Binder cumulant for $\lambda_x = 0, \lambda_y = 0, c_L = 0.2$
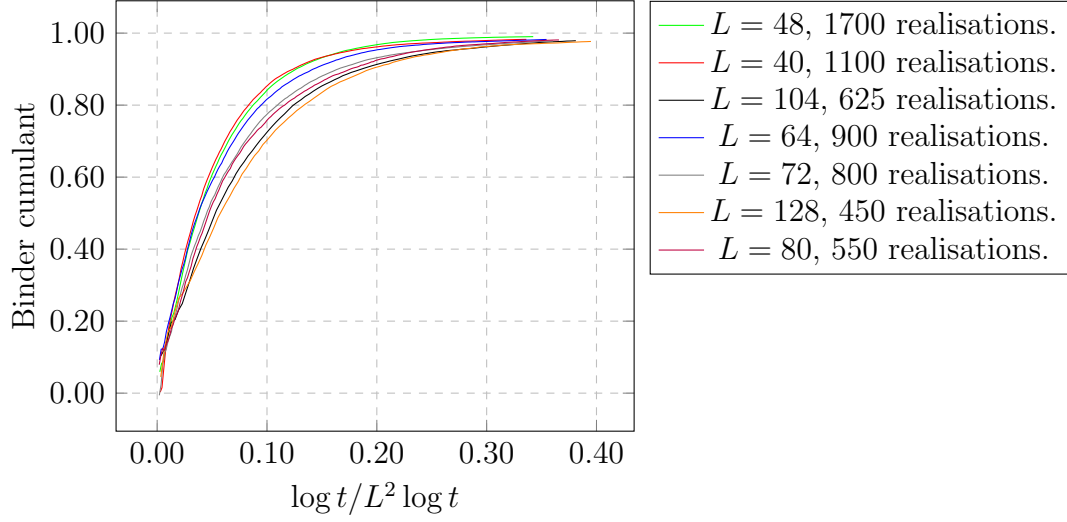

Binder cumulant vs $\log t / L^2 \log t$

Legend:
- $L = 48$, 1700 realisations.
- $L = 40$, 1100 realisations.
- $L = 104$, 625 realisations.
- $L = 64$, 900 realisations.
- $L = 72$, 800 realisations.
- $L = 128$, 450 realisations.
- $L = 80$, 550 realisations.

Binder cumulant for $\lambda_x = 0.2, \lambda_y = 0.2, c_L = 0.2$

Binder cumulant vs $\log t / L^2 \log t$

Legend:
- $L = 48$, 500 realisations.
- $L = 40$, 700 realisations.
- $L = 104$, 125 realisations.
- $L = 64$, 600 realisations.
- $L = 72$, 260 realisations.
- $L = 128$, 375 realisations.
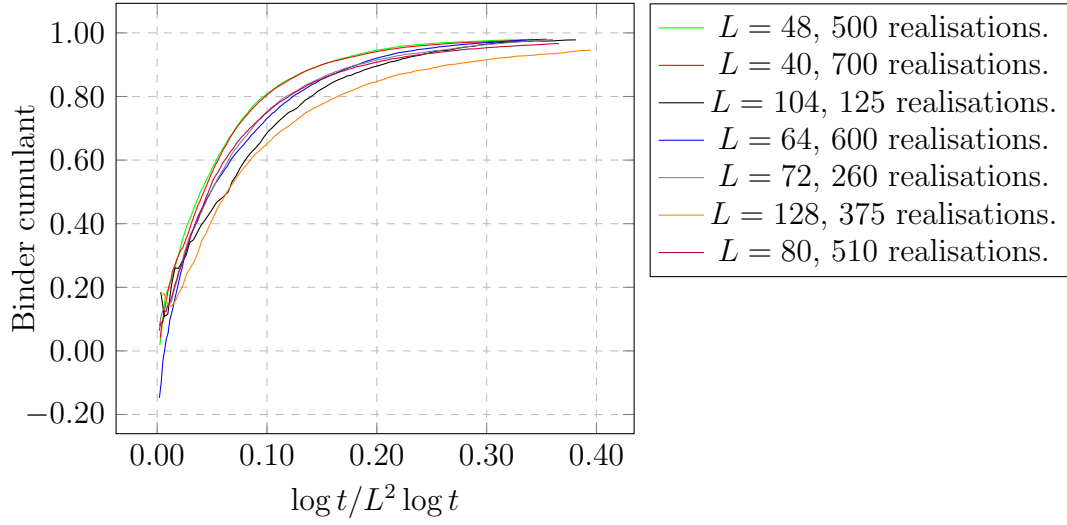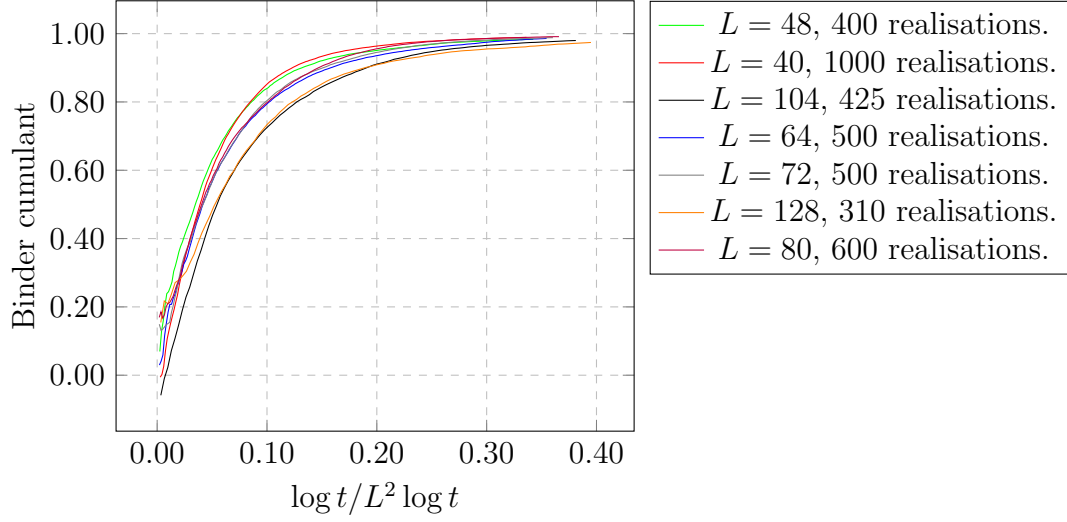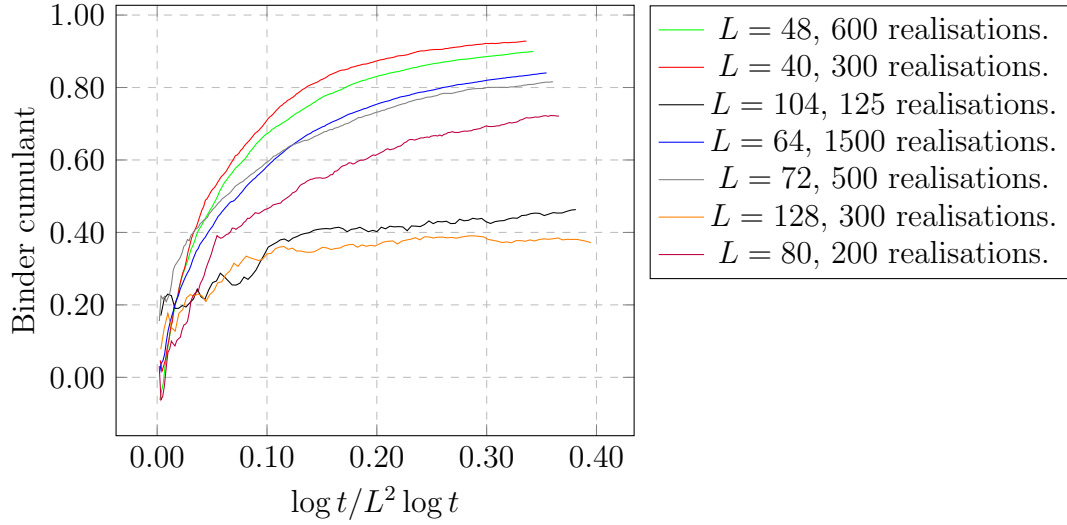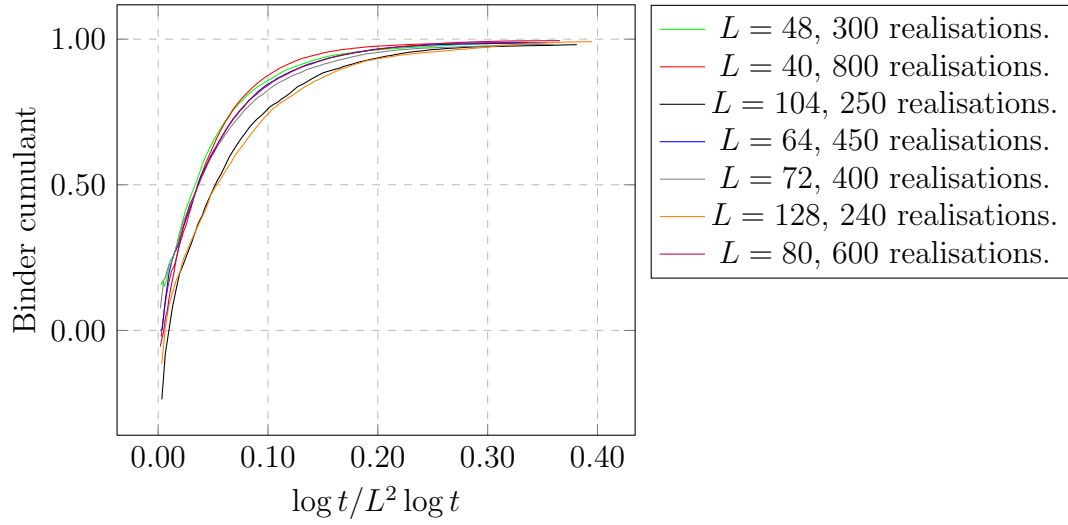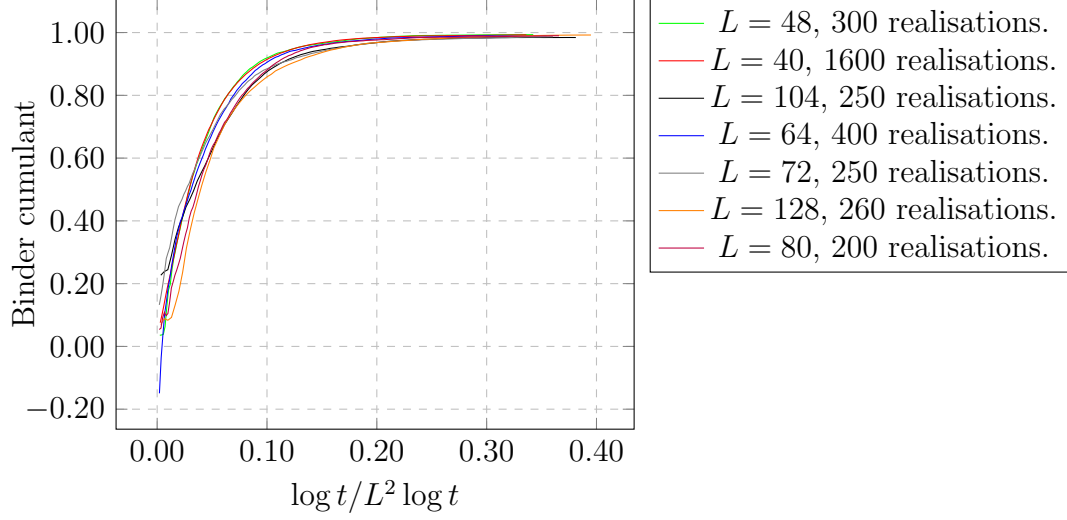- $L = 80$, 510 realisations.

Binder cumulant for $\lambda_x = 0.2, \lambda_y = -0.2, c_L = 0.2$

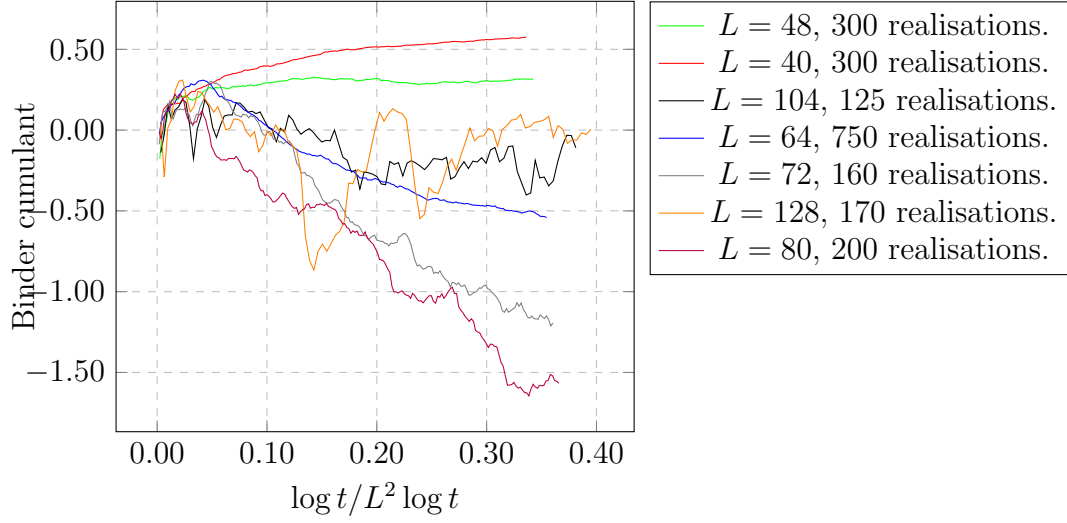Binder cumulant for $\lambda_x = 0.4, \lambda_y = 0.4, c_L = 0.2$

Binder cumulant for $\lambda_x = 0.4, \lambda_y = -0.4, c_L = 0.2$

Legend:
- $L = 48$, 300 realisations.
- $L = 40$, 800 realisations.
- $L = 104$, 250 realisations.
- $L = 64$, 450 realisations.
- $L = 72$, 400 realisations.
- $L = 128$, 240 realisations.
- $L = 80$, 600 realisations.

x-axis: $\log t / L^2 \log t$

y-axis: Binder cumulant

Binder cumulant for $\lambda_x = 0.6, \lambda_y = -0.6, c_L = 0.2$

- $L = 48$, 300 realisations.
- $L = 40$, 1600 realisations.
- $L = 104$, 250 realisations.
- $L = 64$, 400 realisations.
- $L = 72$, 250 realisations.
- $L = 128$, 260 realisations.
- $L = 80$, 200 realisations.

Binder cumulant for $\lambda_x = 0.6, \lambda_y = 0.6, c_L = 0.2$

- $L = 48$, 300 realisations.
- $L = 40$, 300 realisations.
- $L = 104$, 125 realisations.
- $L = 64$, 750 realisations.
- $L = 72$, 160 realisations.
- $L = 128$, 170 realisations.
- $L = 80$, 200 realisations.

Binder cumulant for $\lambda_x = 0.8, \lambda_y = 0.8, c_L = 0.2$

—— $L = 48$, 300 realisations.
—— $L = 40$, 300 realisations.
—— $L = 104$, 125 realisations.
—— $L = 64$, 350 realisations.
—— $L = 72$, 200 realisations.
—— $L = 128$, 140 realisations.
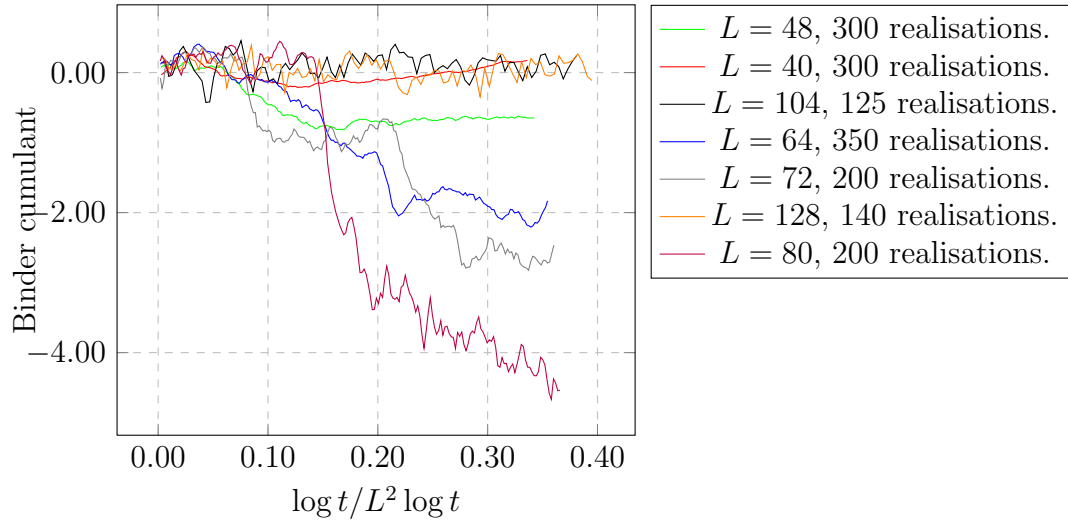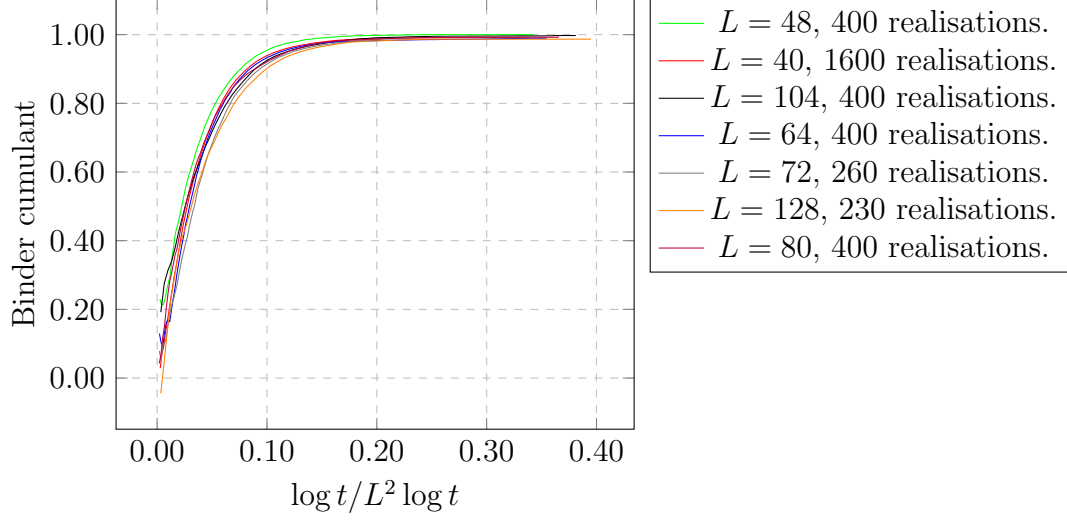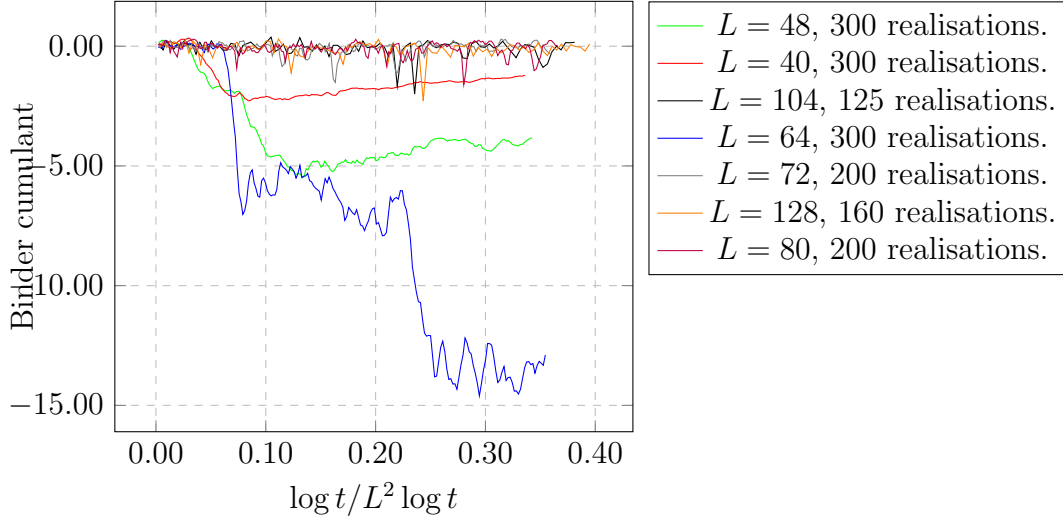—— $L = 80$, 200 realisations.
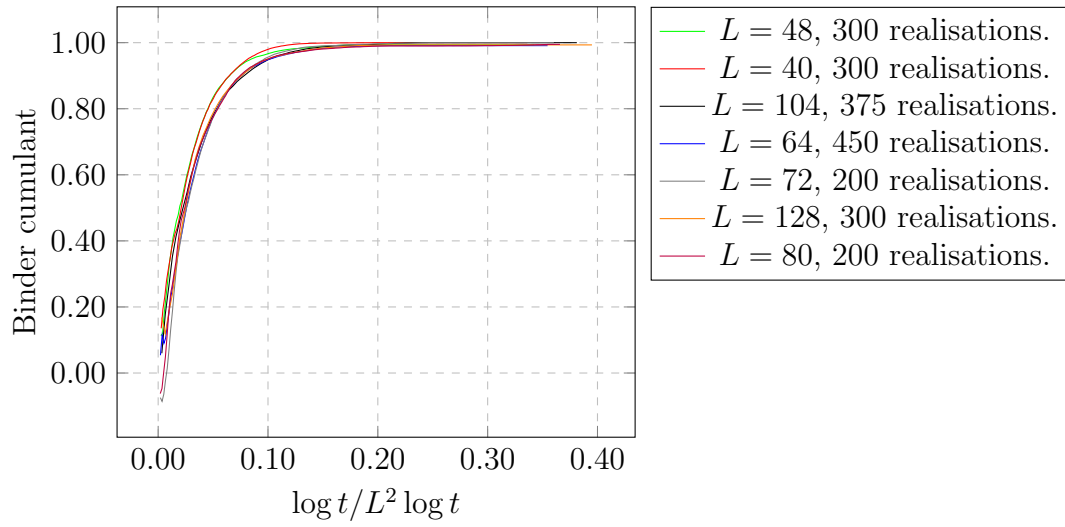
$\log t/L^2 \log t$

Binder cumulant

Binder cumulant for $\lambda_x = 0.8, \lambda_y = -0.8, c_L = 0.2$

Binder cumulant for $\lambda_x = 1, \lambda_y = 1, c_L = 0.2$

Binder cumulant for $\lambda_x = 1, \lambda_y = -1, c_L = 0.2$

Legend:
- $L = 48$, 300 realisations.
- $L = 40$, 300 realisations.
- $L = 104$, 375 realisations.
- $L = 64$, 450 realisations.
- $L = 72$, 200 realisations.
- $L = 128$, 300 realisations.
- $L = 80$, 200 realisations.

y-axis: Binder cumulant

x-axis: $\log t / L^2 \log t$

Binder cumulant for $\lambda_x = 1.5, \lambda_y = -1.5, c_L = 0.2$