P($\text{sgn}(\hat{\tau}) \neq \text{sgn}(\hat{\tau}_\varepsilon) \neq \text{sgn}(\hat{\tau}_{\varepsilon_N})$) against ε for $\tau = 0.1$

Legend:
- P($\text{sgn}(\hat{\tau}) \neq \text{sgn}(\hat{\tau}_\varepsilon)$)
- P($\text{sgn}(\hat{\tau}) \neq \text{sgn}(\hat{\tau}_\varepsilon) \neq \text{sgn}(\hat{\tau}_{\varepsilon_N})$)

privacy loss (ε)