

# Supplementary information to: “A variational linear-scaling framework to build practical, efficient next-generation orbital-based quantum force fields”

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Table 1: Parameters

Parameter	H	O
$M_{sp}^{(1)}$	...	-1.0
$M_{pp}^{(2)}$	...	4.1
$s$	1.35	23.2
$\zeta_a(0)$	200.0	2.6
$h$	0.0	0.0
$\alpha_a(0)$	0.1	0.1
$f$	0.0	0.0

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