I. VERIFICATION OF THE FCIQMC CODE

Wigner-Seitz radius	$N_{orbitals}$	N_W	E_P (Our results)	Error	E_P (Shepherd *Et. Al.)*	Error
$r_s = 0.5$	114	100e3	-0.07399	±3e-5		
		400e3	-0.07386	±1e-5		
		800e3	-0.073845	±6e-6		
		1600e3	-0.073842	±4e-6		
		-			-0.07384	±1.4e-5
	186	100e3	-0.07996	±3e-5		
		400e3	-0.07990	±1e-5		
		800e3	-0.07989	±1e-5		
		1600e3	-0.07986	±1e-5		
		-			-0.07984	±1.4e-5
	358	100e3	-0.08300	±5e-5		
		400e3	-0.08290	±7e-5		
		800e3	-0.08285	±2e-5		
		1600e3	-0.08284	±1e-5		
		-			-0.08281	±5.7e-5
$r_s = 1.0$	114	200e3	-0.06590	±4e-5		
		400e3	-0.06585	±2e-5		
		800e3	-0.06582	±2e-5		
		1600e3	-0.06583	±1e-5		
		-			-0.06587	±1.3e-5
	186	400e3	-0.07160	±3e-5		
		800e3	-0.07154	±2e-5		
		1600e3	-0.07153	±2e-5		
		3200e3	-0.07152	±1e-5		
		-			-0.07156	±1.2e-5
	358	800e3	-0.07419	±3e-5		
		1600e3	-0.07420	±2e-5		
		3200e3	-0.07413	±2e-5		
		6400e3	-0.07413	±1e-5		
		-			-0.07412	±1.4e-5
$r_s = 2.0$	114	200e3	-0.05471	±6e-5		
		600e3	-0.05460	±3e-5		
		1200e3	-0.05470	±3e-5		
		2400e3	-0.05480	±2e-5		
		4800e3	-0.05486	±1e-5		
		9600e3	-0.05487	±1e-5		
		-			-0.05489	±3e-5

TABLE I: FCIQMC results for 3D systems with 14 particles. My simulations are performed with an initiator threshold $N_I = 3$ and all energies are calculated using the projected estimator. The results are compared to FCIQMC results by Shepherd *Et. Al.* [J. Chem. Phys. 136 (2012)]. All energies are the correlation energy per particle in units of Rydberg.