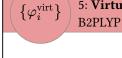
Chemical accuracy

5: Virtual Double-Hybrids

4: Occupied Hybrid Methods

1: Local Density Approx. (LDA)



 $\{\varphi_i^{\rm occ}\}$

 $\rho(\boldsymbol{r})$

B3LYP, CAM-B3LYP, M06-2X

$$egin{pmatrix}
abla^2
ho(m{r}) & ext{3: Meta-GGA} \\
abla(\mathbf{r}/\mathbf{r}^2) ext{SCAN}
onumber \end{bmatrix}$$

abla
ho(r) 2: Generalized Gradient Approx. (GGA)

PBE, BLYP

VWN. GPW92

0: Hartree World