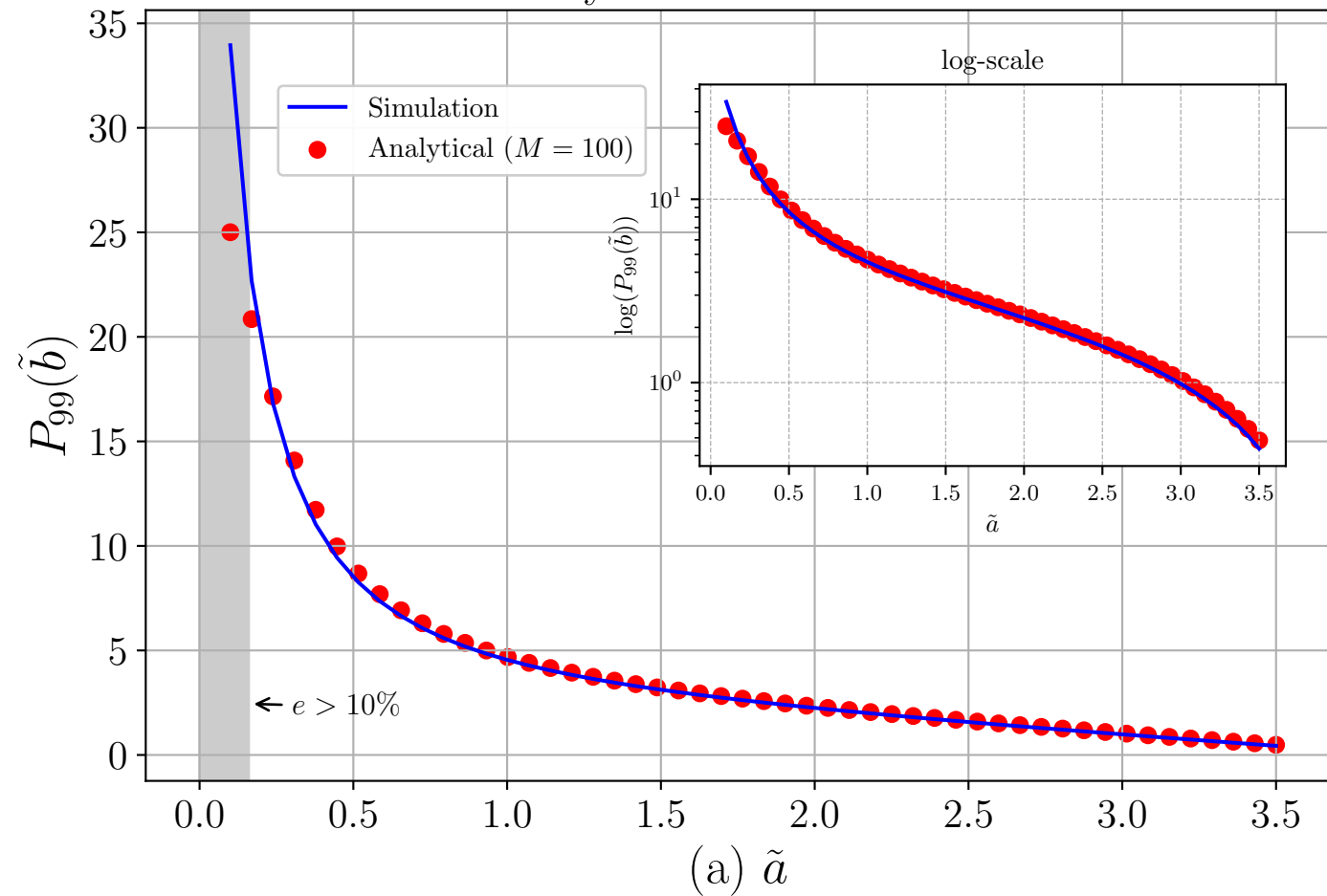**(a)** $\tilde{a}$

(b) $\tilde{a}$

P_{99} vs. $\tilde{b}$
Analytical vs Simulation

M required for convergence of $\tilde{g}(\tilde{b})$
at $D_{L^1} < 0.05$

Simulation

Analytical ($M = 100$)

$\leftarrow e > 10\%$

log-scale

$M = 10$

$M = 5$

$M = 2$