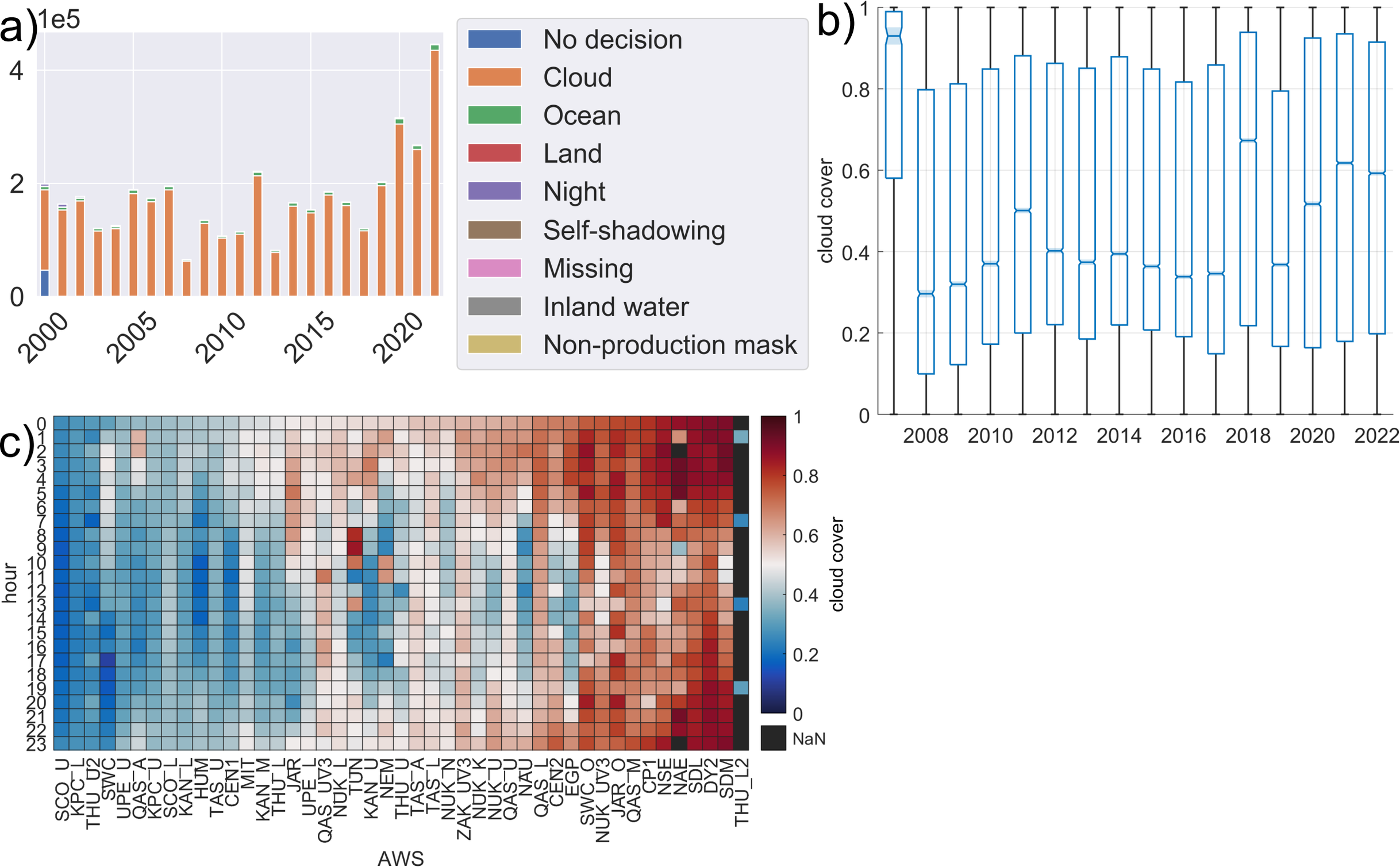
a)
1e5
4
2
0
2000
2005
2010
2015
2020
No decision
Cloud
Ocean
Land
Night
Self-shadowing
Missing
Inland water
Non-production mask
b)
cloud cover
1
0.8
0.6
0.4
0.2
0
2008
2010
2012
2014
2016
2018
2020
2022
c)
hour
0
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
SCO_U
KPC_L
THU_U2
SWC
UPE_U
QAS_A
KPC_U
SCO_L
KAN_L
HUM
TAS_U
CEN1
MIT
KAN_M
THU_L
JAR
UPE_L
QAS_UV3
NUK_L
TUN
KAN_U
NEM
THU_U
TAS_A
TAS_L
NUK_N
ZAK_UV3
NUK_K
NUK_U
QAS_U
NAU
QAS_L
CEN2
EGP
SWC_O
NUK_UV3
JAR_O
QAS_M
CP1
NSE
NAE
SDL
DY2
SDM
THU_L2
AWS
1
0.8
0.6
0.4
0.2
0
NaN
cloud cover