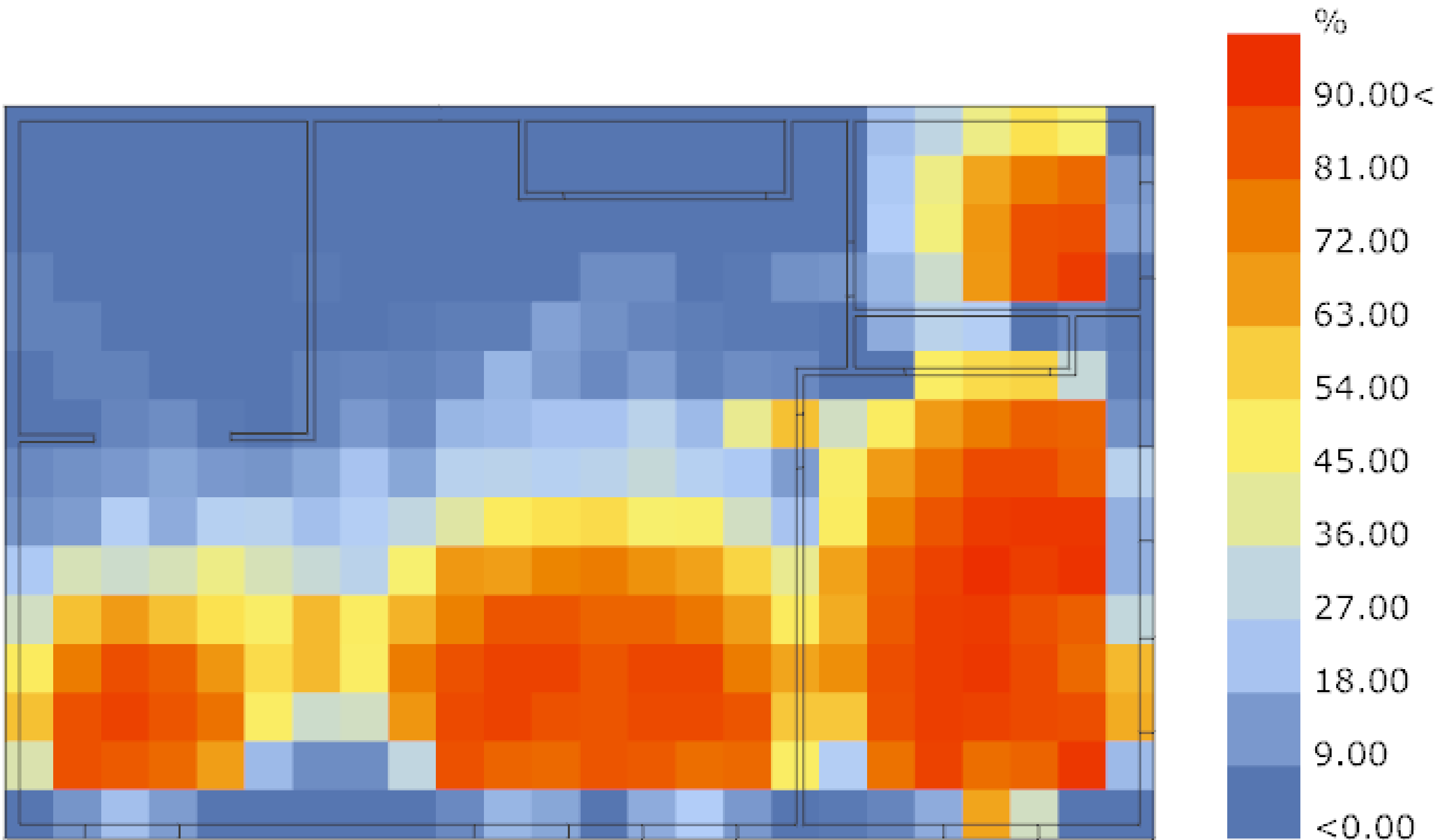
ASSIGNMENT 5

ARCH 753-001

Hewen Jiang

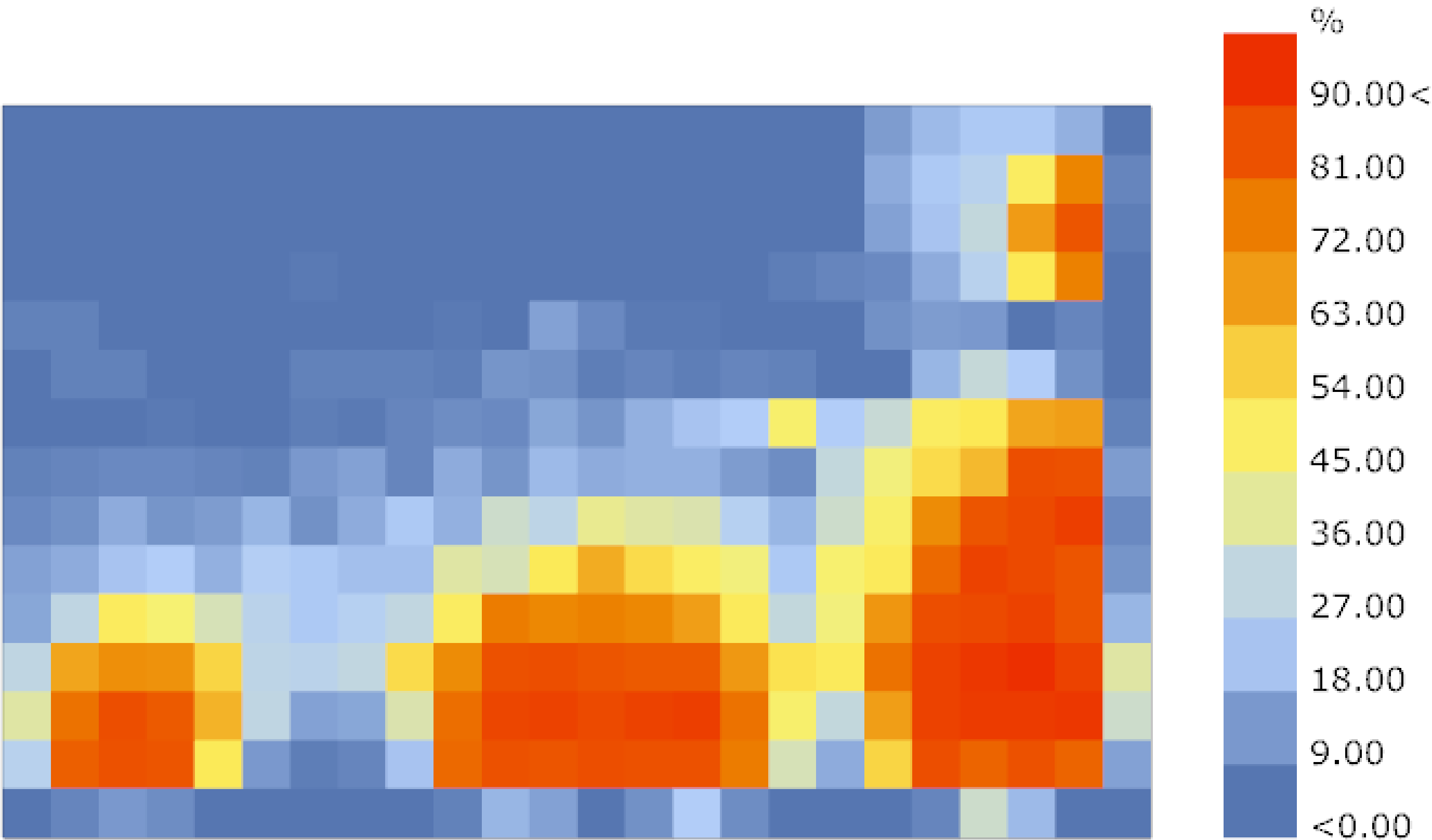


UDLI 100-2000 (0.2 Glass + without Design)



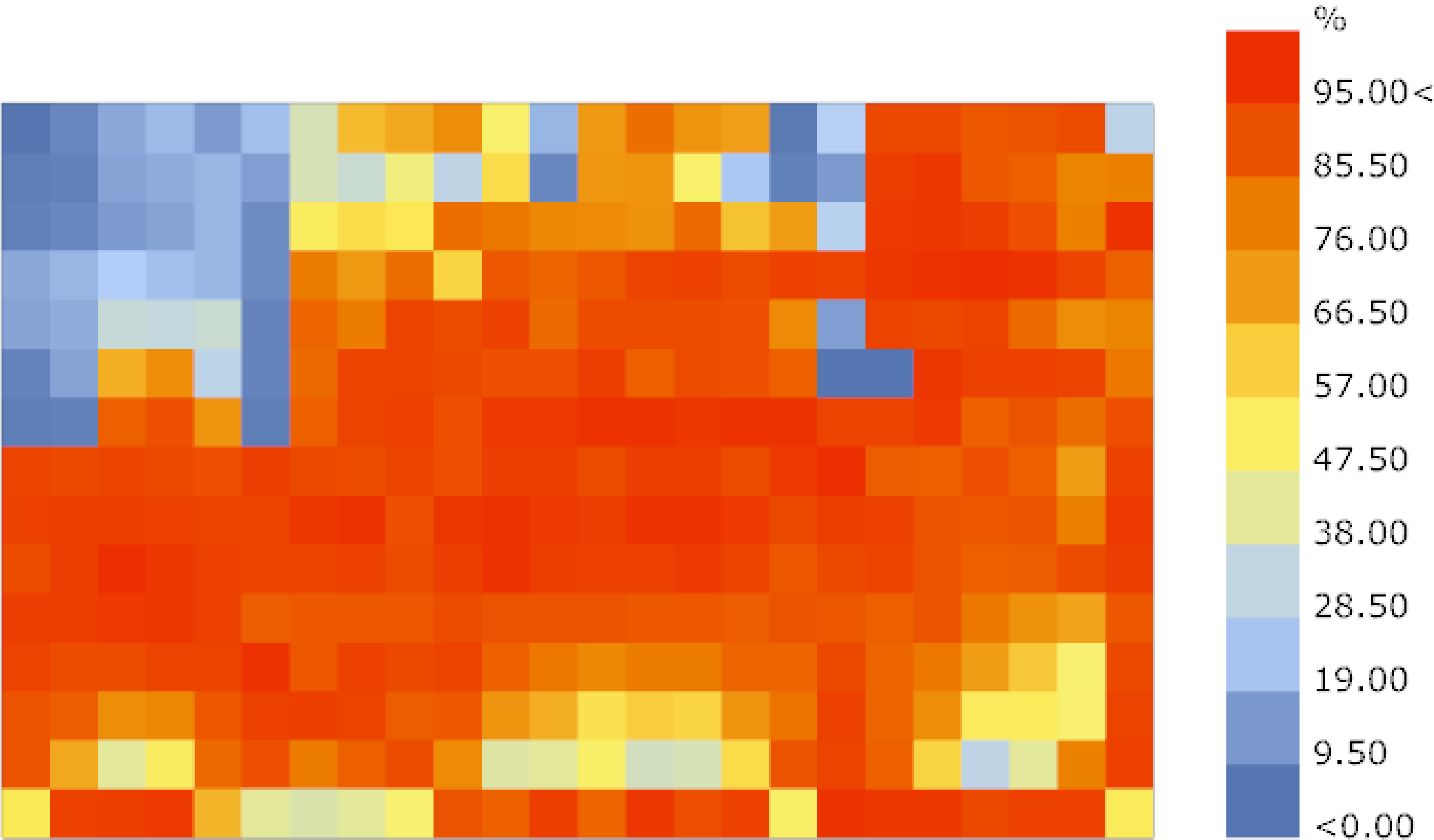
UDLI

UDLI 100-2000 (0.2 Glass + with Design)



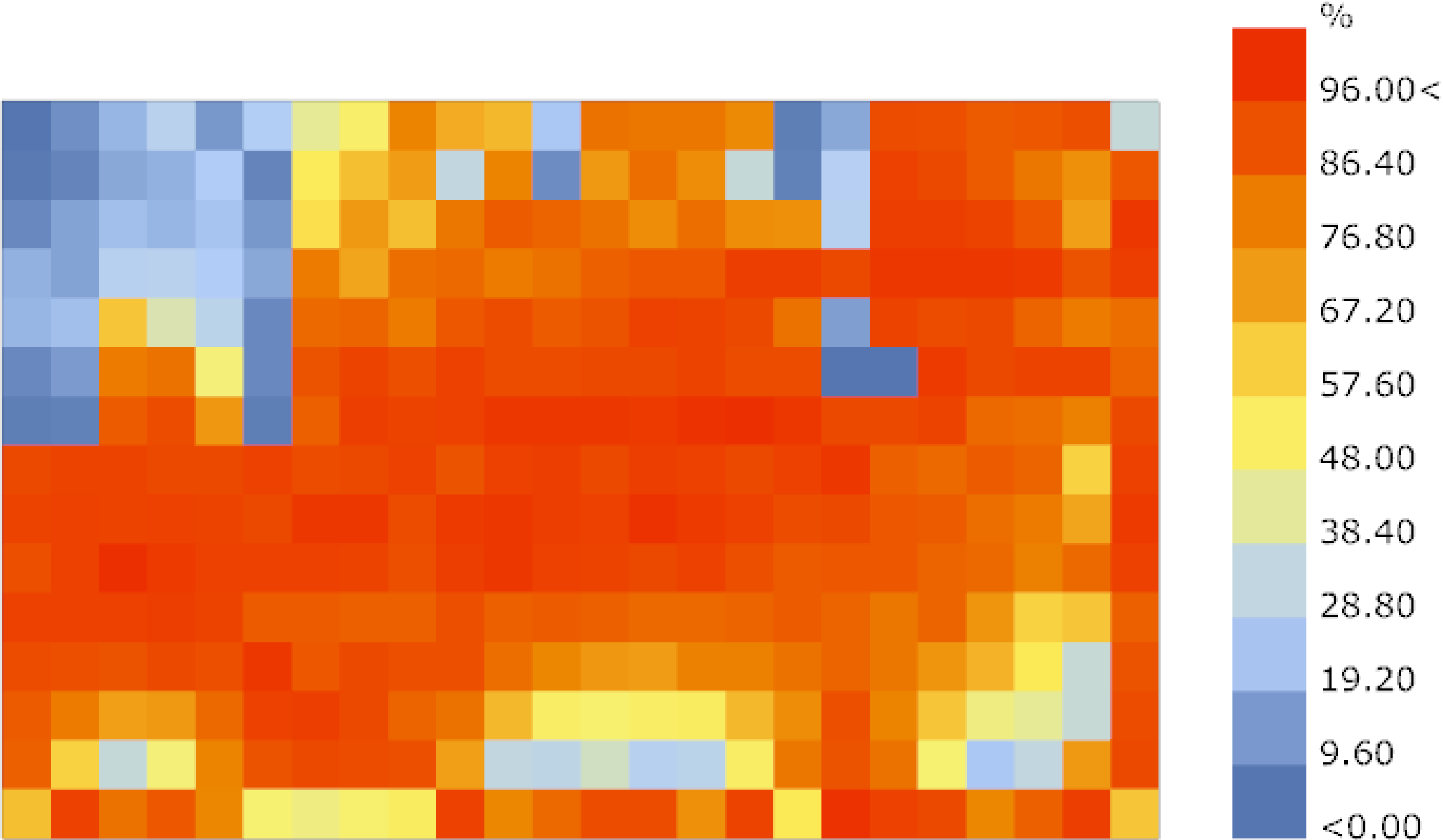
UDLI

UDLI 100-2000 (0.9 Glass + without Design)



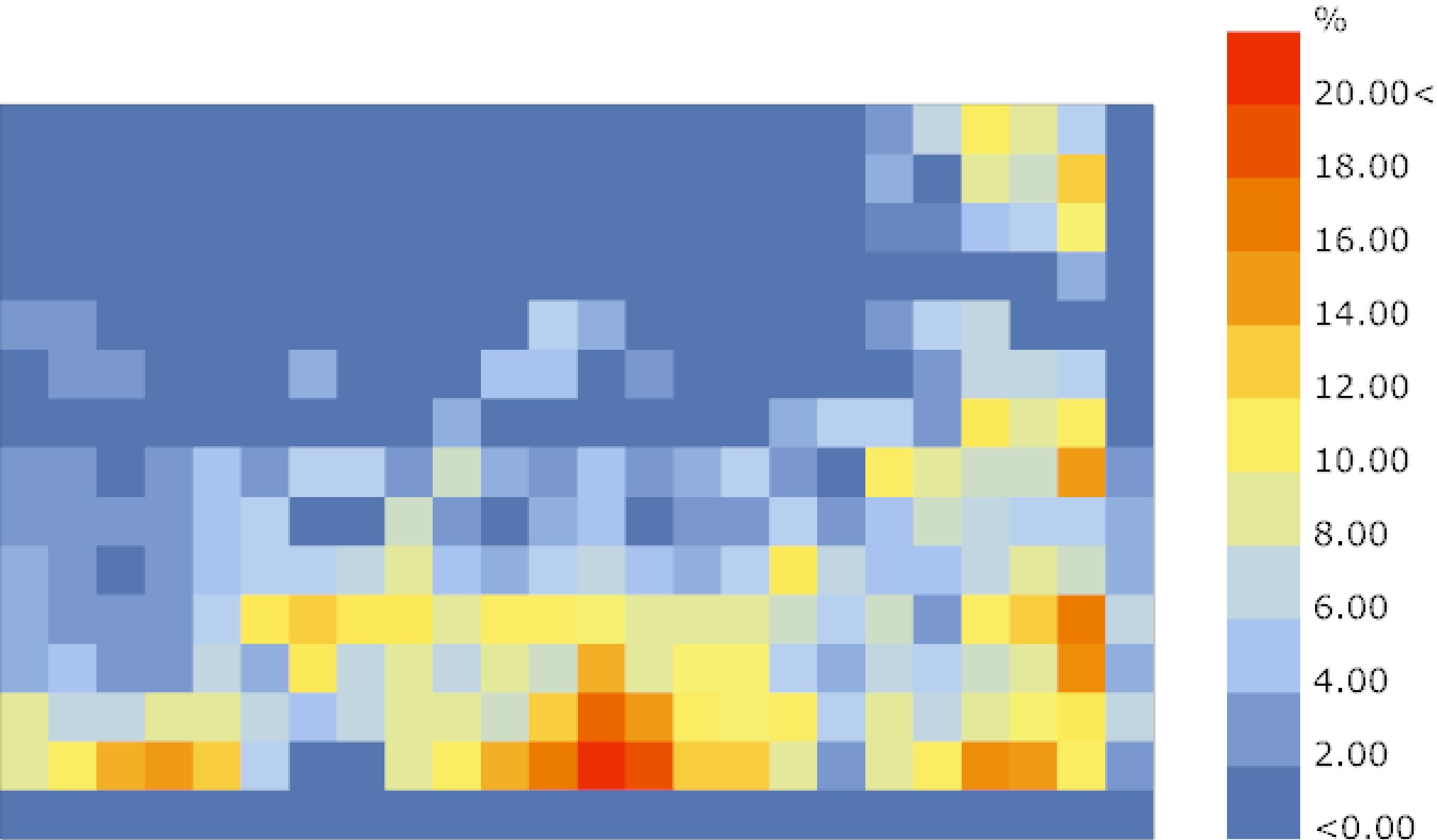
UDLI

UDLI 100-2000 (0.9 Glass + with Design)



UDLI

UDLI 100-2000 (0.1 Glass + without Design)



UDLI

While using the 0.9 glass, the room is much lighter comparing to the 0.2 glass.

Also, in the 9-point analysis, the room is quite dim since it use 100-4000 as the range. In the annual daylight analysis, the room seems provide better light.

After adding the design, in the 0.9-glass situation and the 0.2-glass situation , the analysis does not change a lot.

I should considering change the reflectivity of materials other than glass. Also, I may think of changing the window size.

To assess the design:

1. the 9 point analysis can evaluate the light condition at the certain time. This can help me re-arrange the furniture according to my life schedule.
2. the annual daylight analysis can evaluate the comprehensive light distribution in the room.
3. image-based glare analysis will be helpful particularly for certain spot during certain time period.