**Citation**
Davies, T. and Baddeley, A. 2017. Fast computation of spatially adaptive kernel estimates. Statistics and Computing: pp. 1-20. http://doi.org/10.1007/s11222-017-9772-4

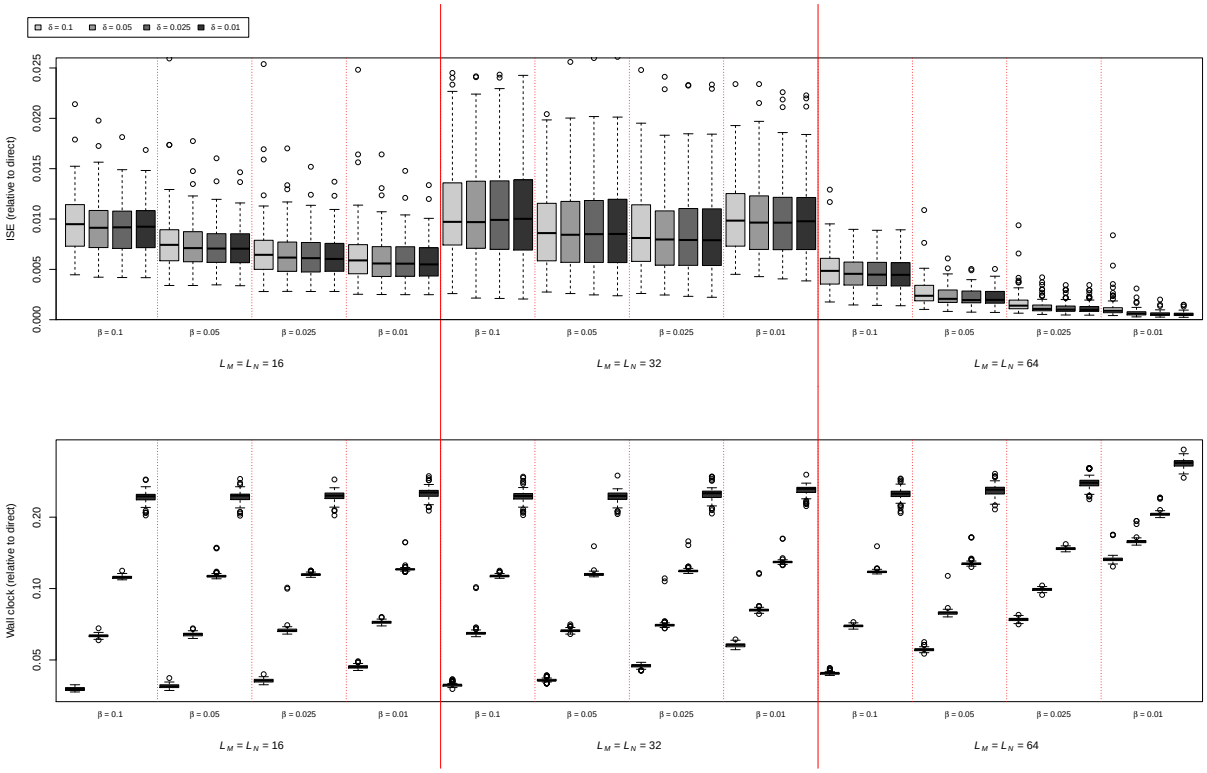
# Supplementary Material for "Fast computation of spatially adaptive kernel estimates" – Partition Accuracy Simulation Results

Tilman M. Davies and Adrian Baddeley

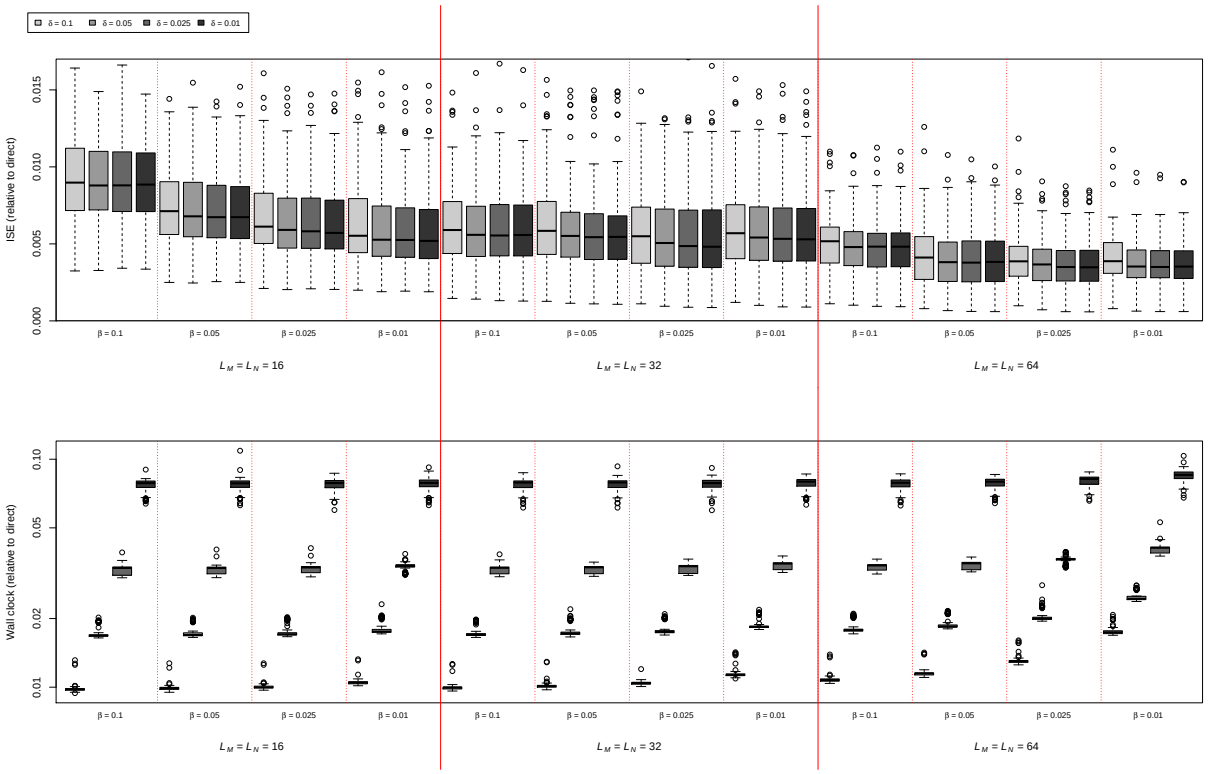
May 15, 2017

Supplementary figures (**Supp. Fig.**) 1-6 are Case 1; 7-12 are Case 2; 13-18 are Case 3; 19-24 are Case 4.

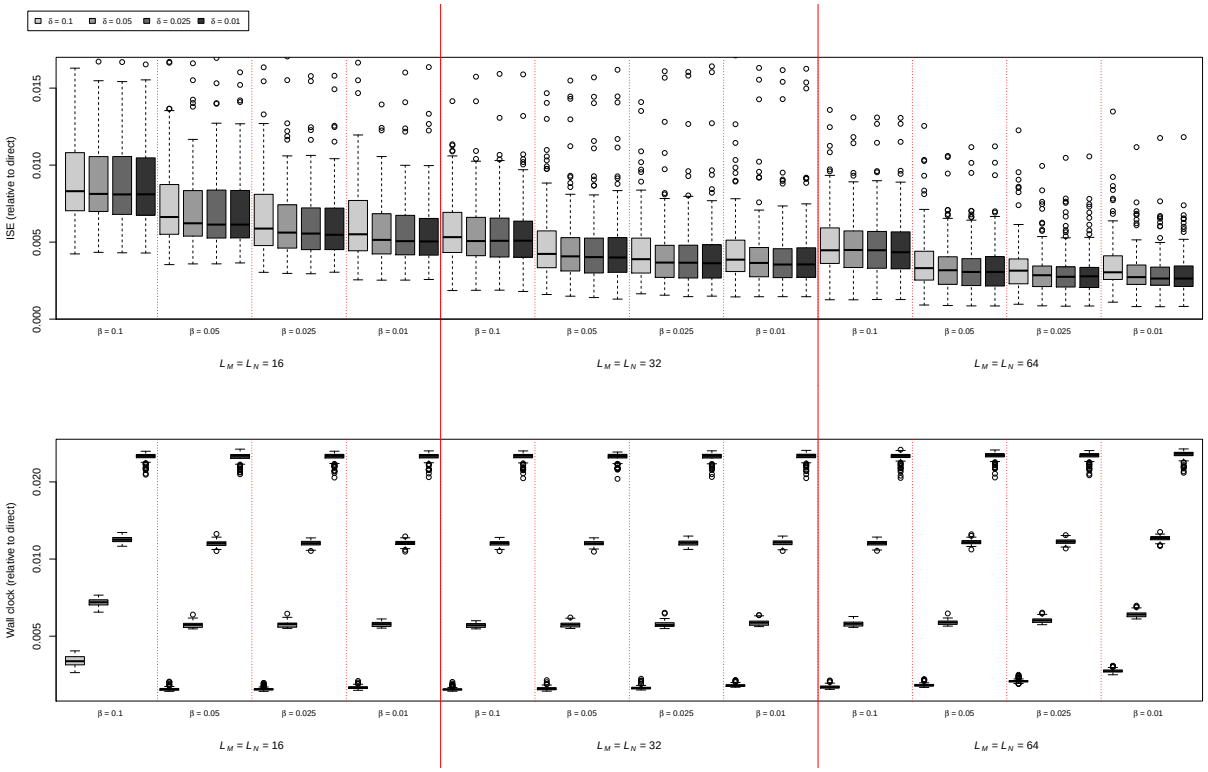
## CASE 1



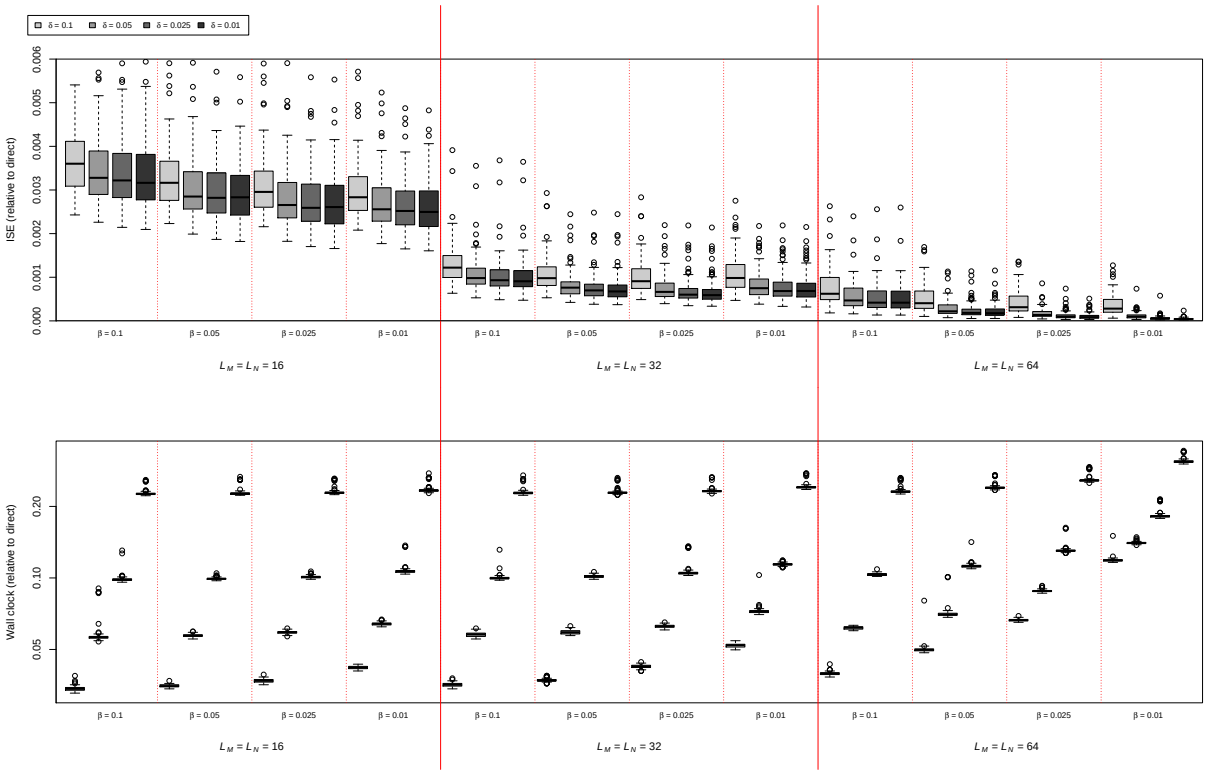

**Supp. Fig. 1:** $\mu = \mathbf{100}, MN = \mathbf{64^2}$



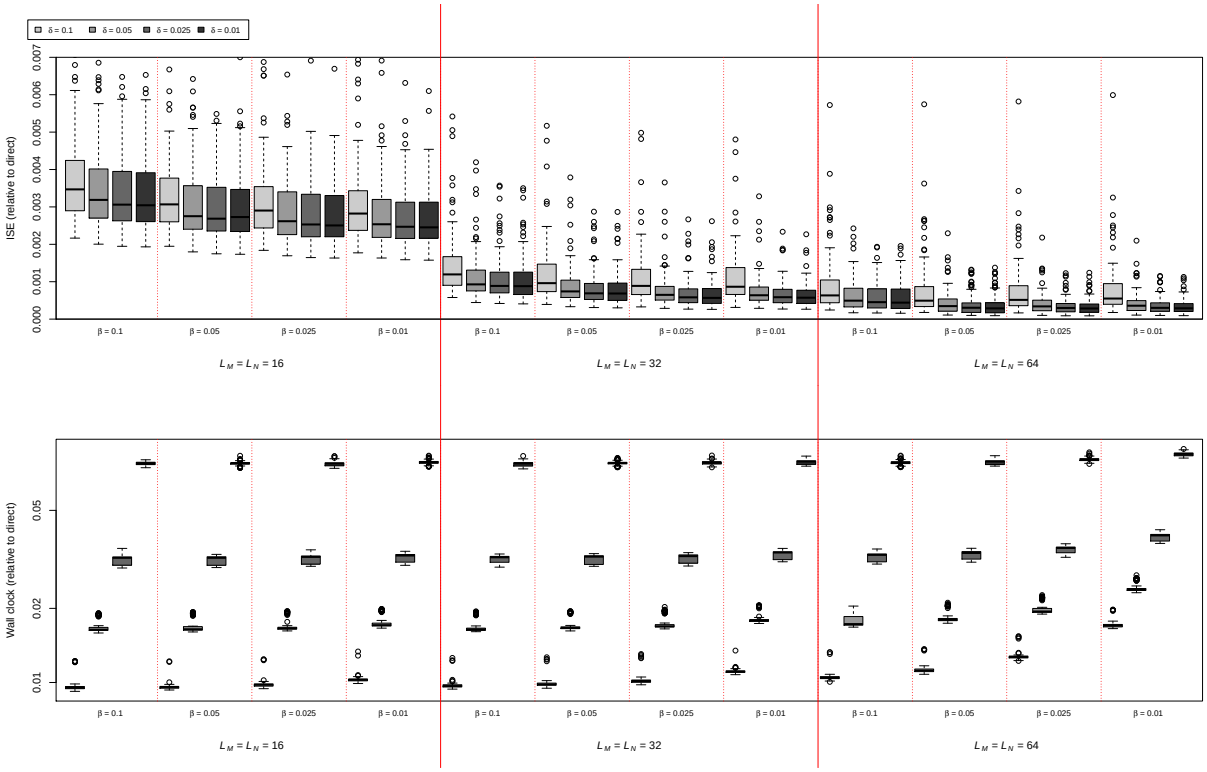

**Supp. Fig. 2:** $\mu = 100, MN = 128^2$



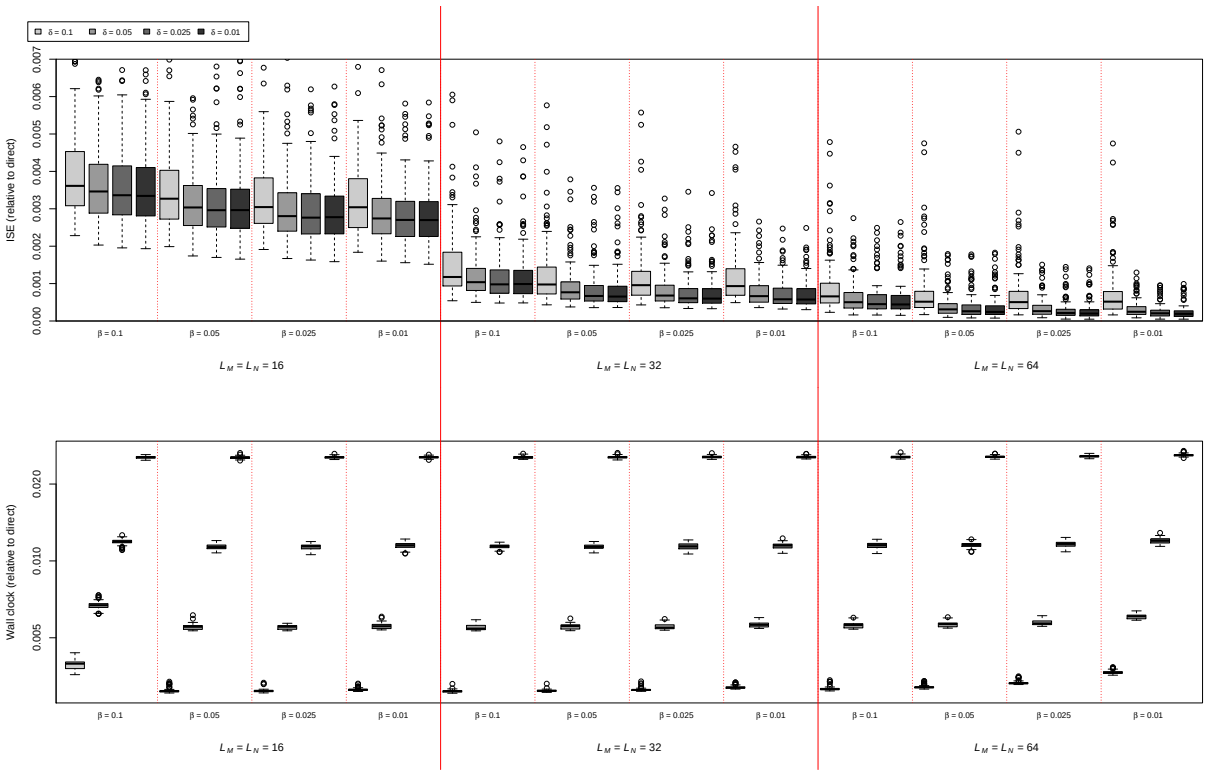

**Supp. Fig. 3:** $\mu = 100, MN = 256^2$




**Supp. Fig. 4:** $\mu = 1000, MN = 64^2$

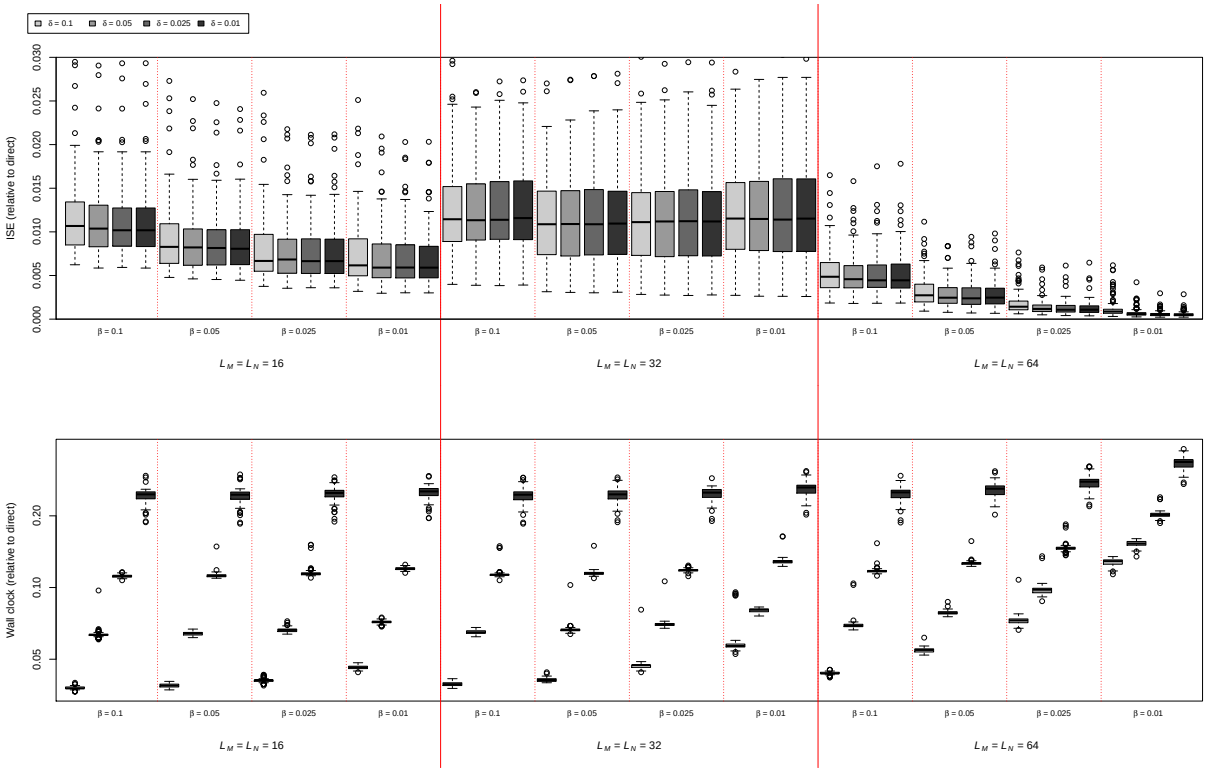



**Supp. Fig. 5:** $\mu = 1000, MN = 128^2$

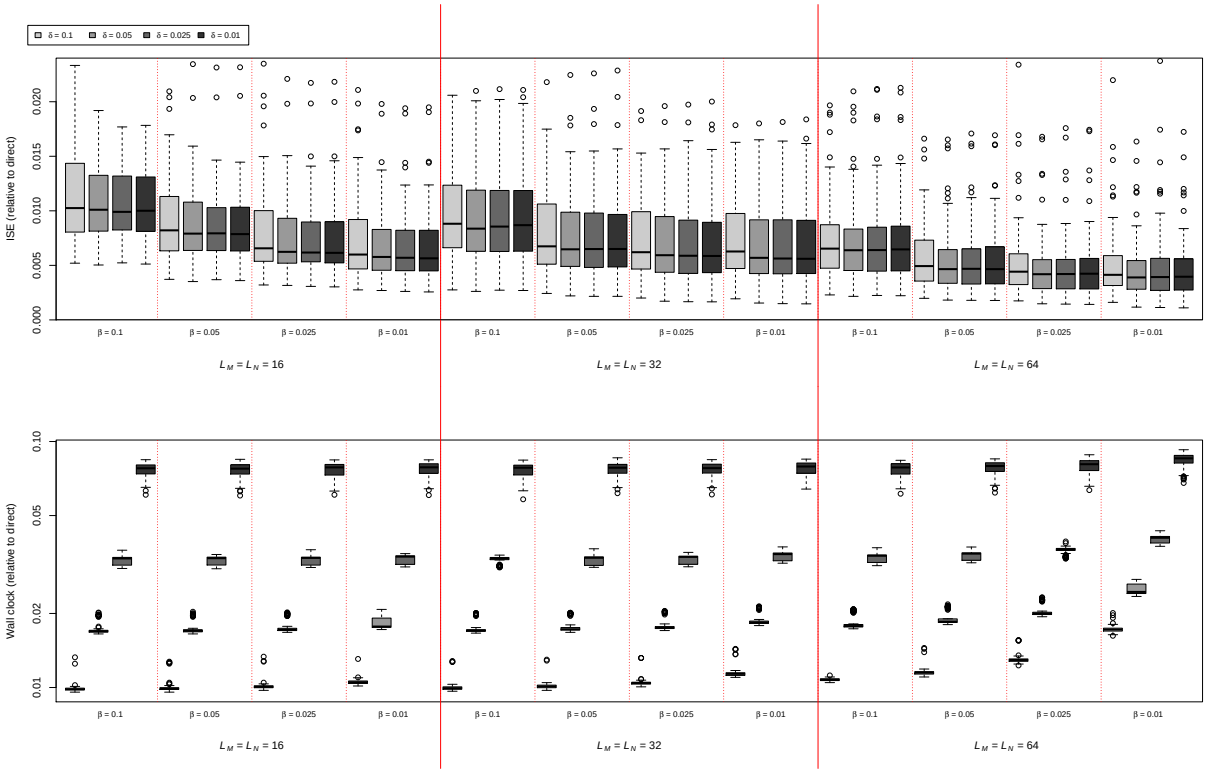



**Supp. Fig. 6:** $\mu = 1000, MN = 256^2$

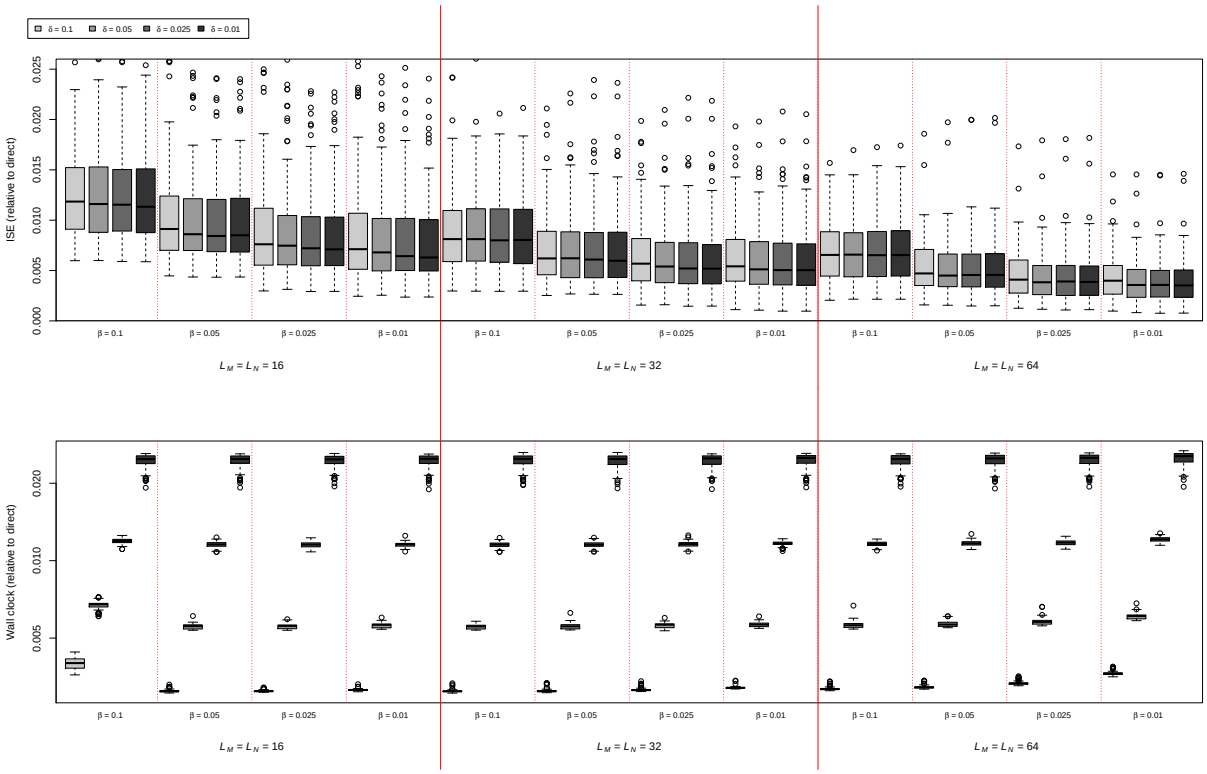
# CASE 2



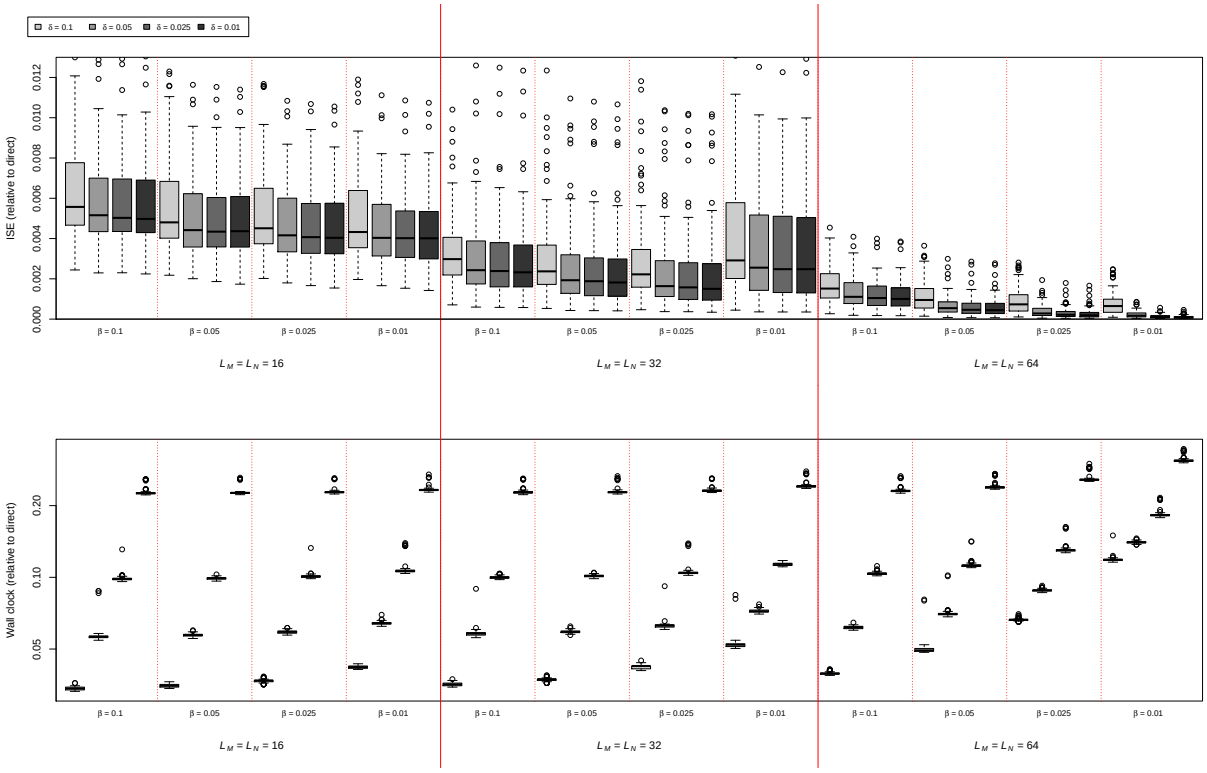

**Supp. Fig. 7:** $\mu = 100, MN = 64^2$



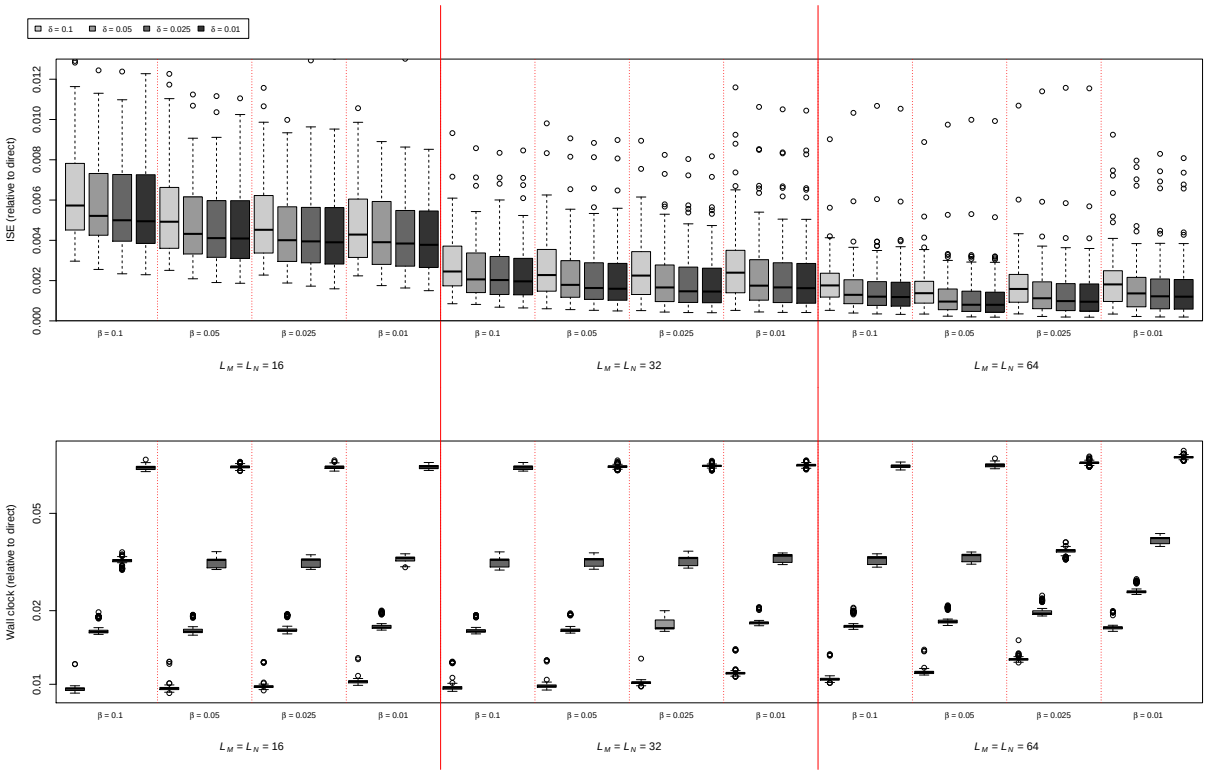

**Supp. Fig. 8:** $\mu = 100, MN = 128^2$



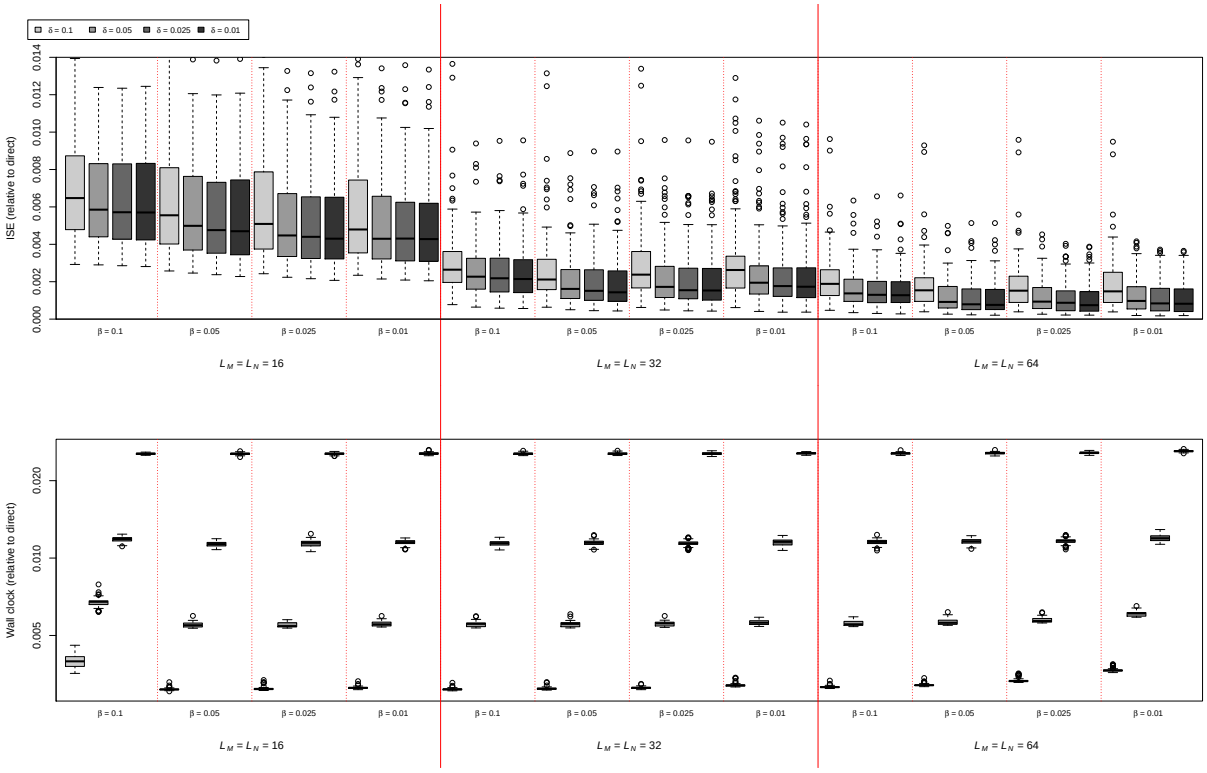

**Supp. Fig. 9:** $\mu = 100, MN = 256^2$




**Supp. Fig. 10:** $\mu = 1000, MN = 64^2$

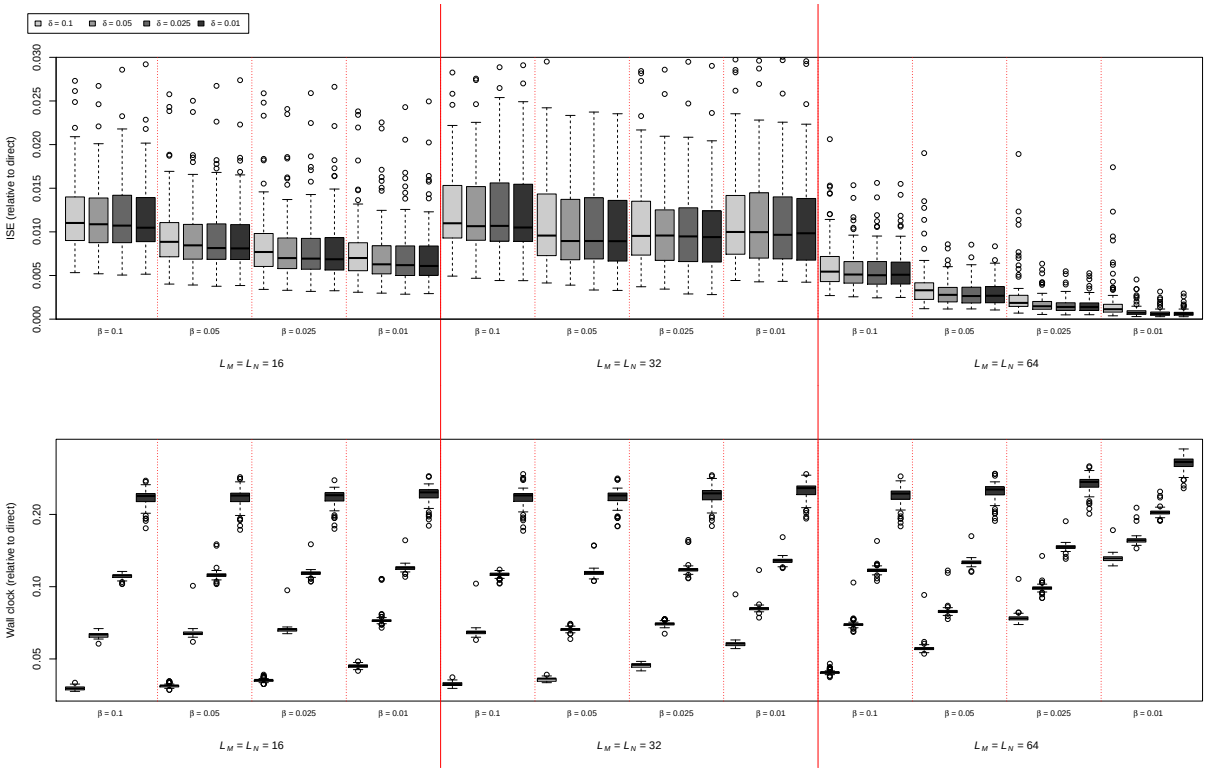



**Supp. Fig. 11:** $\mu = 1000, MN = 128^2$

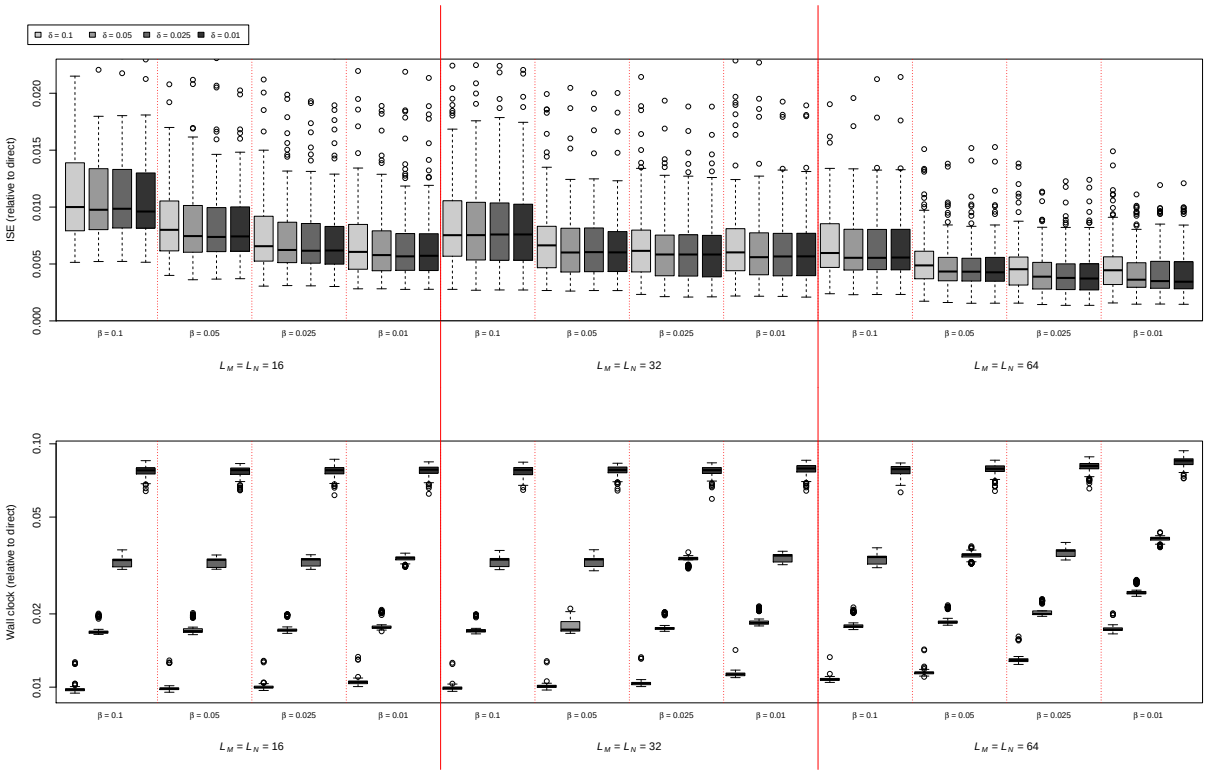



**Supp. Fig. 12:** $\mu = 1000, MN = 256^2$

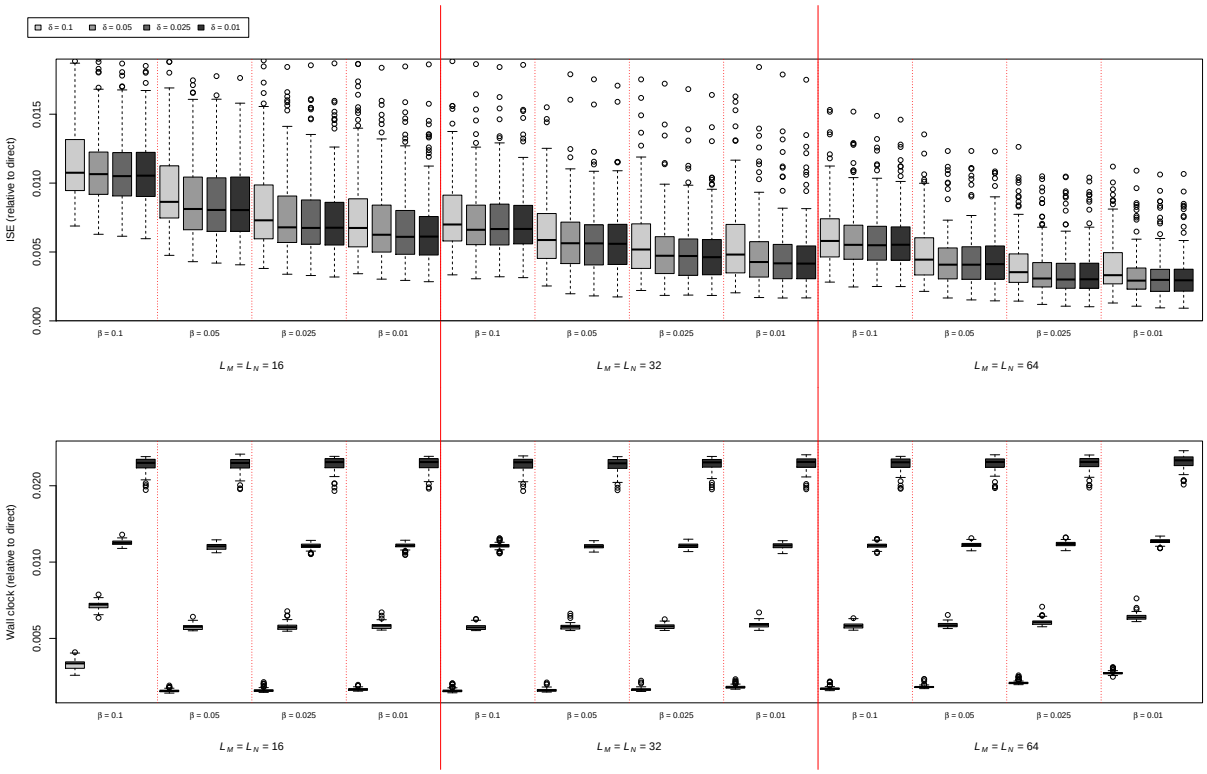
# CASE 3



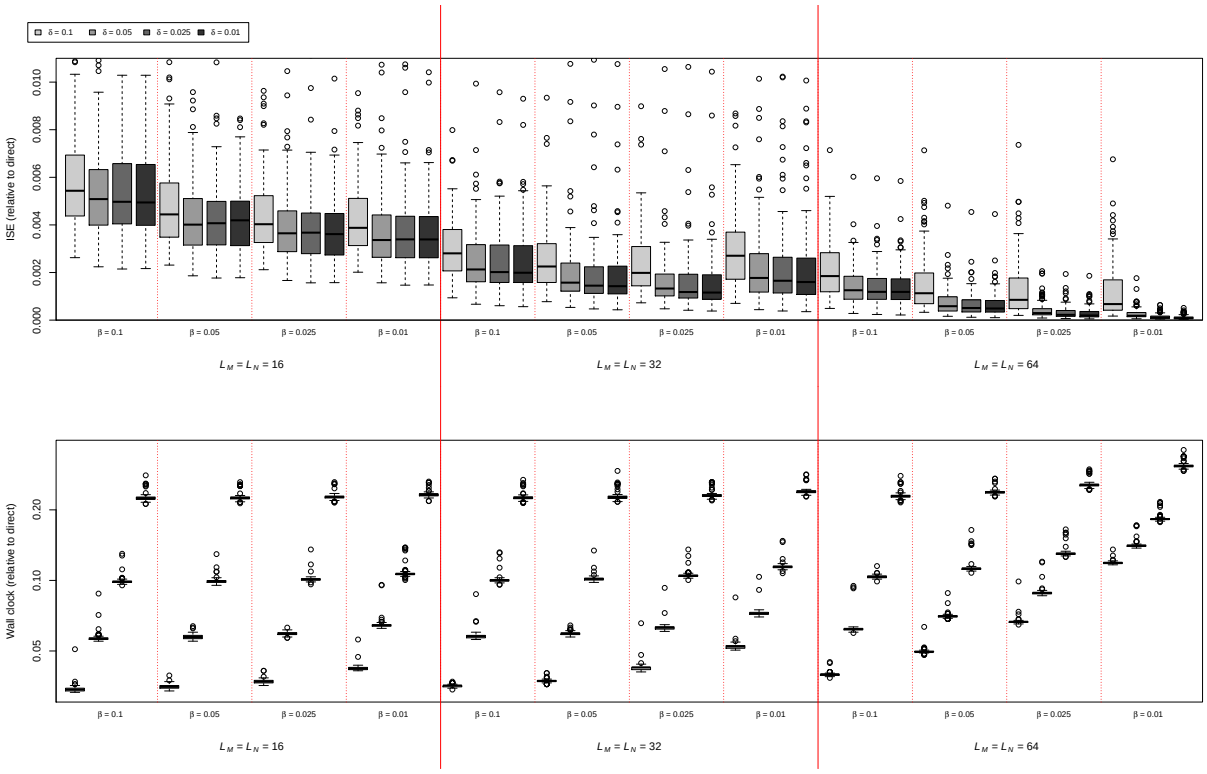

**Supp. Fig. 13:** $\mu = 100, MN = 64^2$



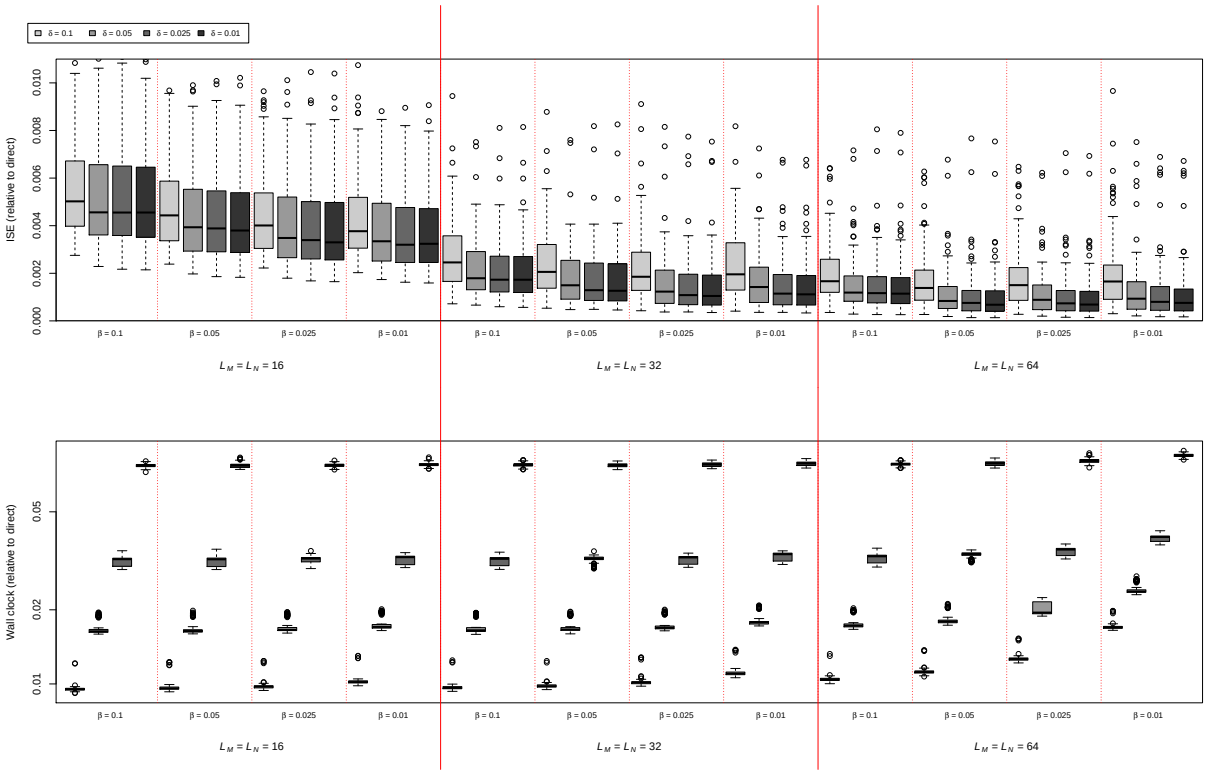

**Supp. Fig. 14:** $\mu = 100, MN = 128^2$



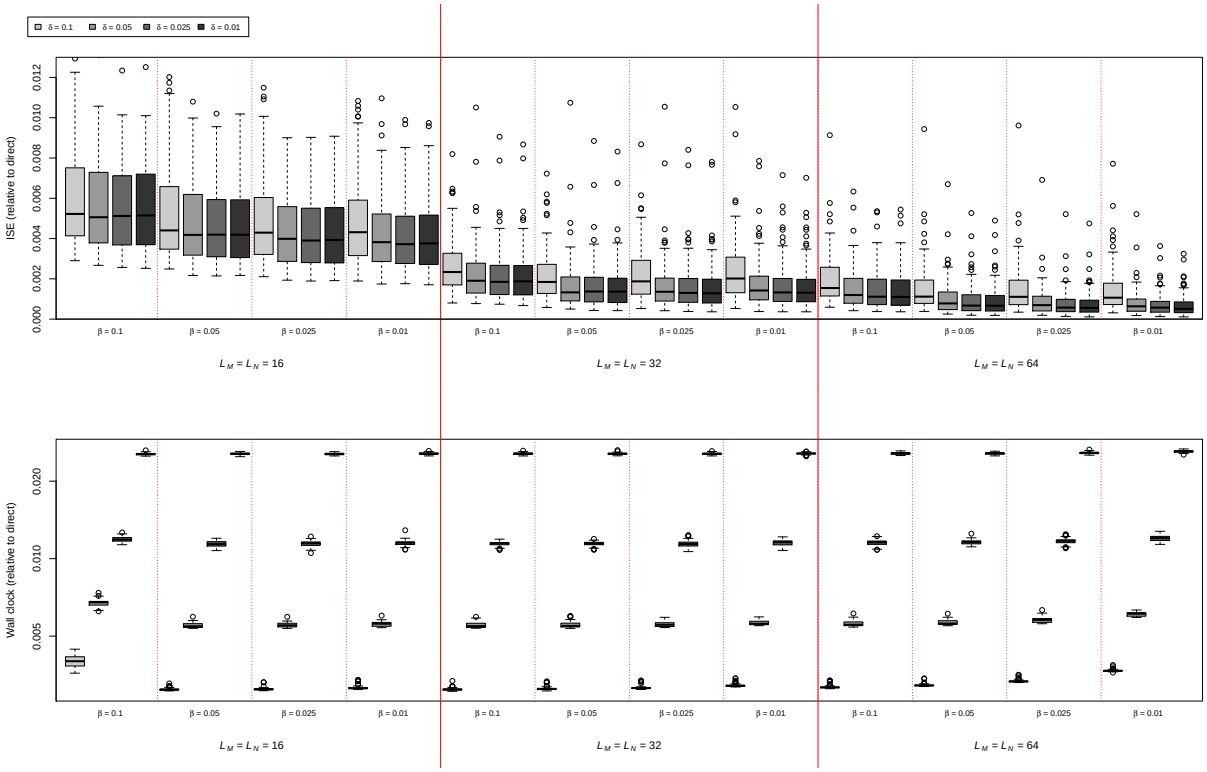

**Supp. Fig. 15:** $\mu = 100, MN = 256^2$




**Supp. Fig. 16:** $\mu = 1000, MN = 64^2$

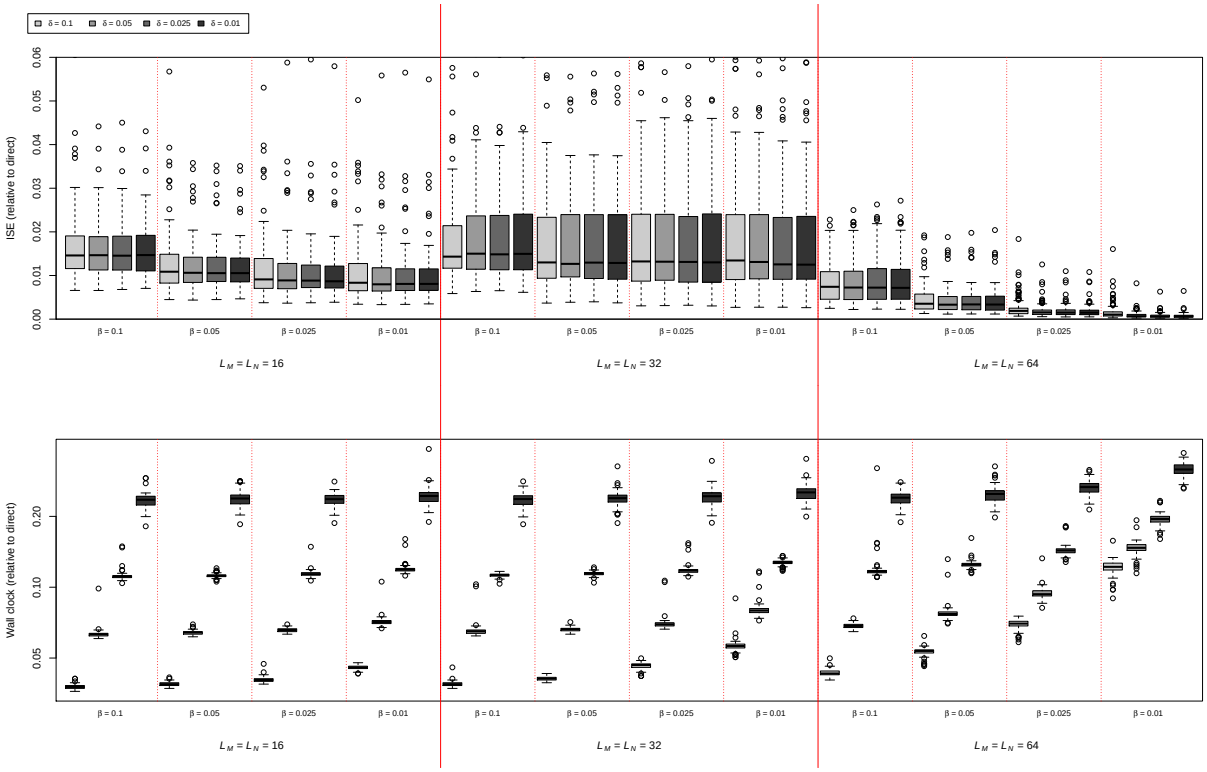



**Supp. Fig. 17:** $\mu = 1000, MN = 128^2$

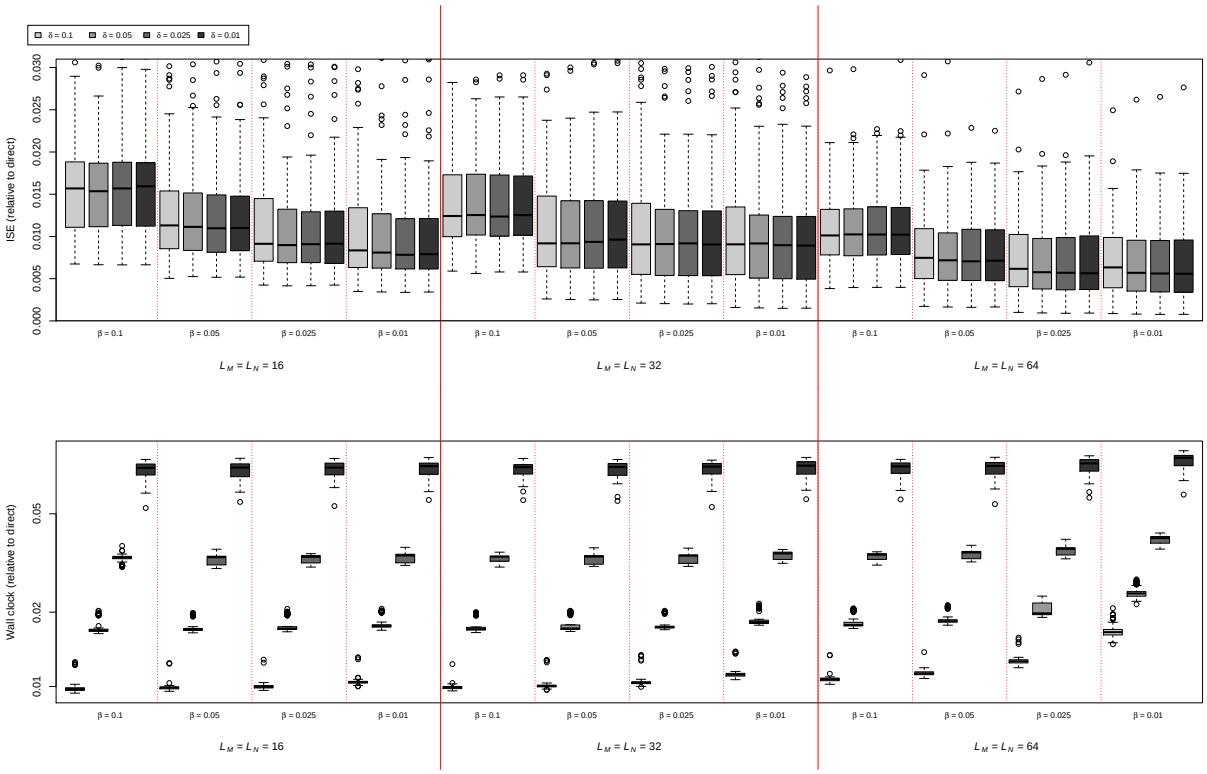



**Supp. Fig. 18:** $\mu = 1000, MN = 256^2$

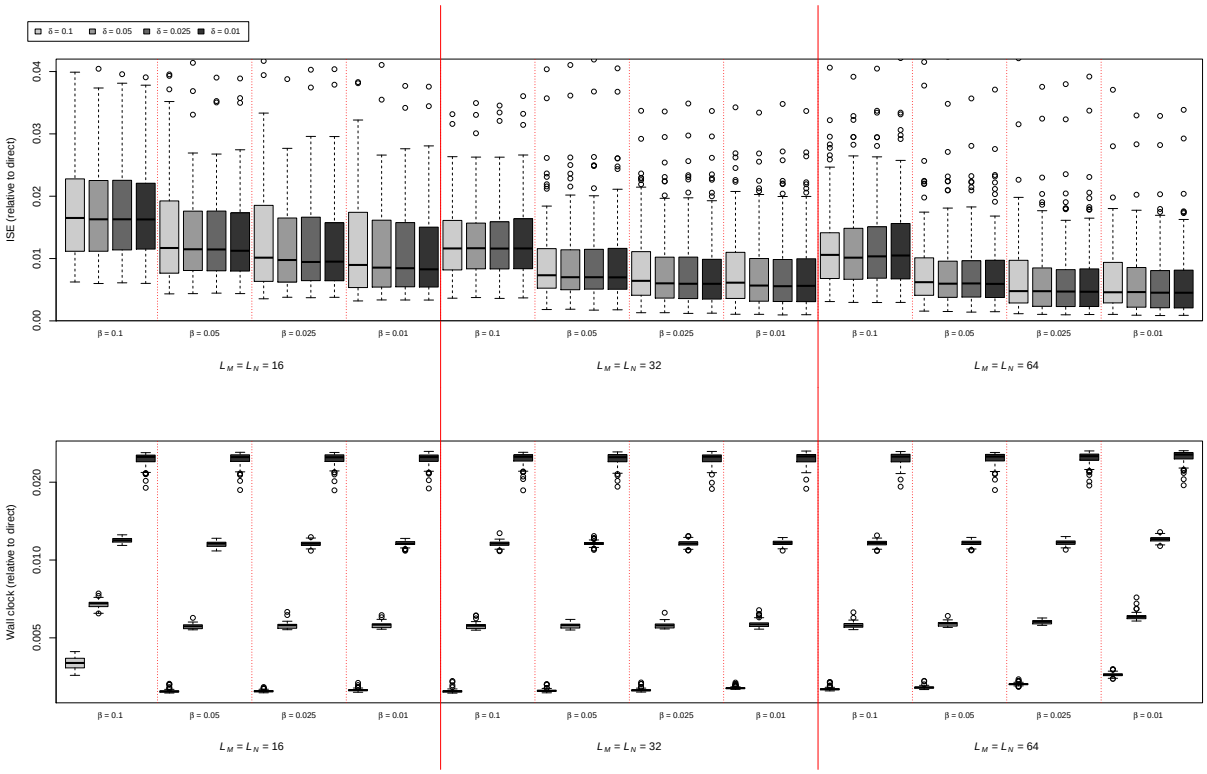
# CASE 4



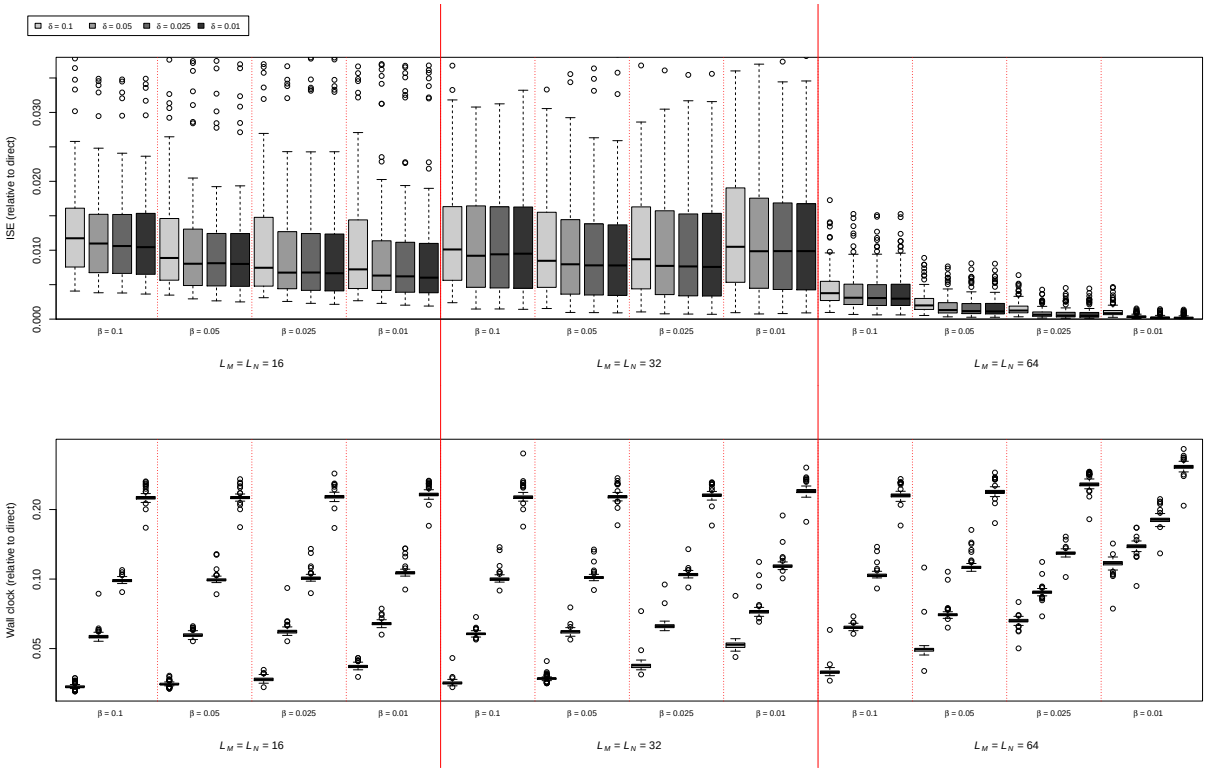

**Supp. Fig. 19:** $\mu = 100, MN = 64^2$



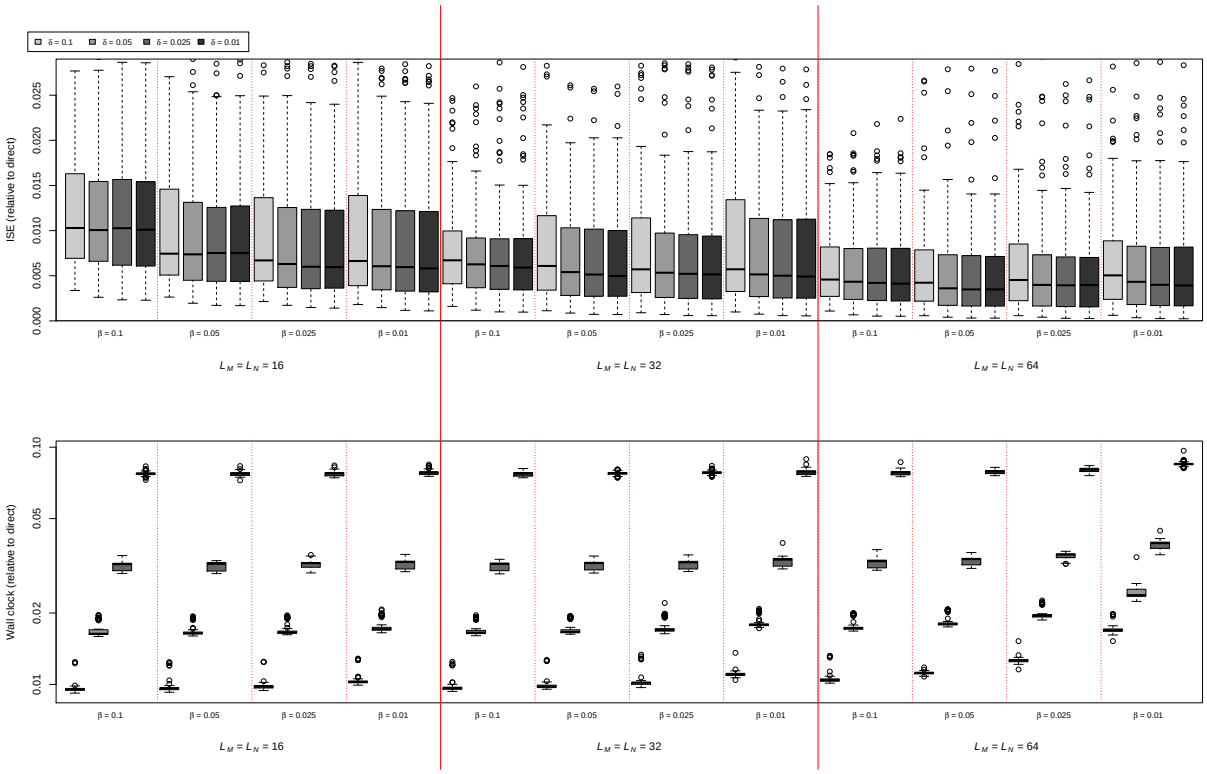

**Supp. Fig. 20:** $\mu = 100, MN = 128^2$



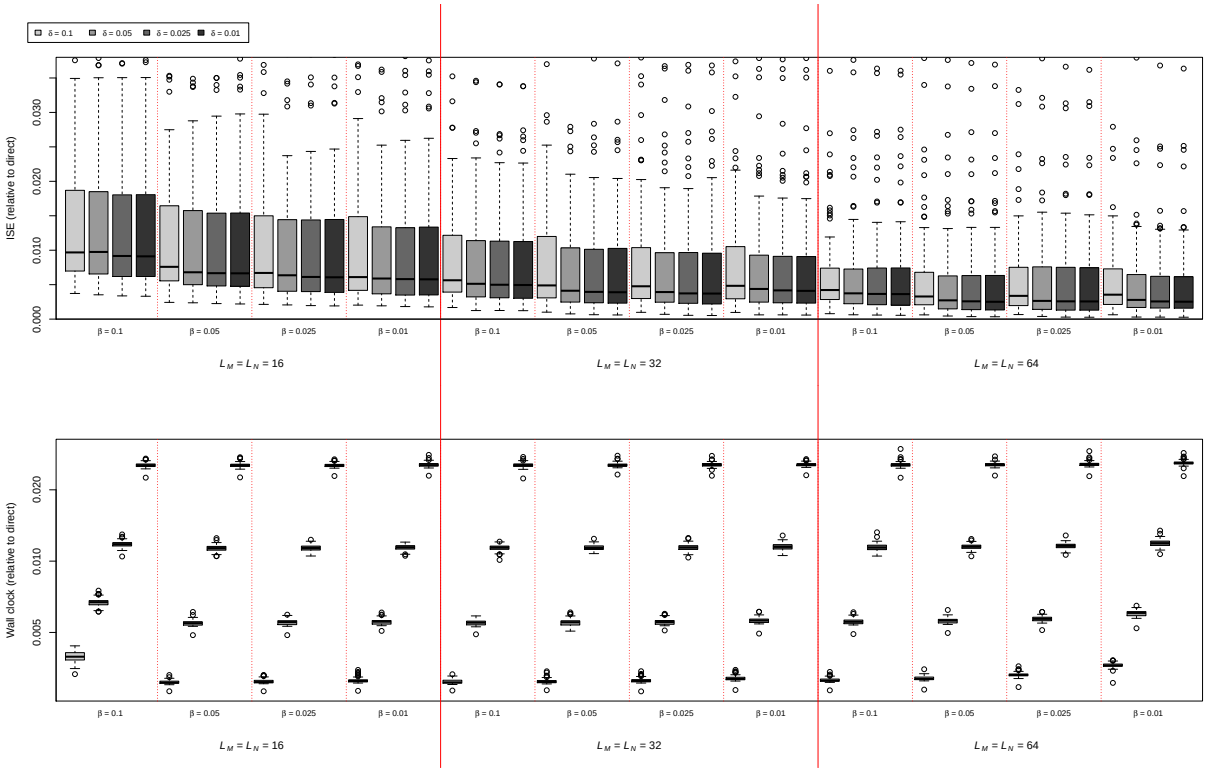

**Supp. Fig. 21:** $\mu = 100, MN = 256^2$




**Supp. Fig. 22:** $\mu = 1000, MN = 64^2$




**Supp. Fig. 23:** $\mu = 1000, MN = 128^2$




**Supp. Fig. 24:** $\mu = 1000, MN = 256^2$