

results of $t' = 0, U = 4$

February 9, 2015

Abstract

This report contains results of $t' = 0, U = 4, T = 0.5, 0.25, 0.125$ which are simulated at fixed $n = 0.3, 0.6, 0.8, 0.875, 1.0$.

1 Fitting table

1.1 T=0.5

Table 1: $G - \Gamma, G^{(0)} - \Gamma^{(0)}$ and $G^{(0)} - U$ series for $U = 4, T = 0.5$

n	1.0	0.875	0.8	0.6	0.3
E	-	-0.910(8)	-0.986(4)	-1.061(2)	-0.7946(3)
	-0.716(8)	-	-0.986(4)	-	-0.7946(5)
	-0.715(4)	-	-	-	-
K	-	-1.253(20)	-1.255(10)	-1.199(5)	-0.8270(8)
	-1.251(9)	-	-1.265(8)	-	-0.8270(5)
	-1.248(6)	-	-	-	-
n_d	-	0.086(10)	0.067(4)	0.035(1)	0.0080(2)
	0.134(5)	-	0.069(4)	-	0.0081(2)
	0.133(3)	-	-	-	-
μ	-	1.16(6)	0.73(4)	-0.36(2)	-2.043(3)
	2.0	-	0.74(2)	-	-2.043(2)
	2.0	-	-	-	-

1.2 T=0.25

Table 2: $G - \Gamma, G^{(0)} - \Gamma^{(0)}$ and $G^{(0)} - U$ series for $U = 4, T = 0.25$

n	1.0	0.875	0.8	0.6	0.3
E	-	-0.989(8)	-1.066(4)	-1.148(2)	-0.8574(7)
	-0.81(2)	-	-1.068(5)	-	-0.8570(6)
	-0.806(10)	-	-	-	-
K	-	-1.358(20)	-1.36(1)	-1.306(4)	-0.8933(10)
	-1.35(2)	-	-1.37(1)	-	-0.8935(9)
	-1.337(10)	-	-	-	-
n_d	-	0.092(8)	0.074(3)	0.039(1)	0.0090(3)
	0.135(10)	-	0.075(4)	-	0.0091(3)
	0.133(5)	-	-	-	-
μ	-	1.18(6)	0.80(4)	-0.22(1)	-1.944(4)
	2.0	-	0.83(2)	-	-1.944(4)
	2.0	-	-	-	-

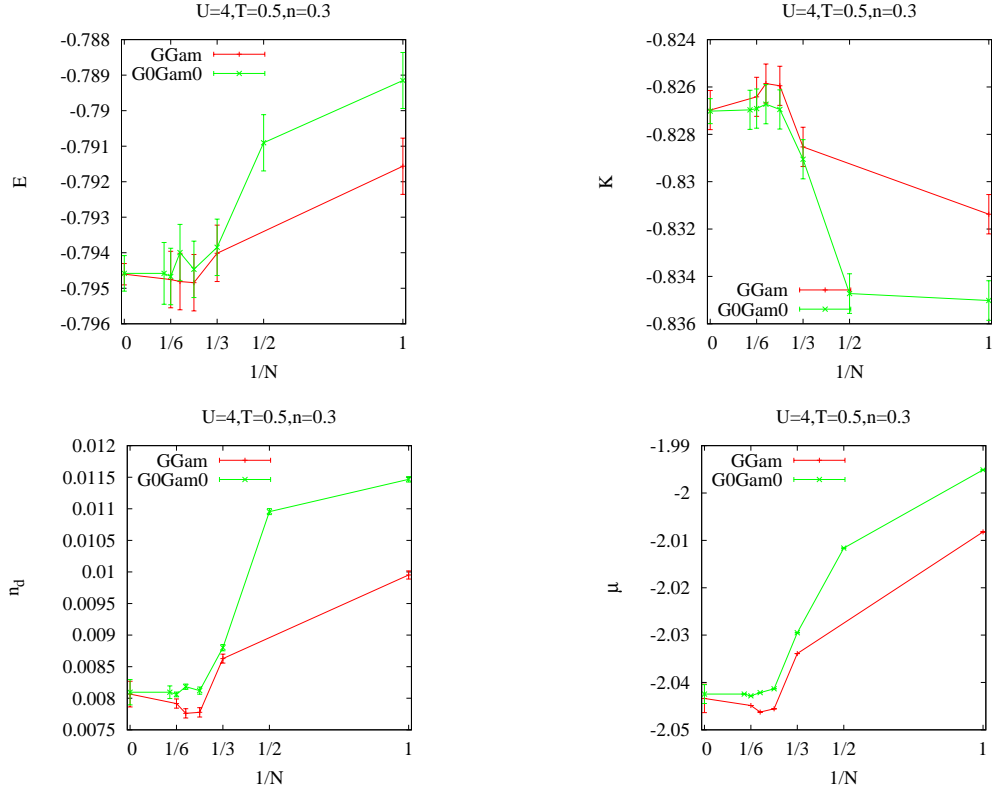
1.3 T=0.125

Table 3: $G - \Gamma, G^{(0)} - \Gamma^{(0)}$ and $G^{(0)} - U$ series for $U = 4, T = 0.125$

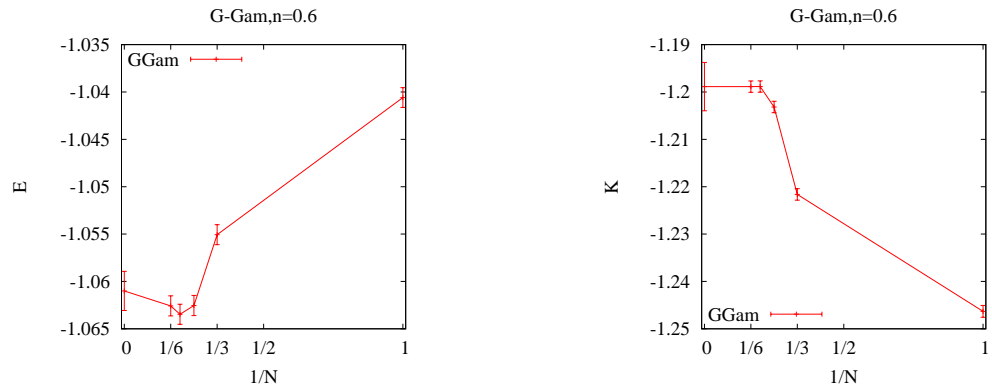
n	1.0	0.875	0.8	0.6	0.3
E	-	-1.015(8)	-1.096(4)	-1.175(3)	-0.8744(9)
	-	-	-	-	-0.874(1)
	-0.85(2)	-	-	-	-
K	-	-1.40(2)	-1.41(1)	-1.339(4)	-0.9112(10)
	-	-	-	-	-0.9113(10)
	-1.34(3)	-	-	-	-
n_d	-	0.097(6)	0.078(3)	0.041(1)	0.0092(3)
	-	-	-	-	0.0093(3)
	0.12(2)	-	-	-	-
μ	-	1.20(7)	0.83(4)	-0.169(8)	-1.924(4)
	-	-	-	-	-1.9423(4)
	2.0	-	-	-	-

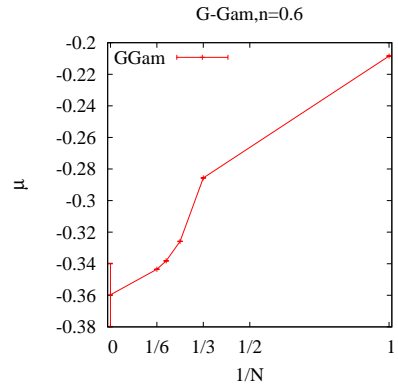
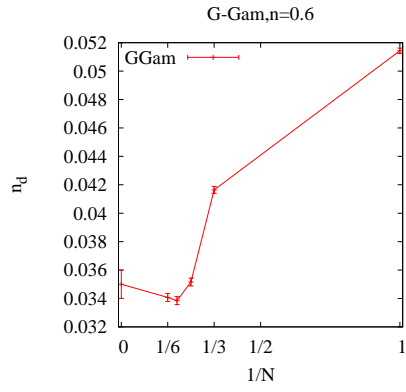
2 $T = 0.5$

2.1 $T = 0.5, n = 0.3$

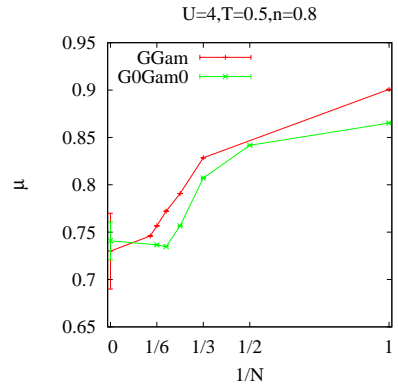
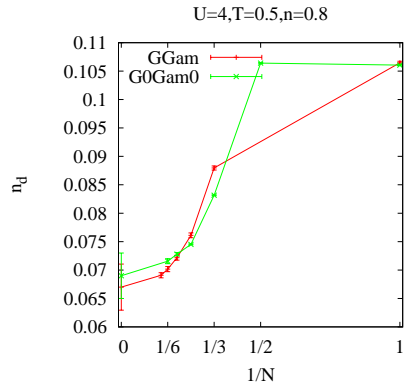
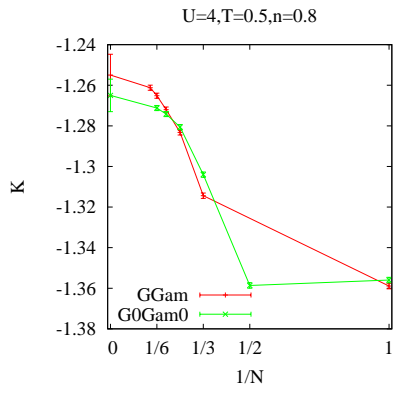
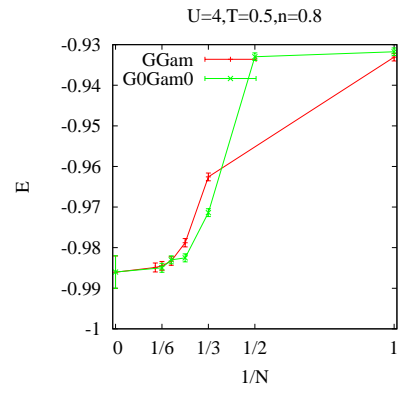


2.2 $T = 0.5, n = 0.6$

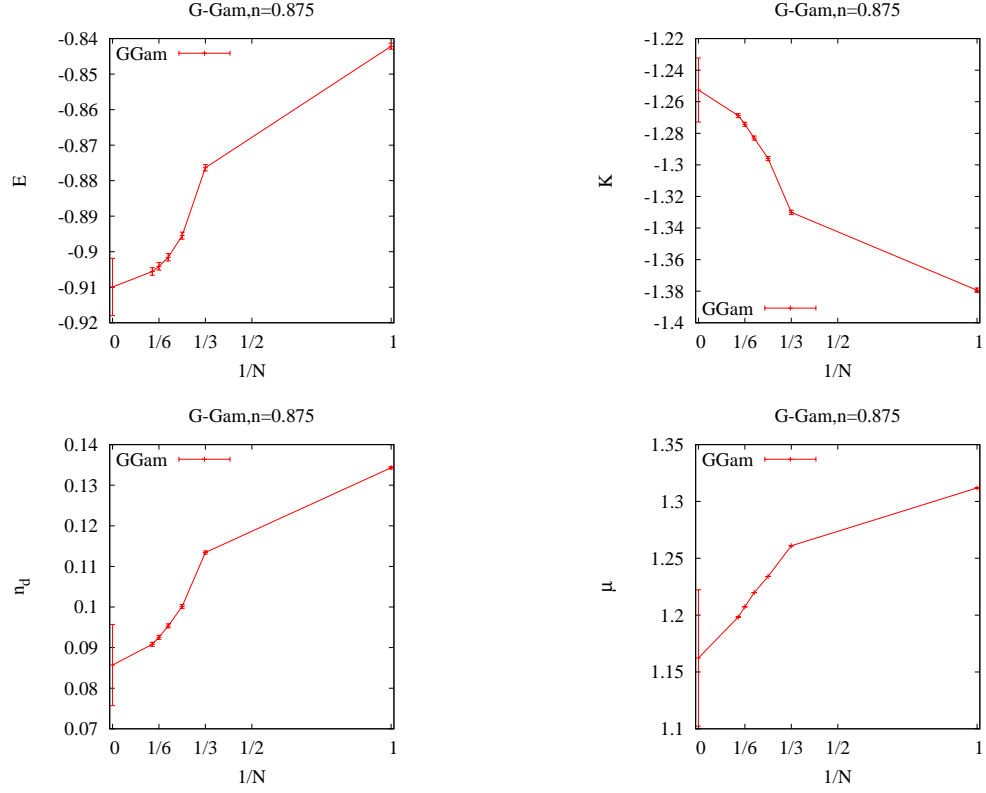




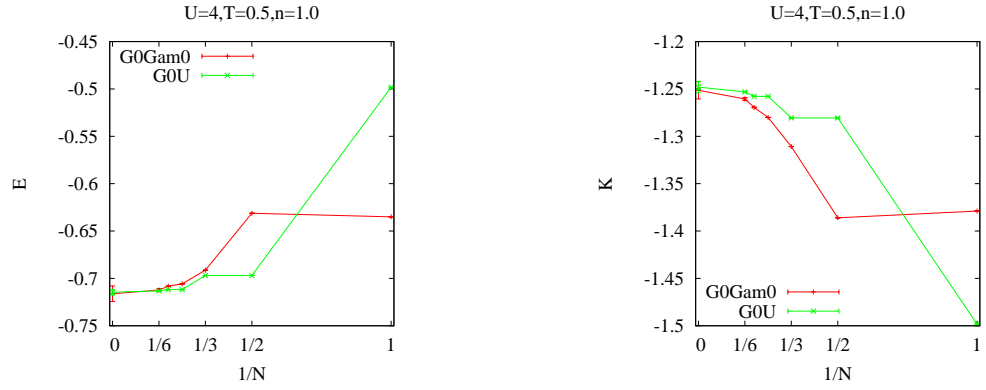
2.3 $T = 0.5, n = 0.8$

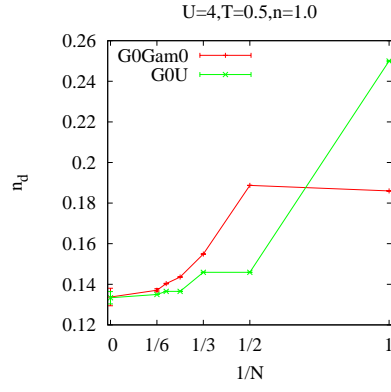


2.4 $T = 0.5, n = 0.875$



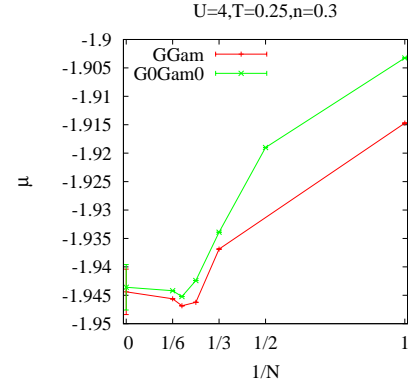
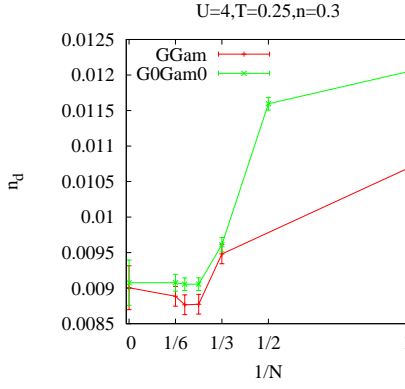
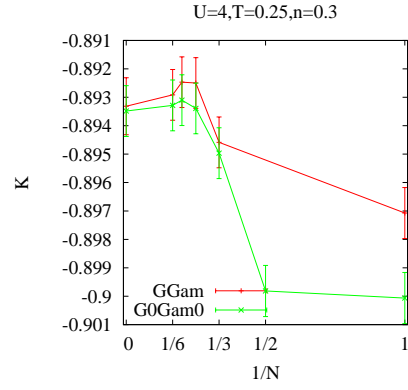
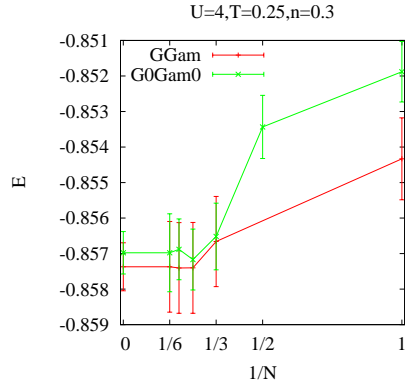
2.5 $T = 0.5, n = 1.0$



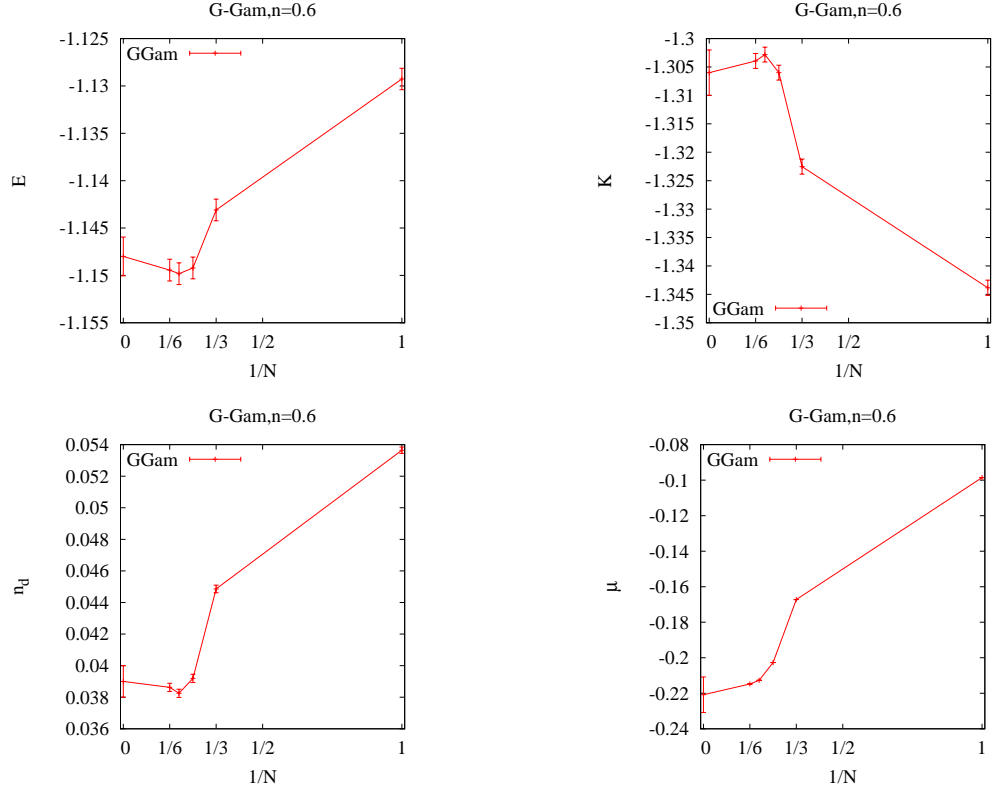


3 $T = 0.25$

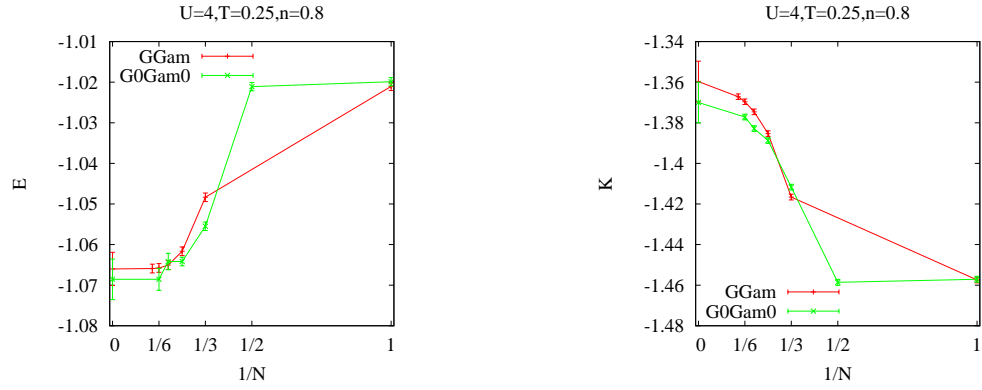
3.1 $T = 0.25, n = 0.3$

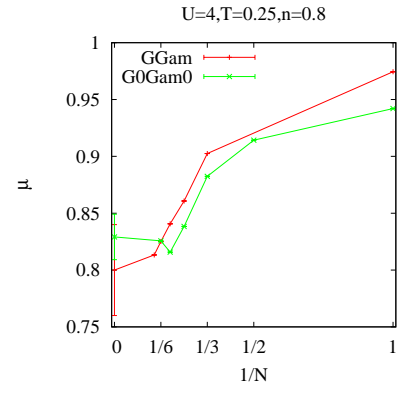
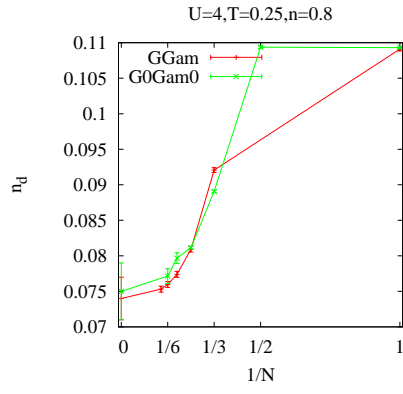


3.2 $T = 0.25, n = 0.6$

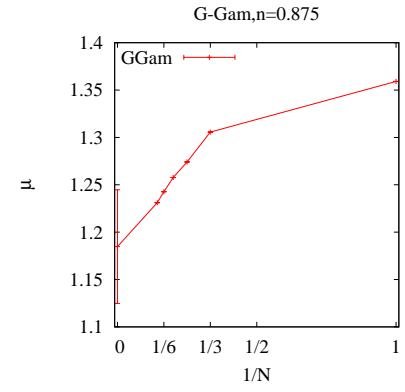
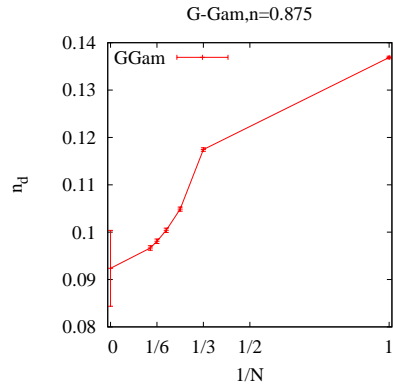
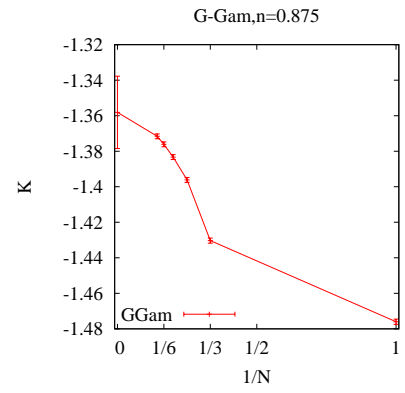
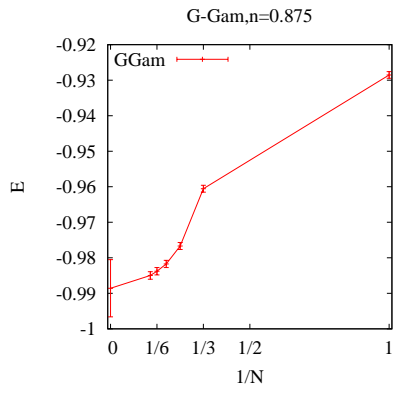


3.3 $T = 0.25, n = 0.8$

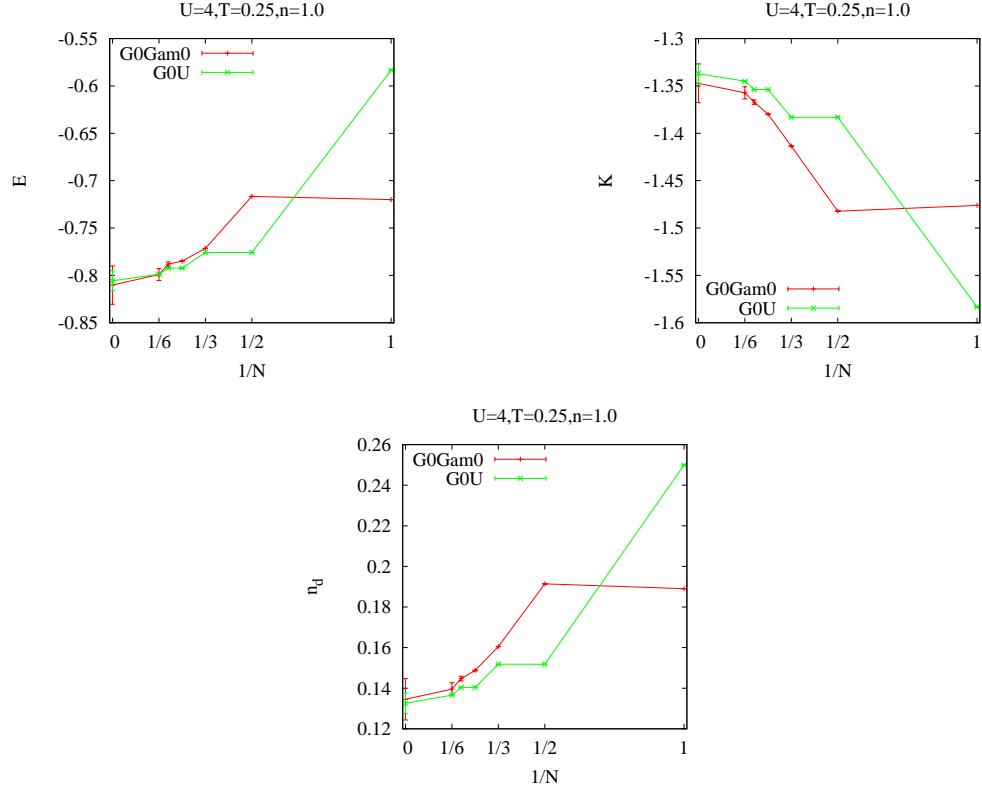




3.4 $T = 0.25, n = 0.875$

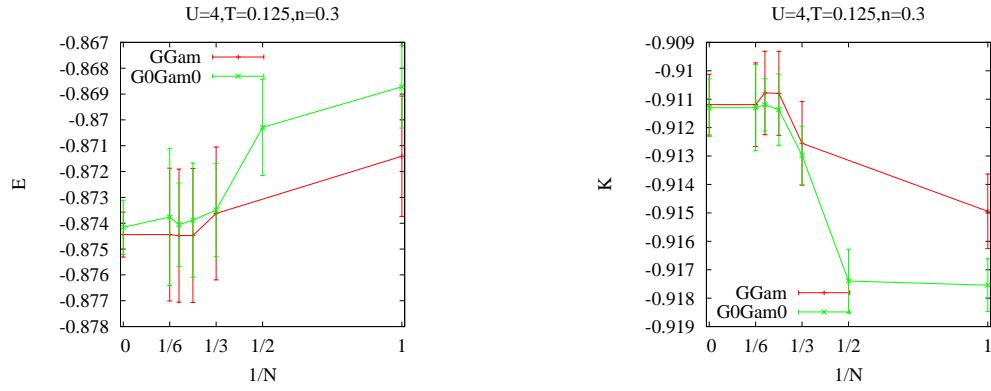


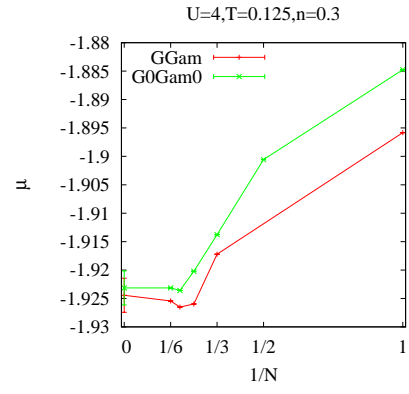
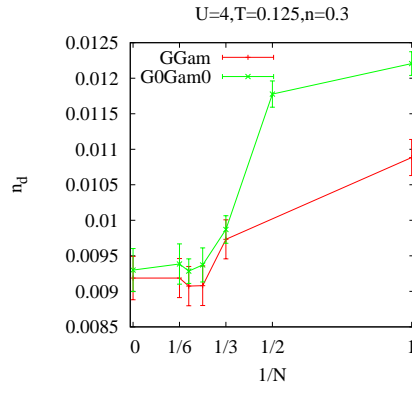
3.5 $T = 0.25, n = 1.0$



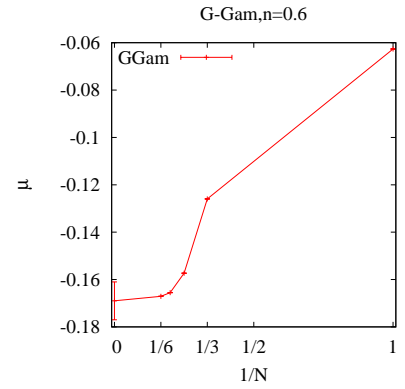
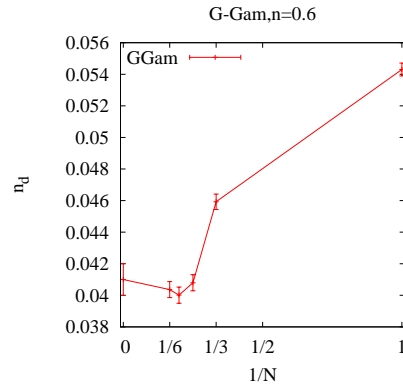
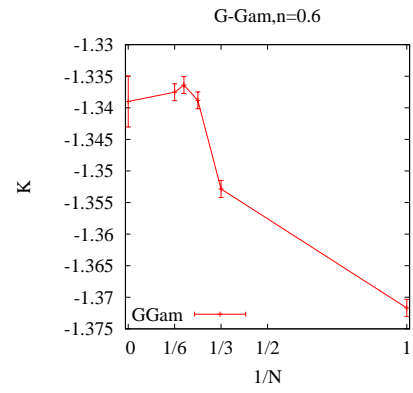
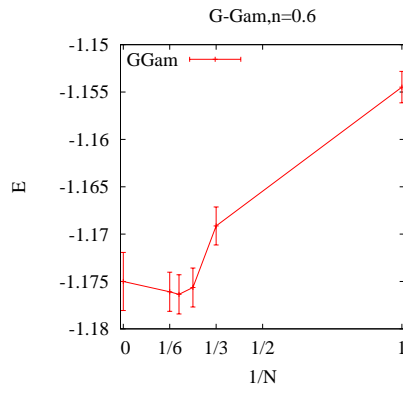
4 $T = 0.125$

4.1 $T = 0.125, n = 0.3$

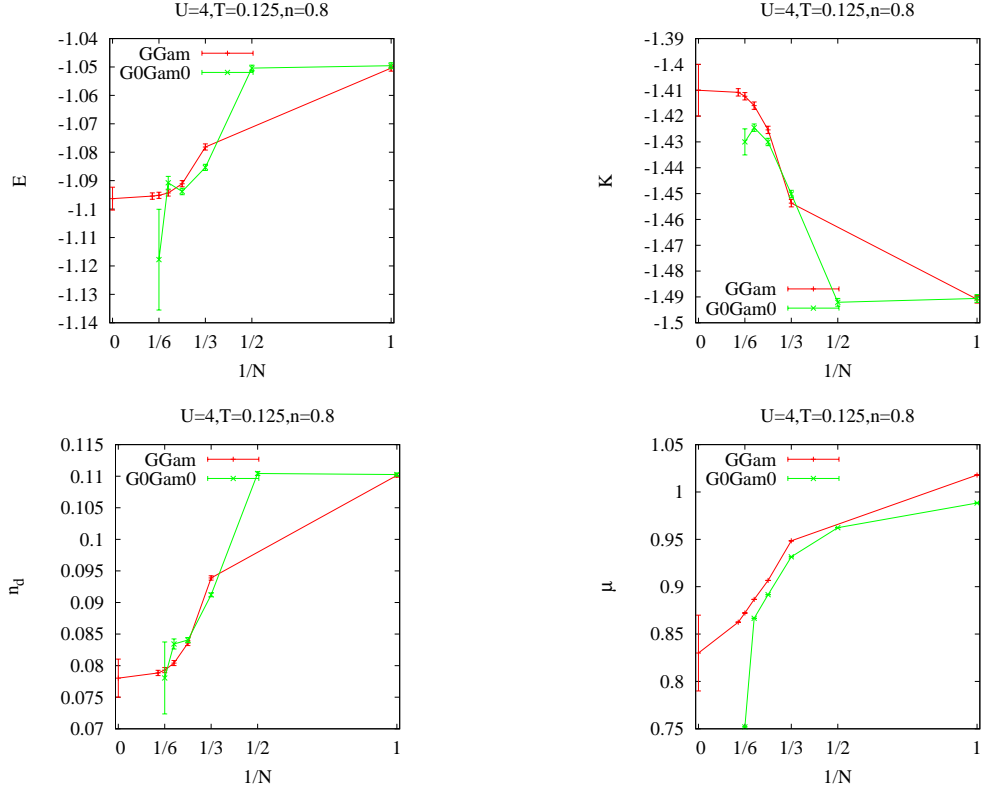




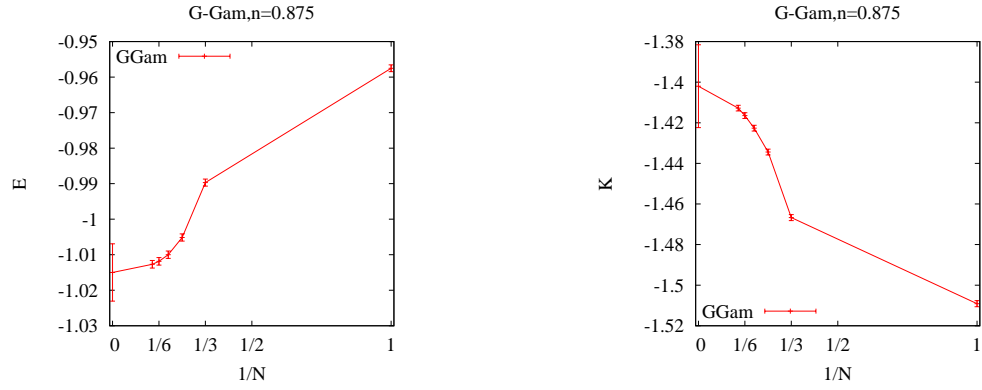
4.2 $T = 0.125, n = 0.6$

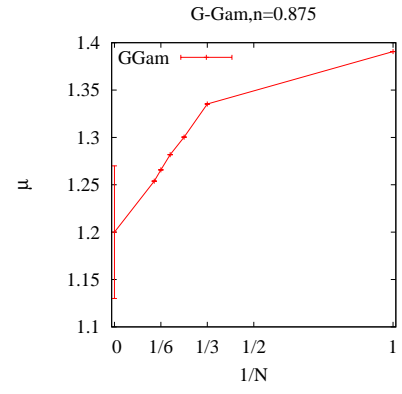
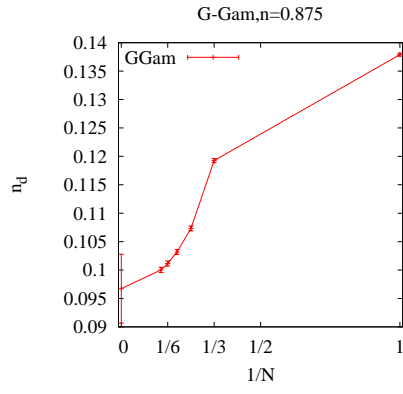


4.3 $T = 0.125, n = 0.8$



4.4 $T = 0.125, n = 0.875$





4.5 $T = 0.125, n = 1.0$

