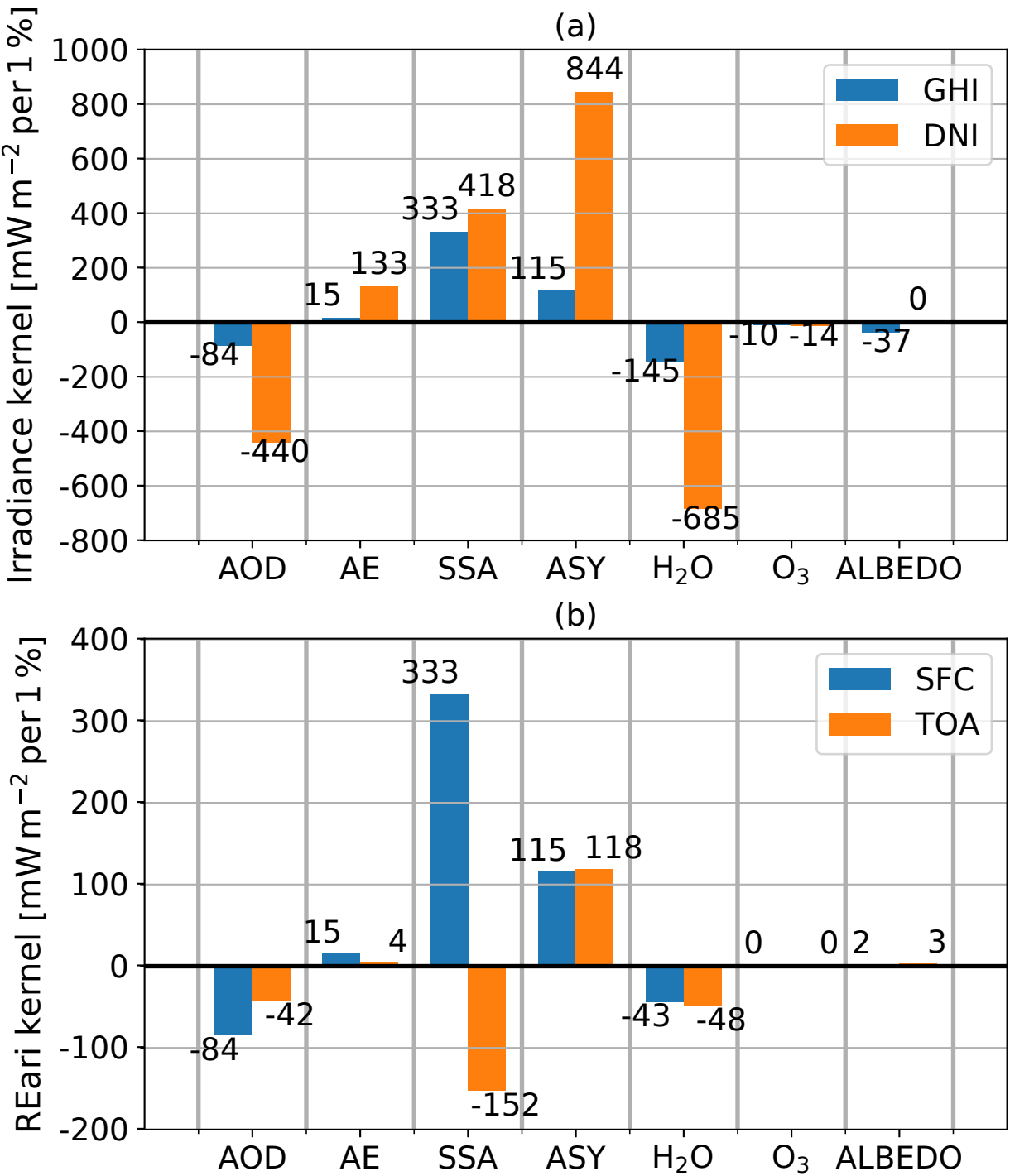
(a)
Irradiance kernel [mW m^{-2} per 1 %]
1000
800
600
400
200
0
-200
-400
-600
-800
GHI
DNI
-84
-440
15
133
333
418
115
844
-145
-685
-10
-14
-37
0
AOD
AE
SSA
ASY
H_2O
O_3
ALBEDO
(b)
REari kernel [mW m^{-2} per 1 %]
400
300
200
100
0
-100
-200
SFC
TOA
-84
-42
15
4
333
-152
115
118
-43
-48
0
0
2
3
AOD
AE
SSA
ASY
H_2O
O_3
ALBEDO