\[ \tilde{\gamma}_{SD} = \tilde{\gamma}_{SR} = \tilde{\gamma}_{RD} = \tilde{\gamma}, \rho_{SR_k} = 1, N = 3, \gamma_{th} = 0\text{dB} \]

- Relay selection with full CSI, \( \tilde{\gamma} = 7\text{dB} \)
- Relay selection with full CSI, \( \tilde{\gamma} = 10\text{dB} \)
- Relay selection with full CSI, \( \tilde{\gamma} = 15\text{dB} \)
- Relay selection with partial CSI, \( \tilde{\gamma} = 7\text{dB} \)
- Relay selection with partial CSI, \( \tilde{\gamma} = 10\text{dB} \)
- Relay selection with partial CSI, \( \tilde{\gamma} = 15\text{dB} \)

Crossing point \( \rho_{R_kD} = 0.9 \)

Crossing point \( \rho_{R_kD} = 0.85 \)

Crossing point \( \rho_{R_kD} = 0.8 \)