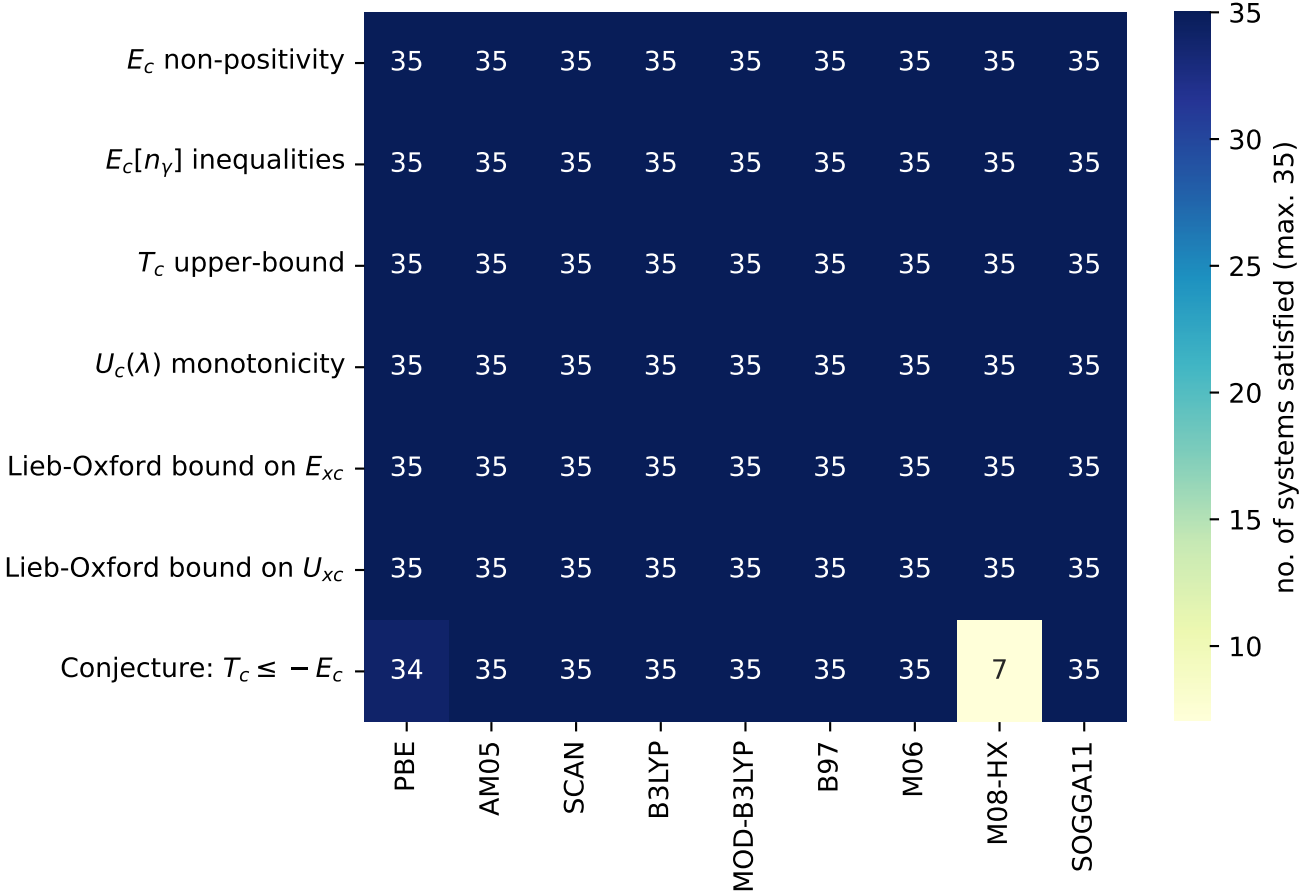
E_c non-positivity
$E_c[n_\gamma]$ inequalities
T_c upper-bound
$U_c(\lambda)$ monotonicity
Lieb-Oxford bound on E_{xc}
Lieb-Oxford bound on U_{xc}
Conjecture: $T_c \leq -E_c$
PBE
AM05
SCAN
B3LYP
MOD-B3LYP
B97
M06
M08-HX
SOGGA11
no. of systems satisfied (max. 35)
35
30
25
20
15
10