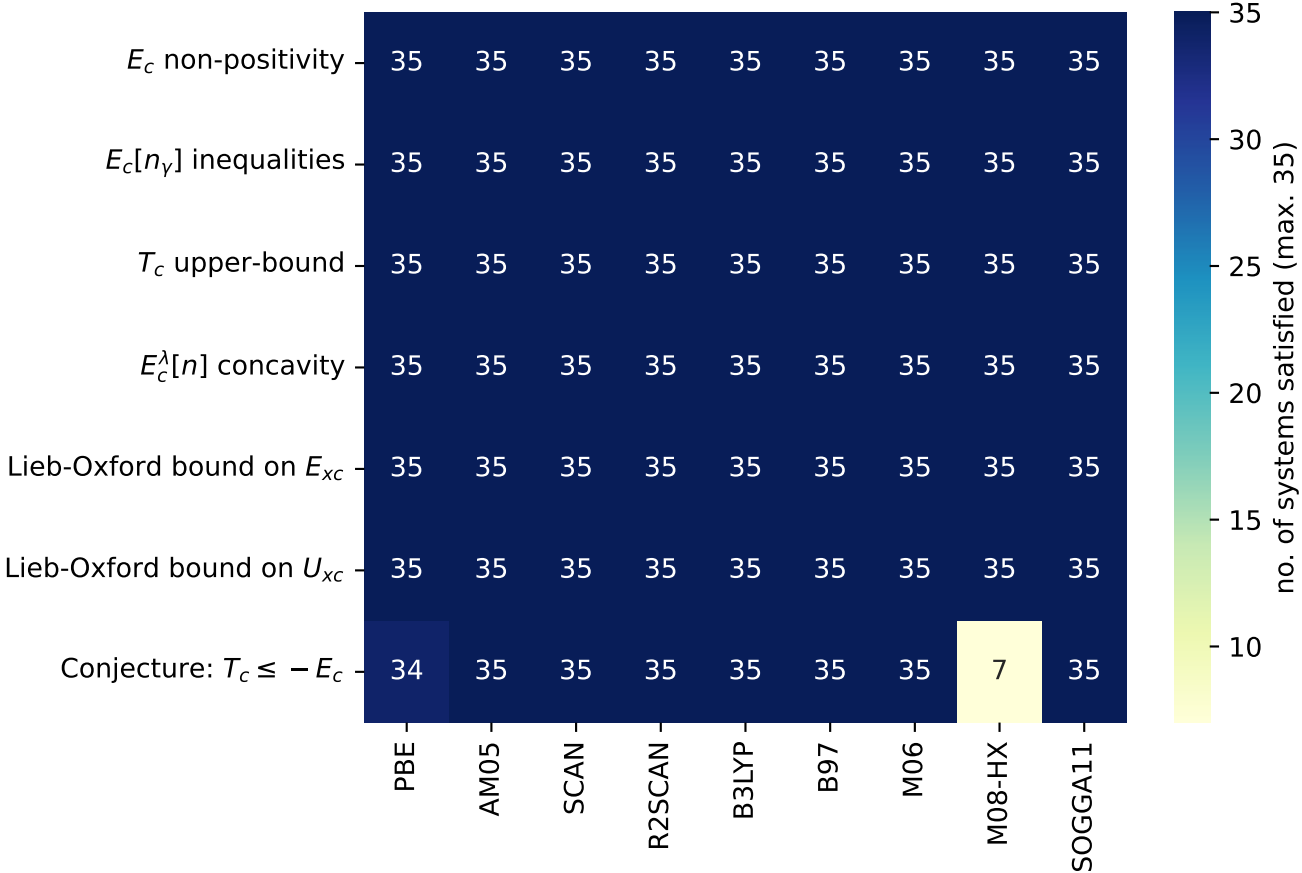
E_c non-positivity
$E_c[n_\gamma]$ inequalities
T_c upper-bound
$E_c^\lambda[n]$ concavity
Lieb-Oxford bound on E_{xc}
Lieb-Oxford bound on U_{xc}
Conjecture: $T_c \leq -E_c$
PBE
AM05
SCAN
R2SCAN
B3LYP
B97
M06
M08-HX
SOGGA11
35 35 35 35 35 35 35 35 35
35 35 35 35 35 35 35 35 35
35 35 35 35 35 35 35 35 35
35 35 35 35 35 35 35 35 35
35 35 35 35 35 35 35 35 35
35 35 35 35 35 35 35 35 35
34 35 35 35 35 35 35 7 35
no. of systems satisfied (max. 35)
35
30
25
20
15
10