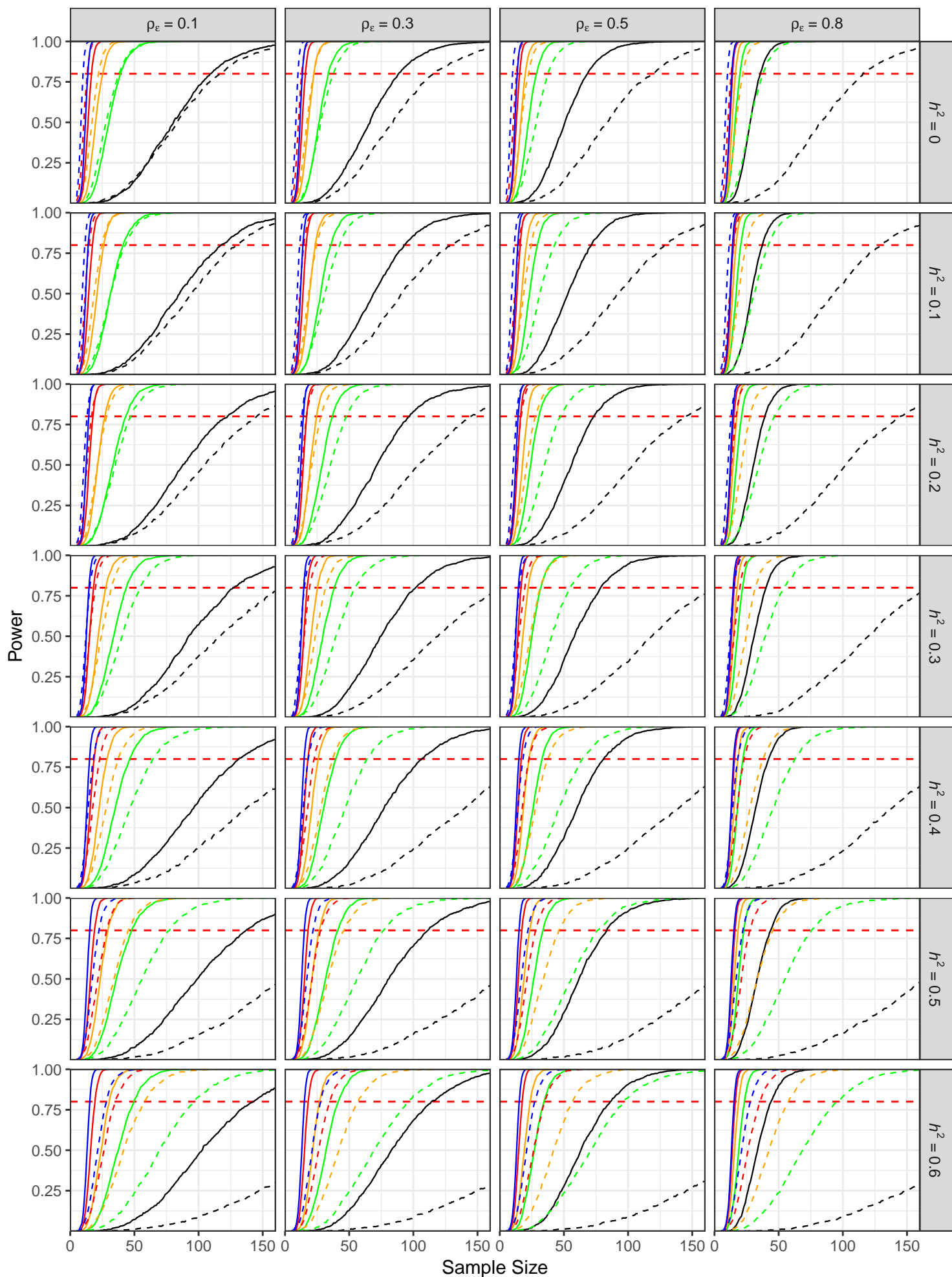
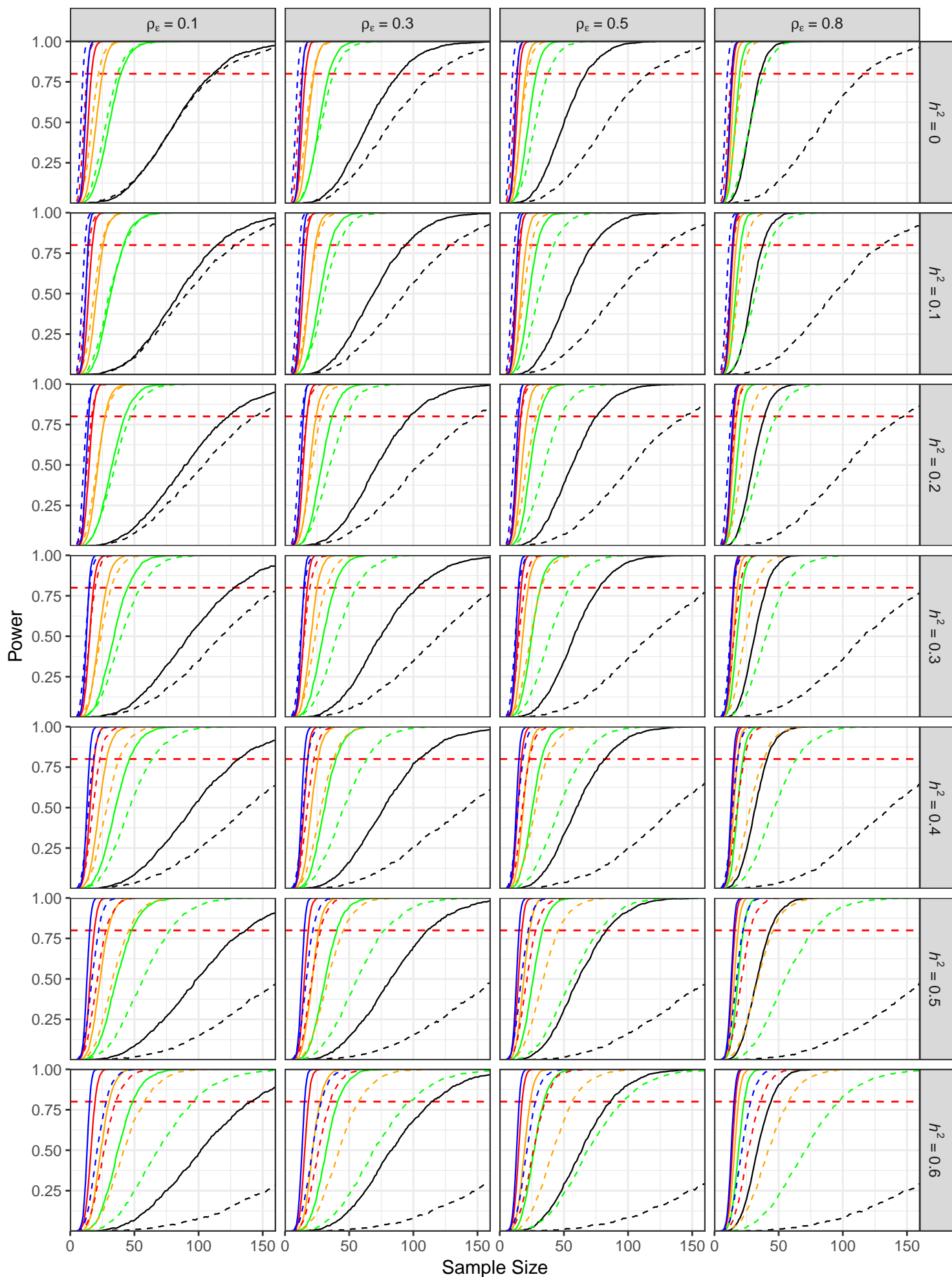


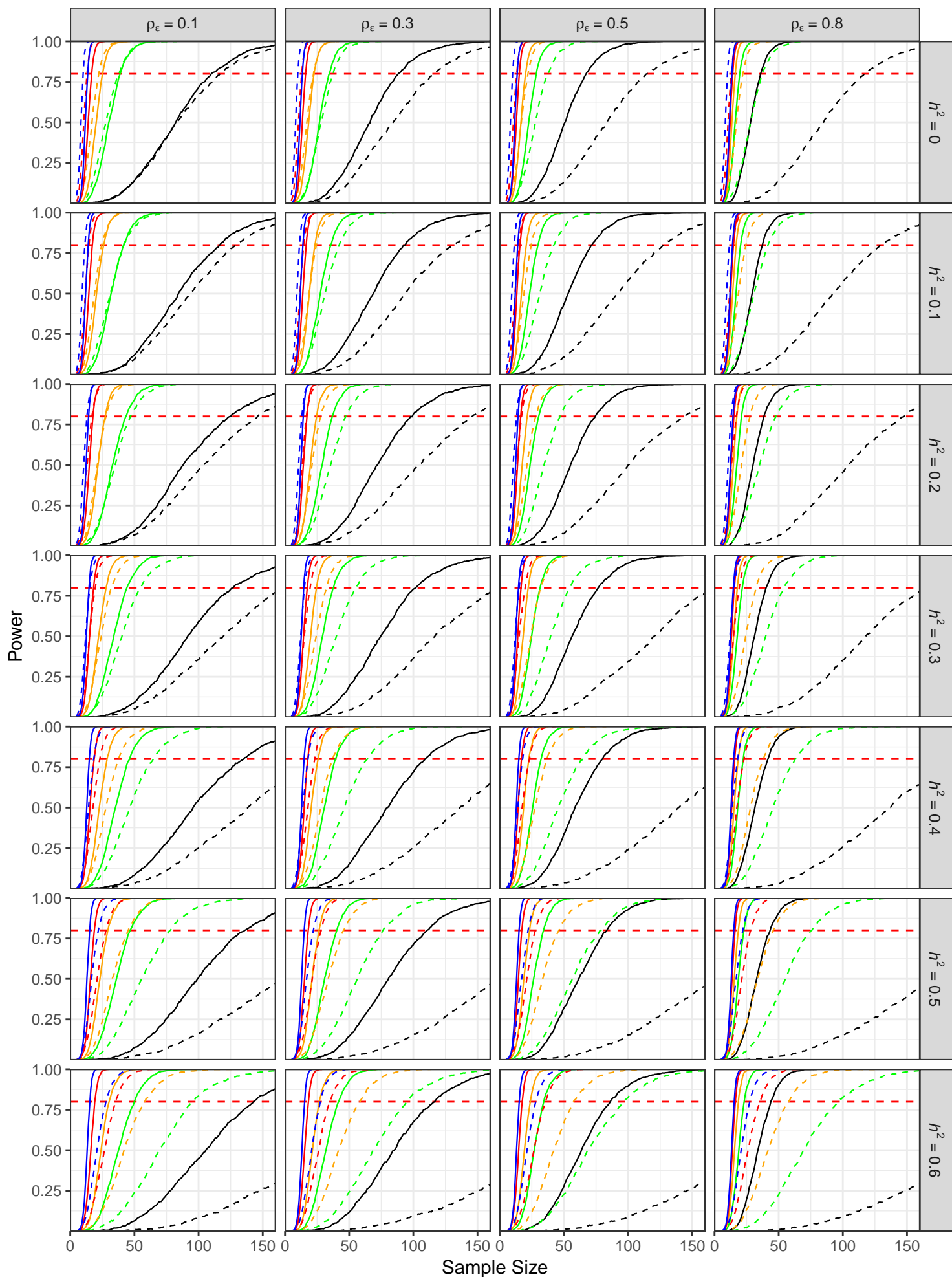
$P_K = 0$, $E(M) = -3.78$, $\text{Var}(M) = 0.06$



$$P_K = 0, E(M) = -3.78, \text{Var}(M) = 1$$



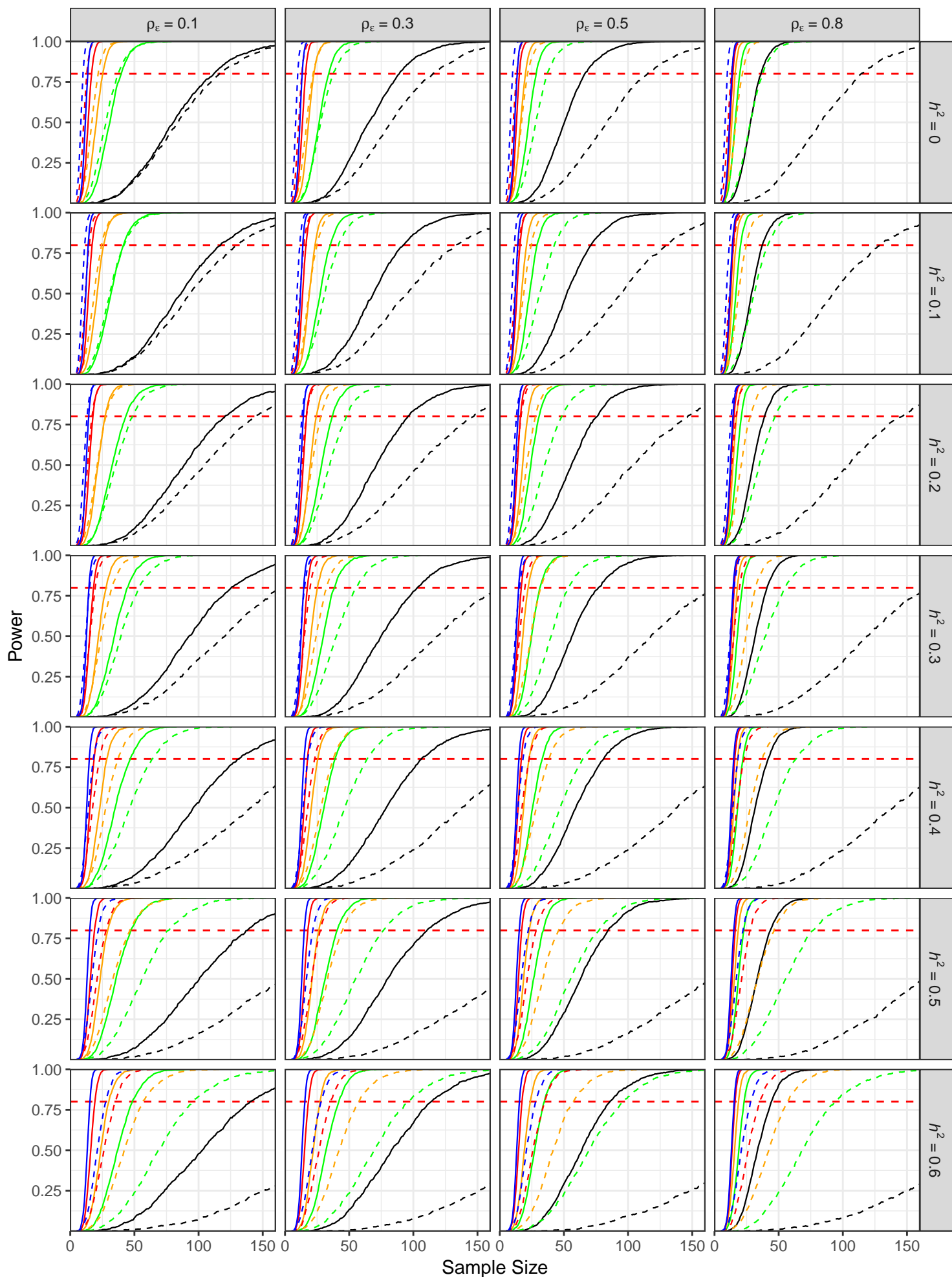
$$P_K = 0, E(M) = -3.78, \text{Var}(M) = 2$$



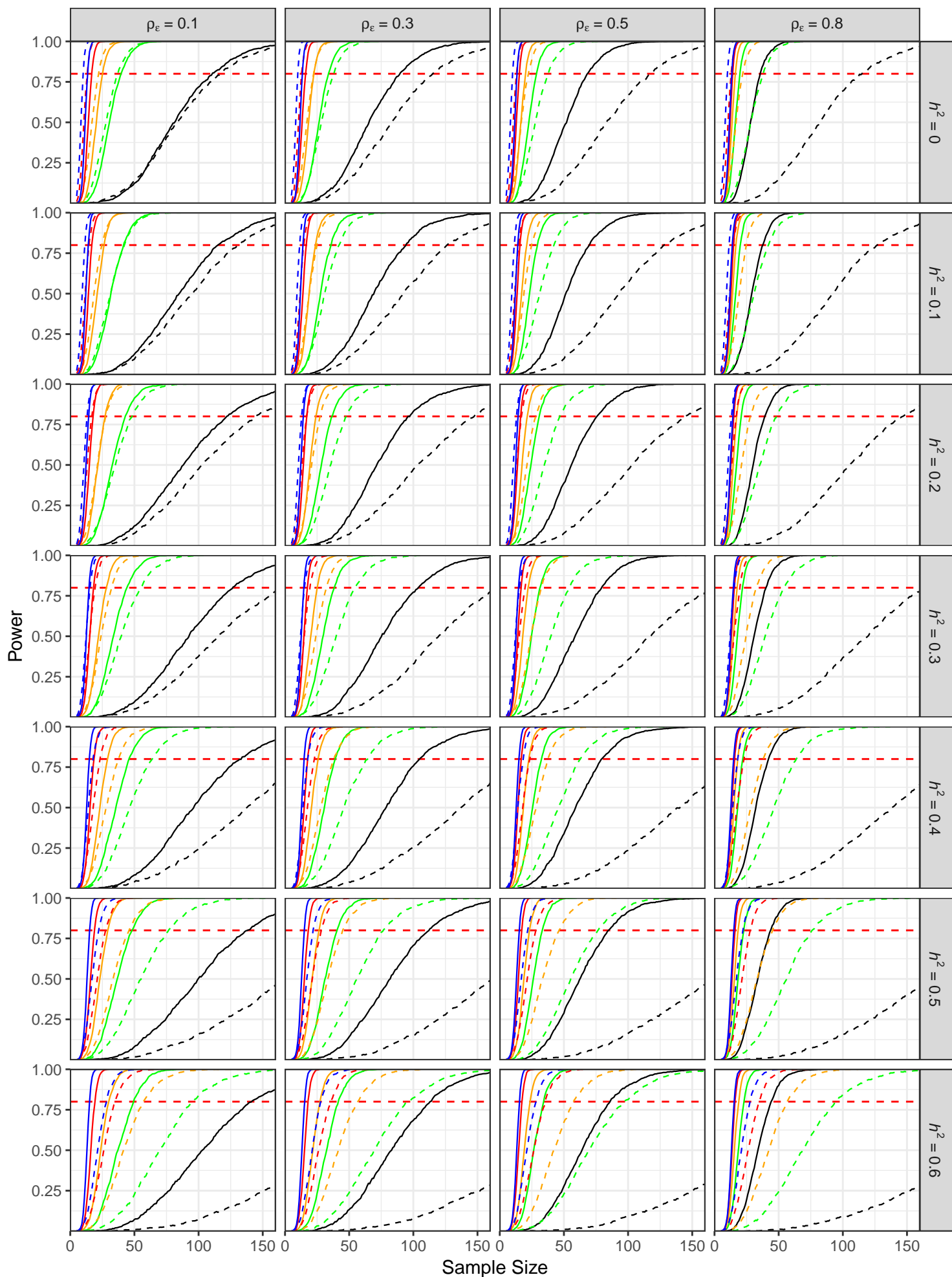
$R^2_{M,E}$ — 0.1 — 0.3 — 0.5 — 0.8 — 1

Design - - Ordinary Case-control — Discordant Twin

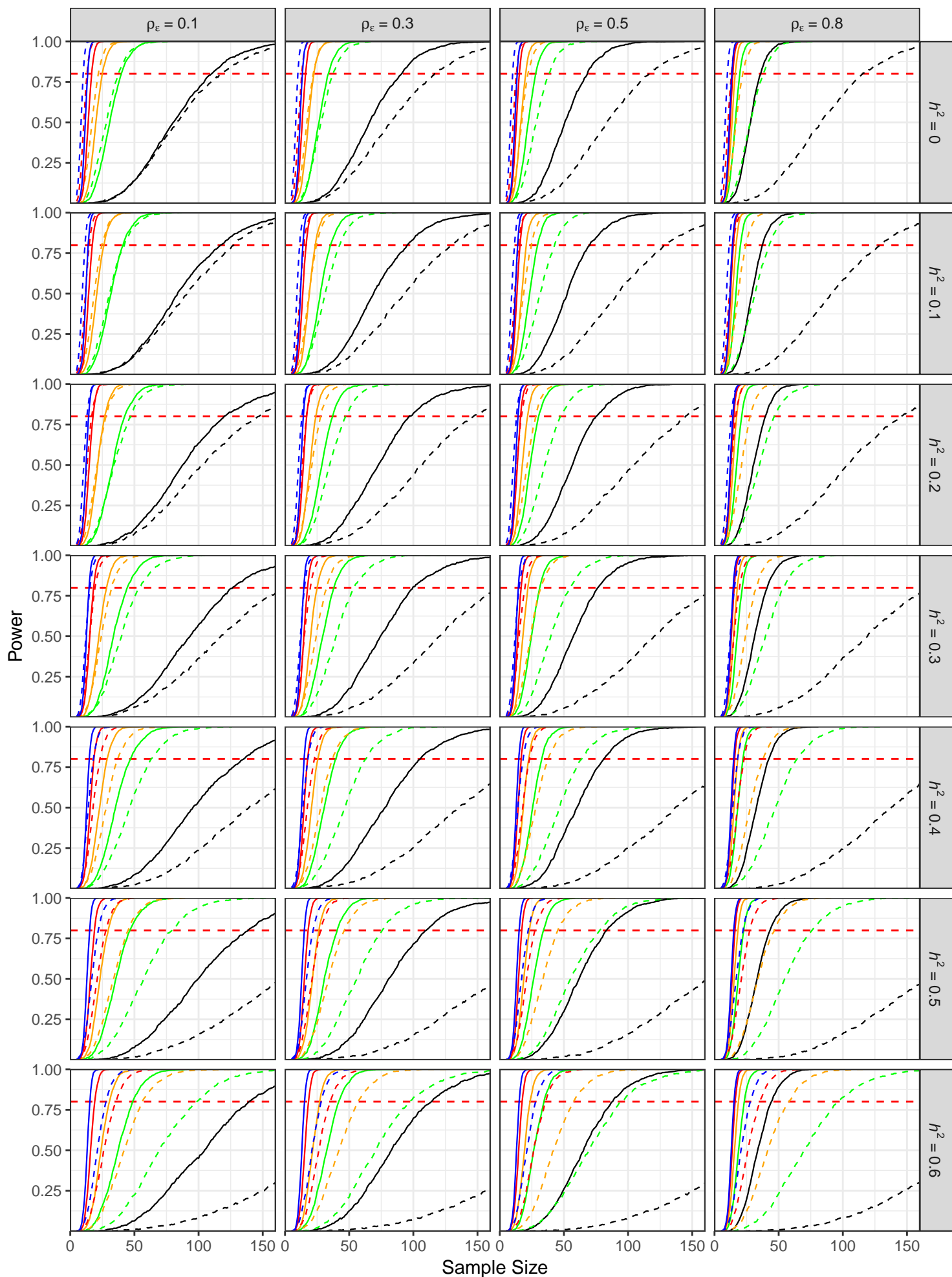
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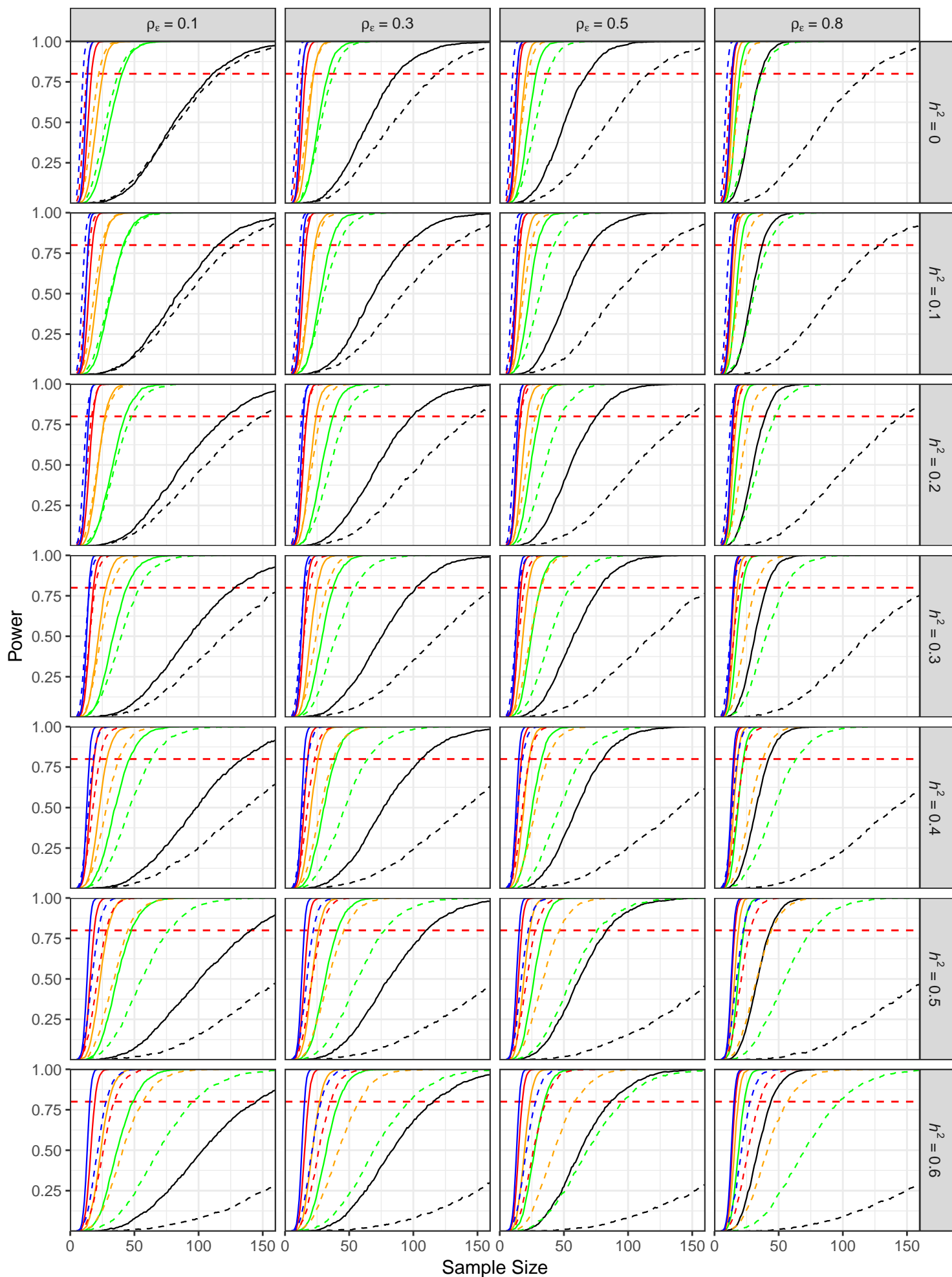
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$P_K = 0$, $E(M) = 3.36$, $Var(M) = 0.06$



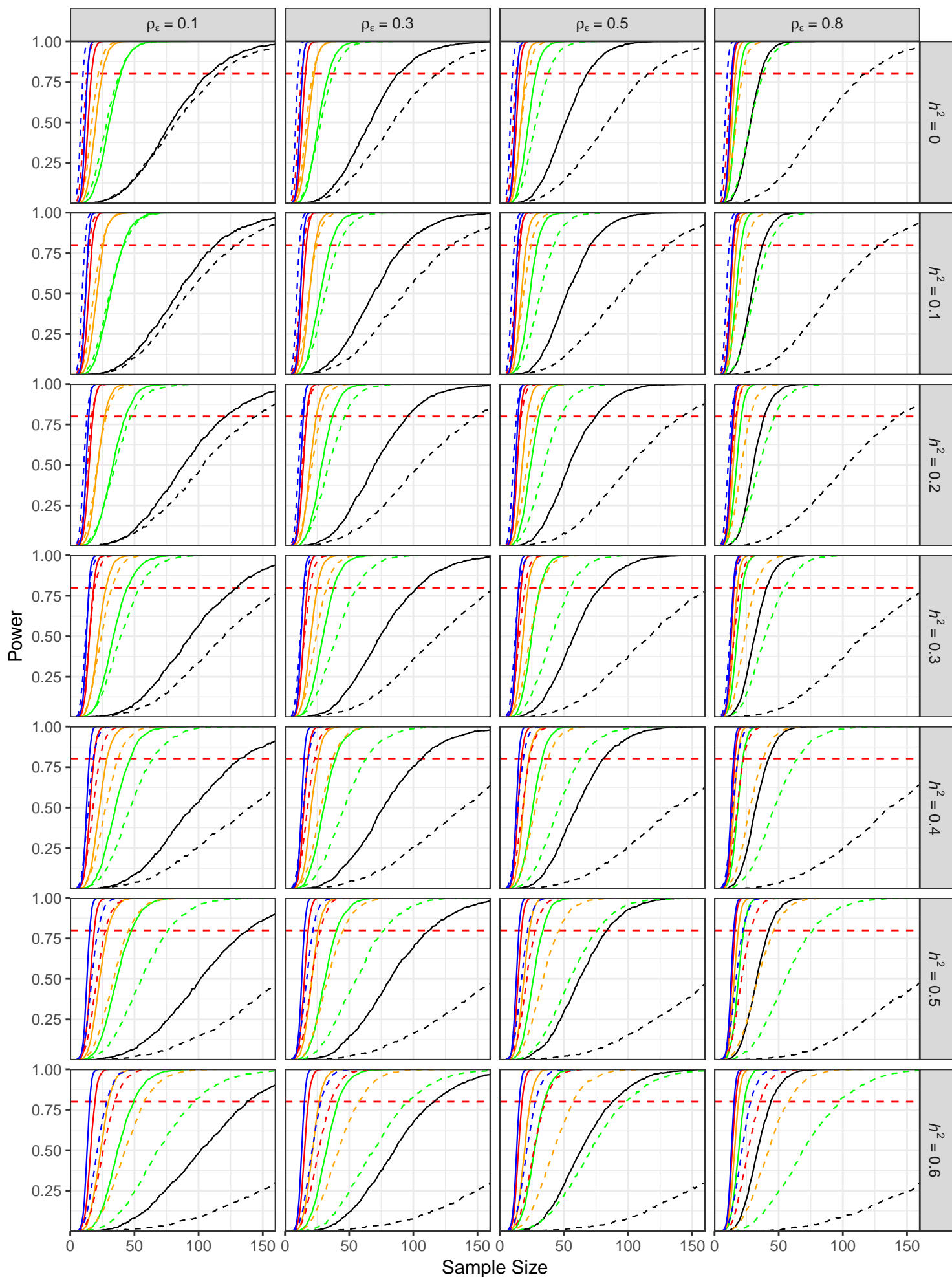
$P_K = 0$, $E(M) = 3.36$, $Var(M) = 1$



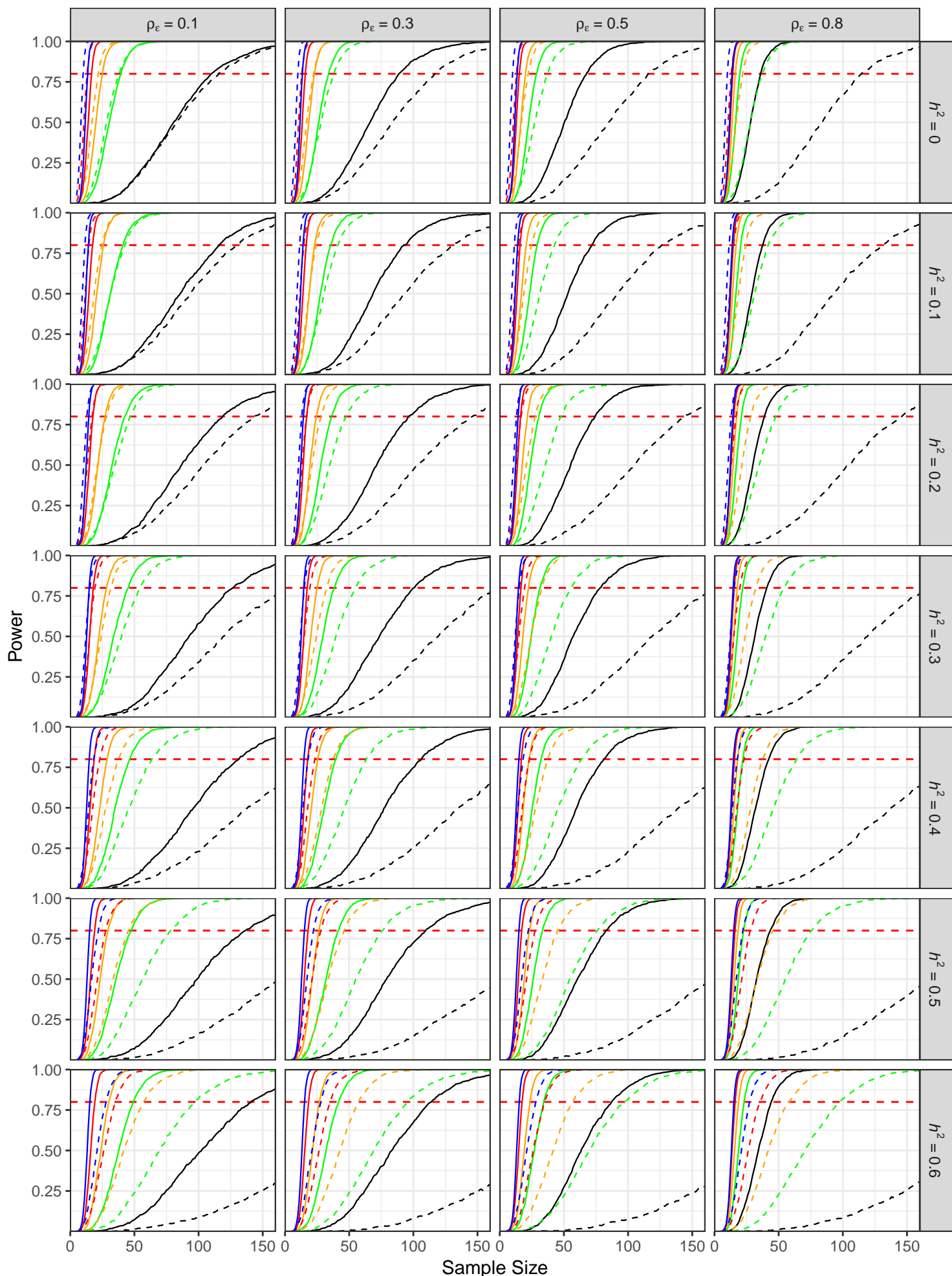
$R^2_{M,E}$ — 0.1 — 0.3 — 0.5 — 0.8 — 1

Design - - Ordinary Case-control — Discordant Twin

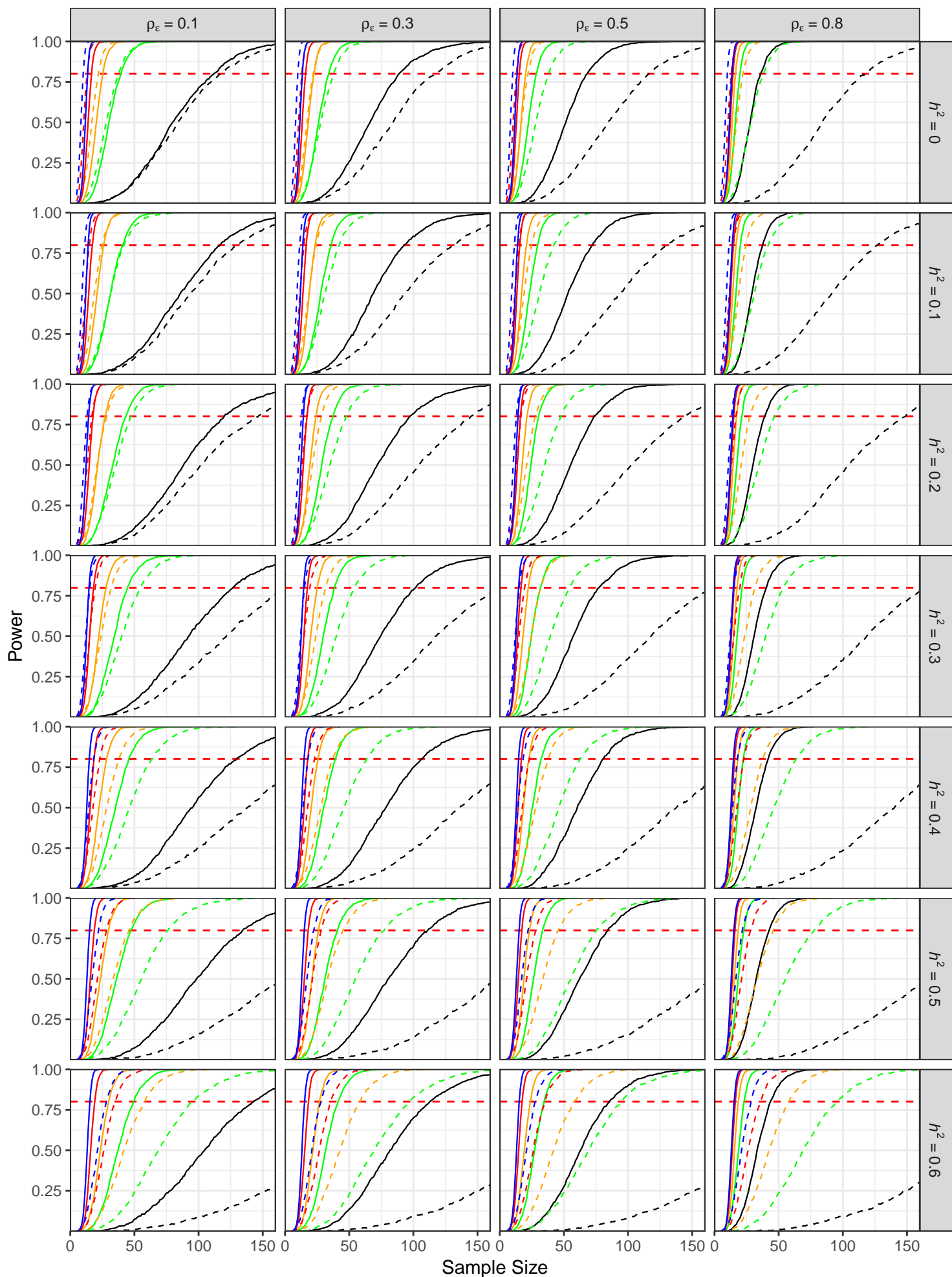
$$P_K = 0, E(M) = 3.36, \text{Var}(M) = 2$$



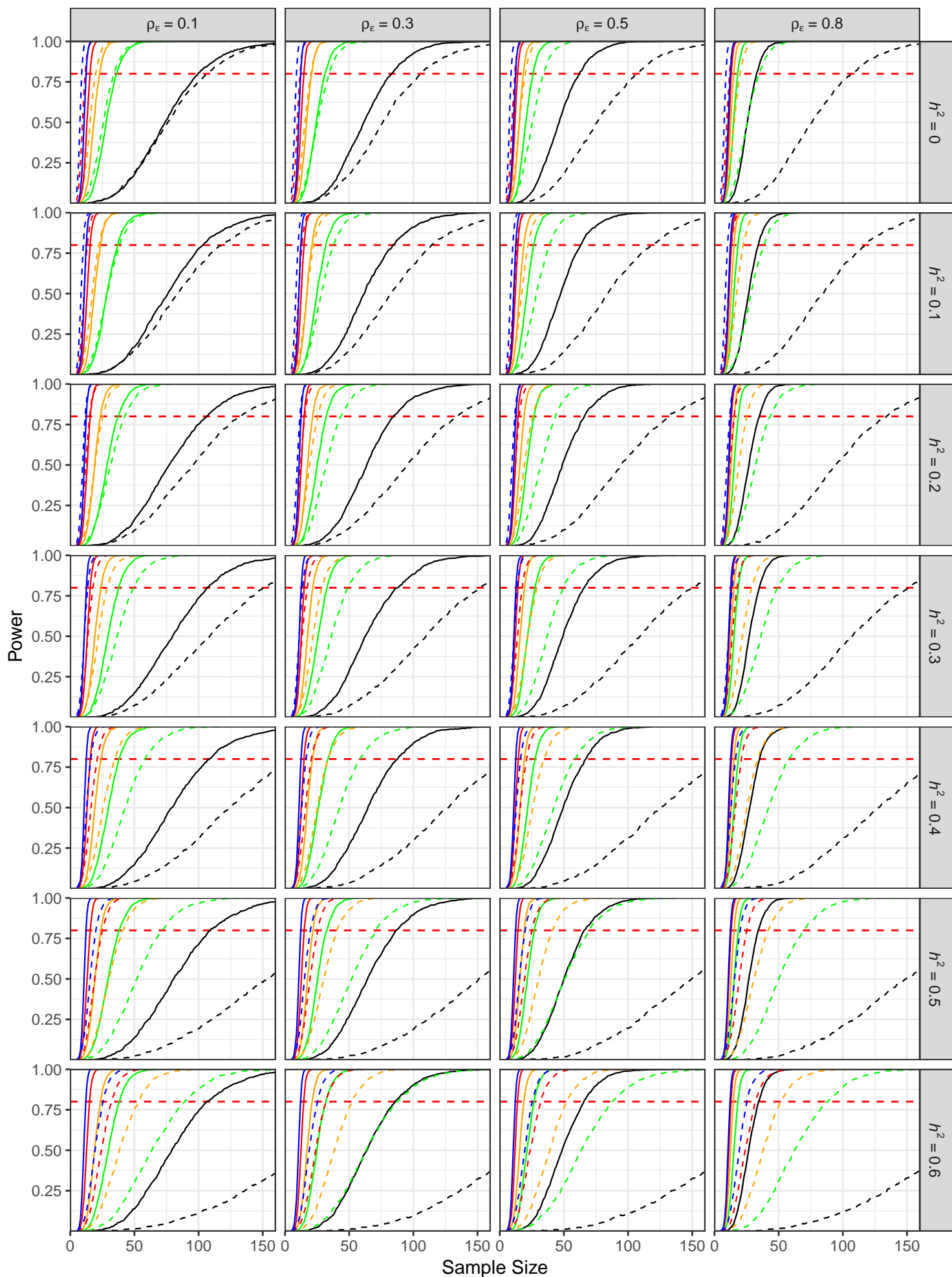
$P_K = 0$, $E(M) = 3.36$, $Var(M) = 3$



$$P_K = 0, E(M) = 3.36, \text{Var}(M) = 4$$



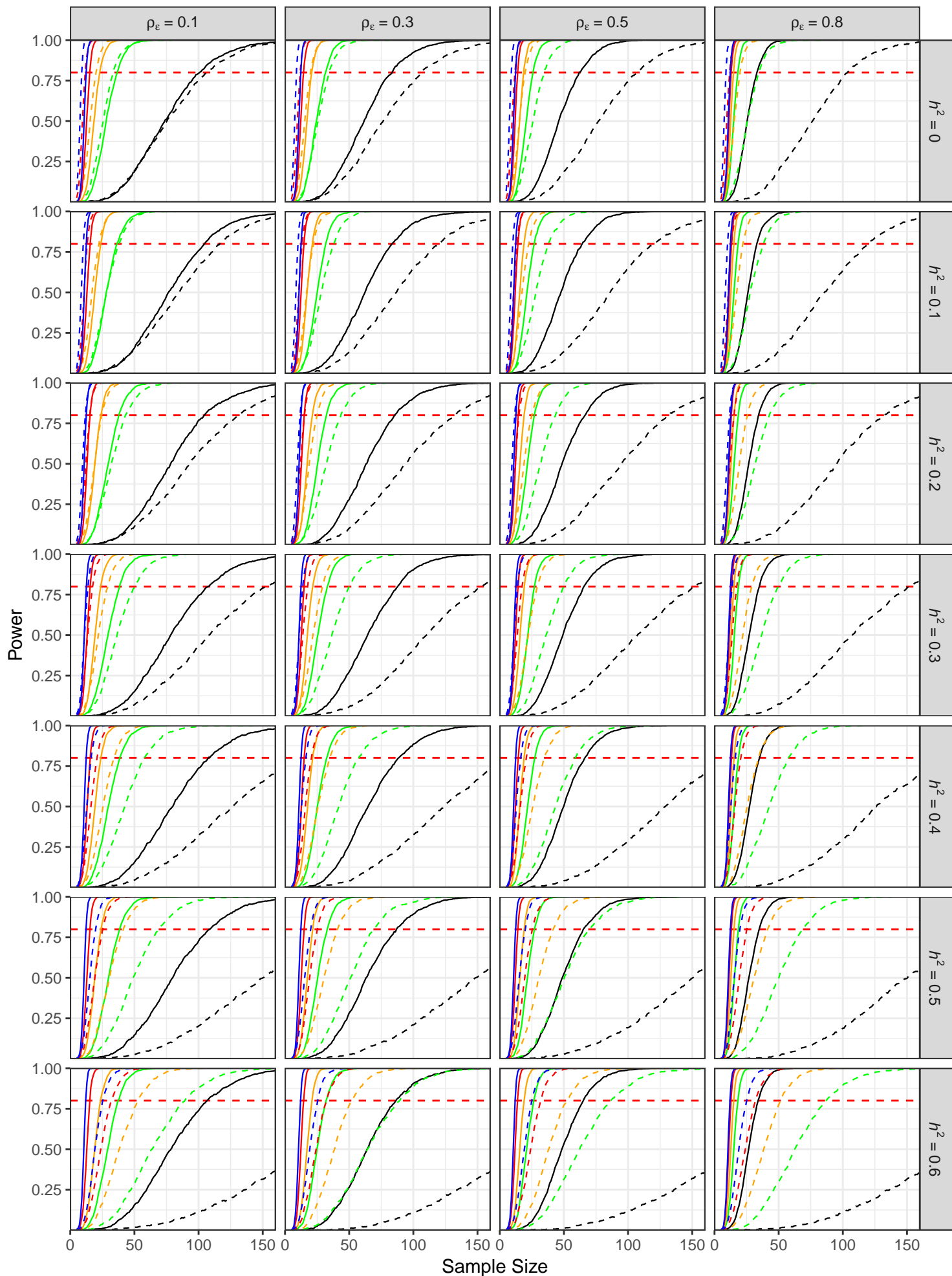
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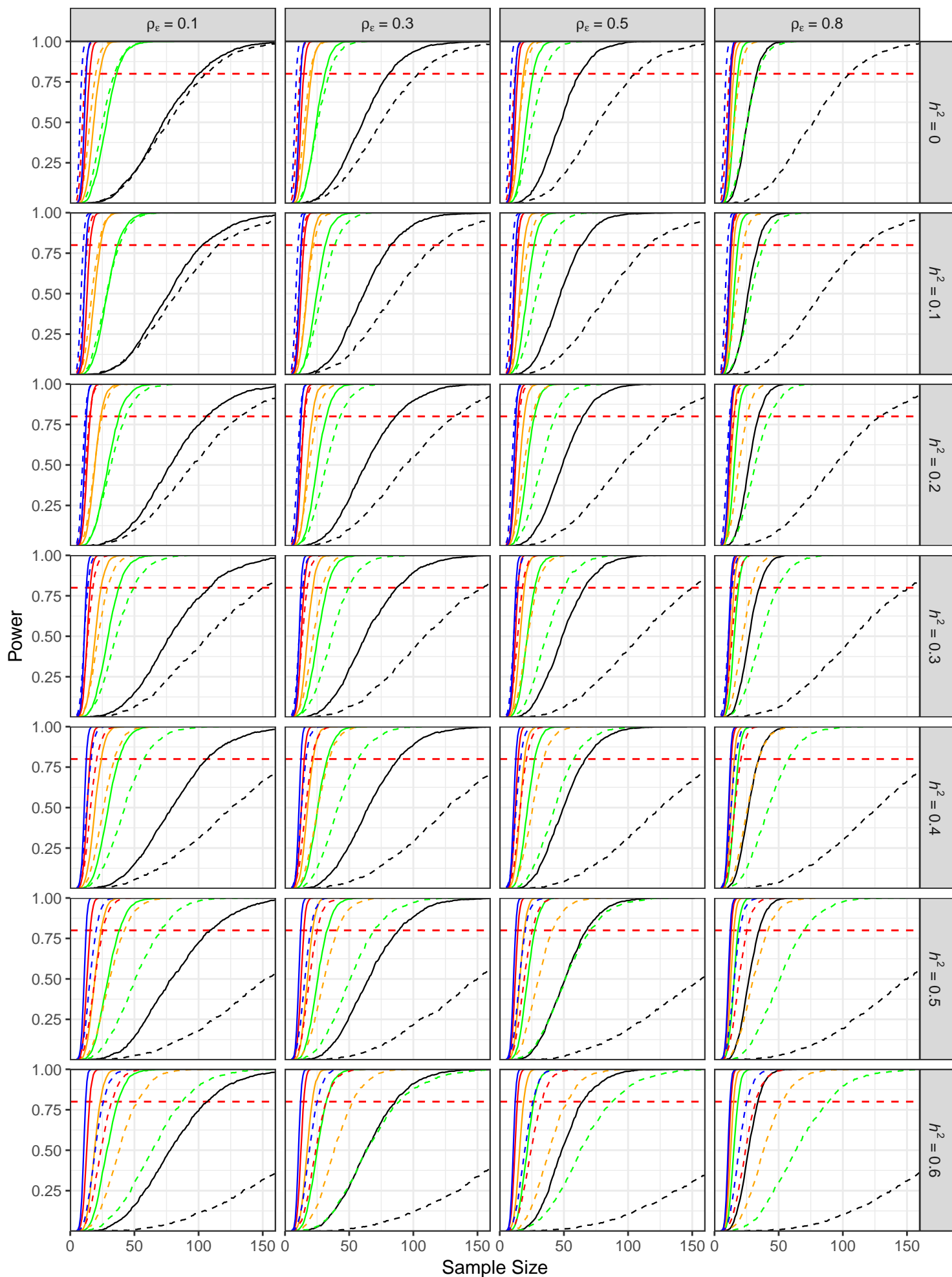
$R^2_{M,E}$ — 0.1 — 0.3 — 0.5 — 0.8 — 1

Design - - Ordinary Case-control — Discordant Twin

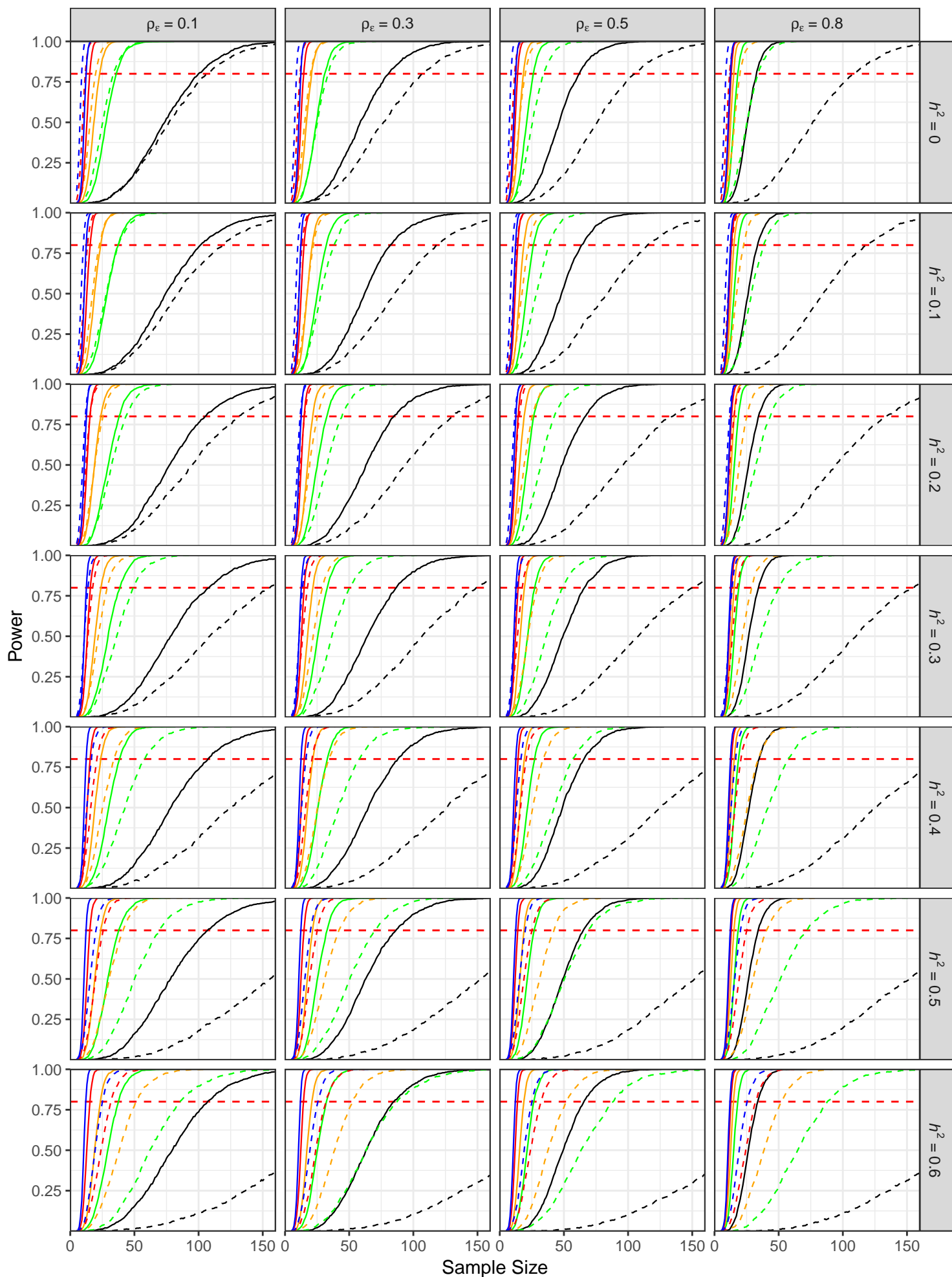
$P_K = 0.05$, $E(M) = -3.78$, $Var(M) = 1$



$P_K = 0.05$, $E(M) = -3.78$, $\text{Var}(M) = 2$



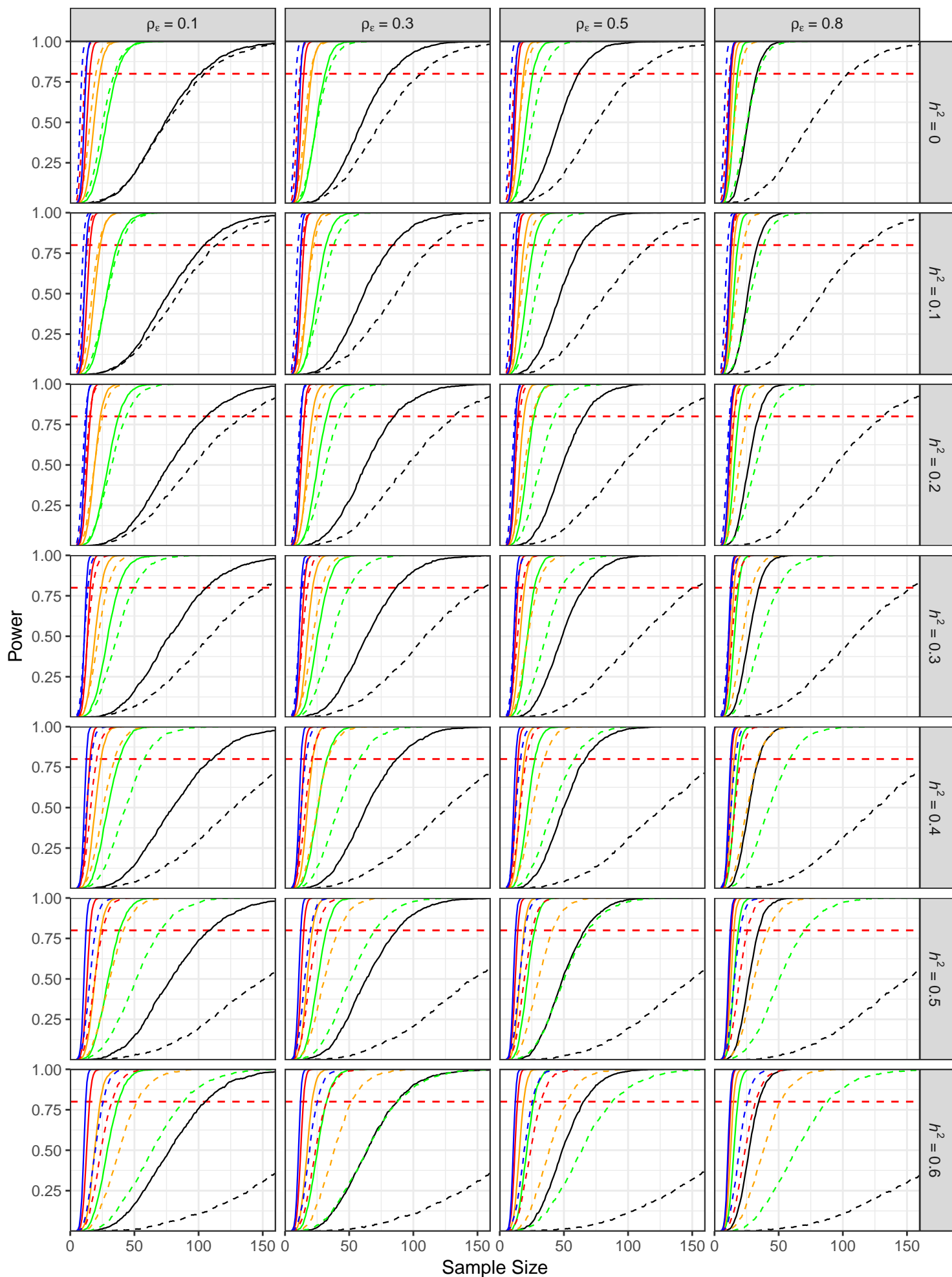
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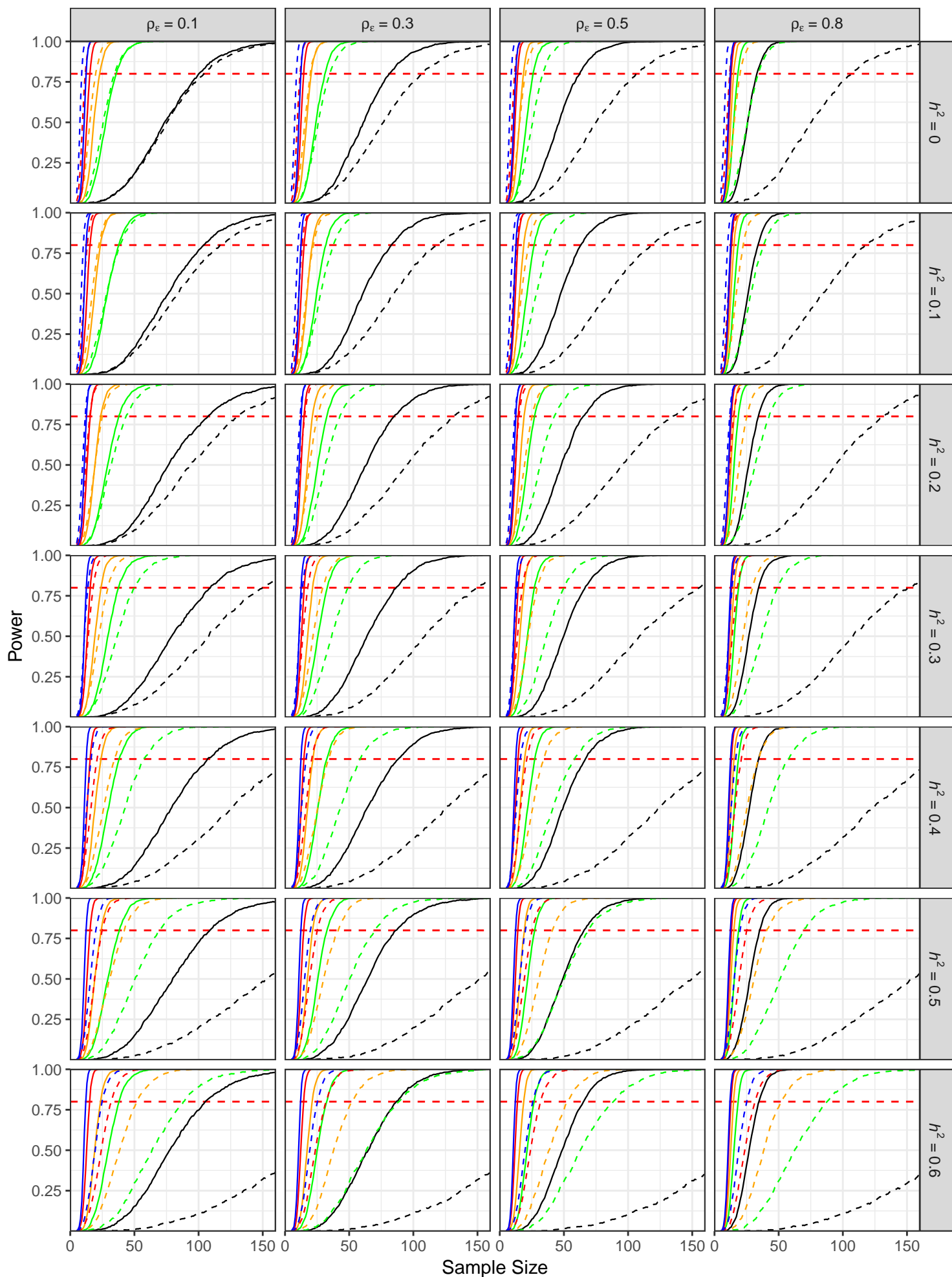
$R^2_{M,E}$ — 0.1 — 0.3 — 0.5 — 0.8 — 1

Design - - Ordinary Case-control — Discordant Twin

$P_K = 0.05$, $E(M) = -3.78$, $Var(M) = 4$



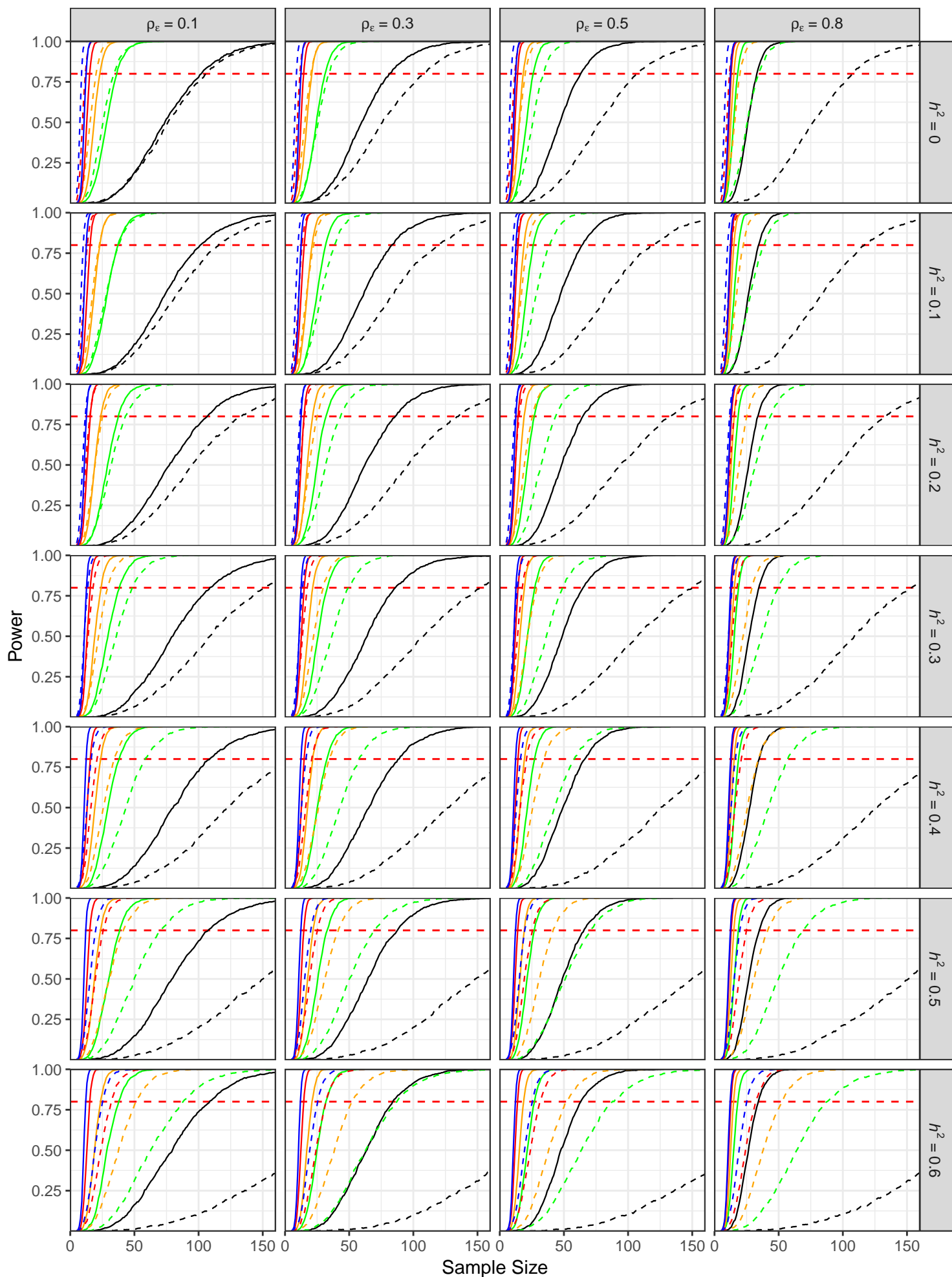
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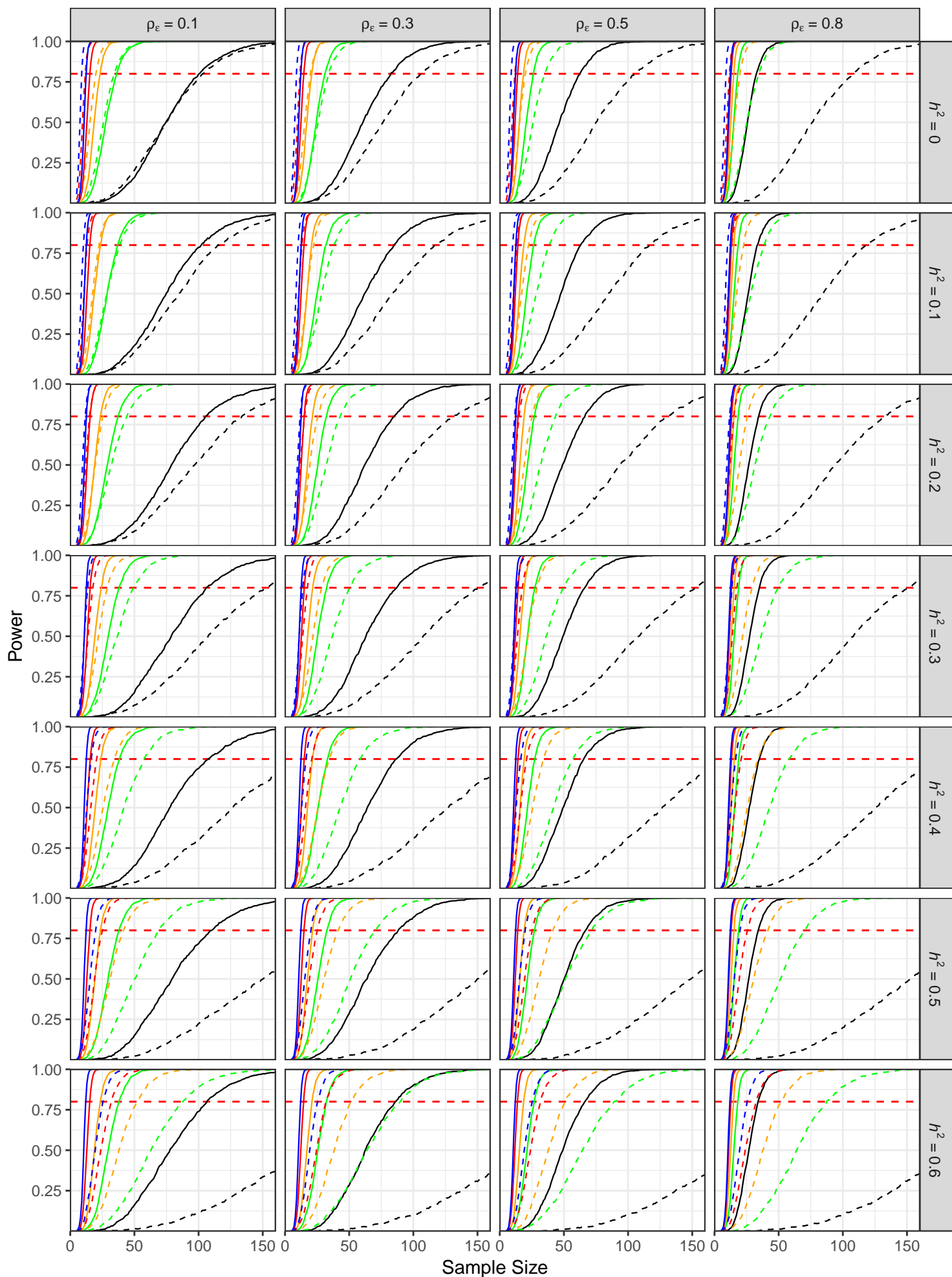
$R^2_{M,E}$ — 0.1 — 0.3 — 0.5 — 0.8 — 1

Design - - Ordinary Case-control — Discordant Twin

$P_K = 0.05$, $E(M) = 3.36$, $Var(M) = 1$



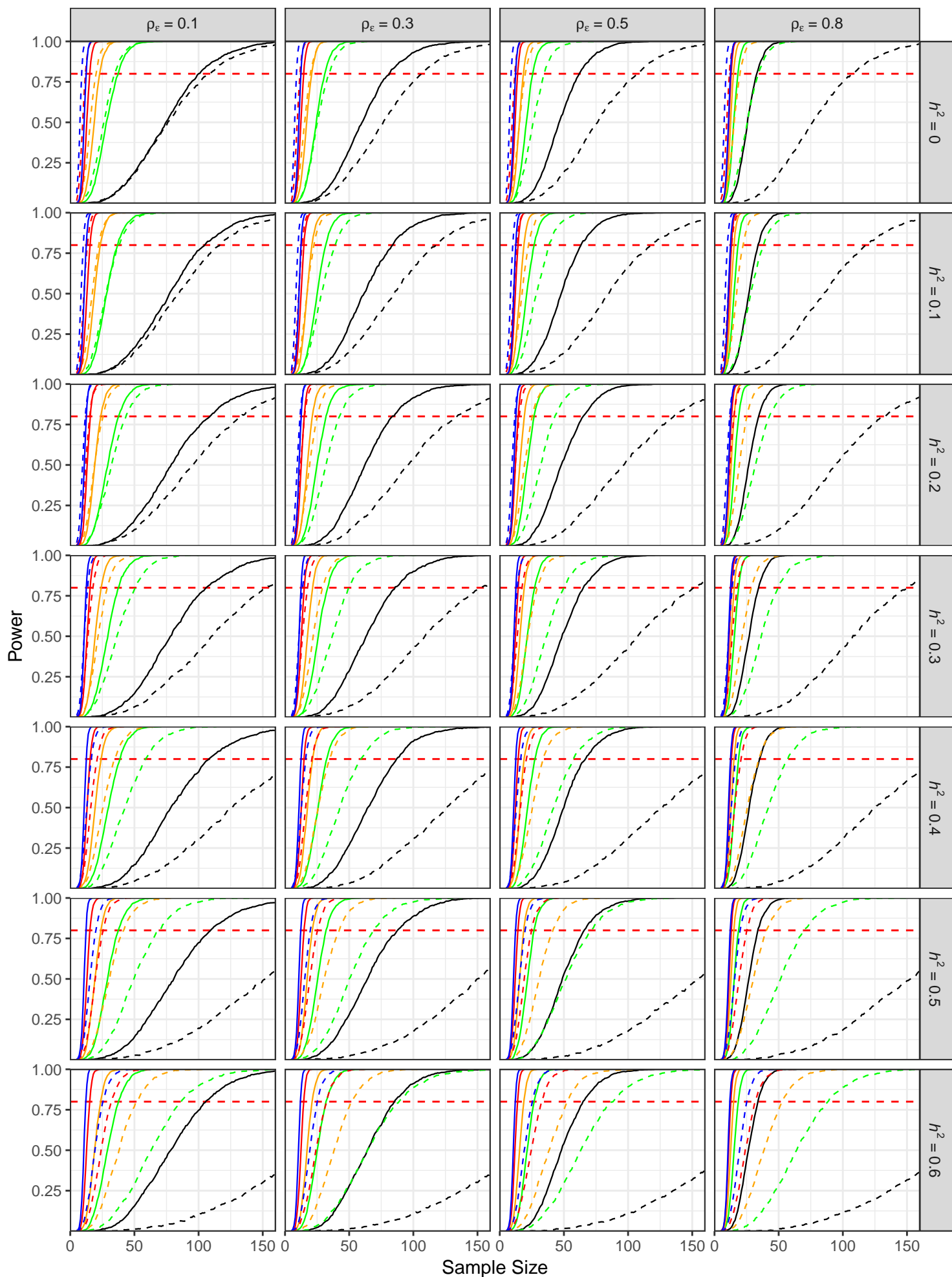
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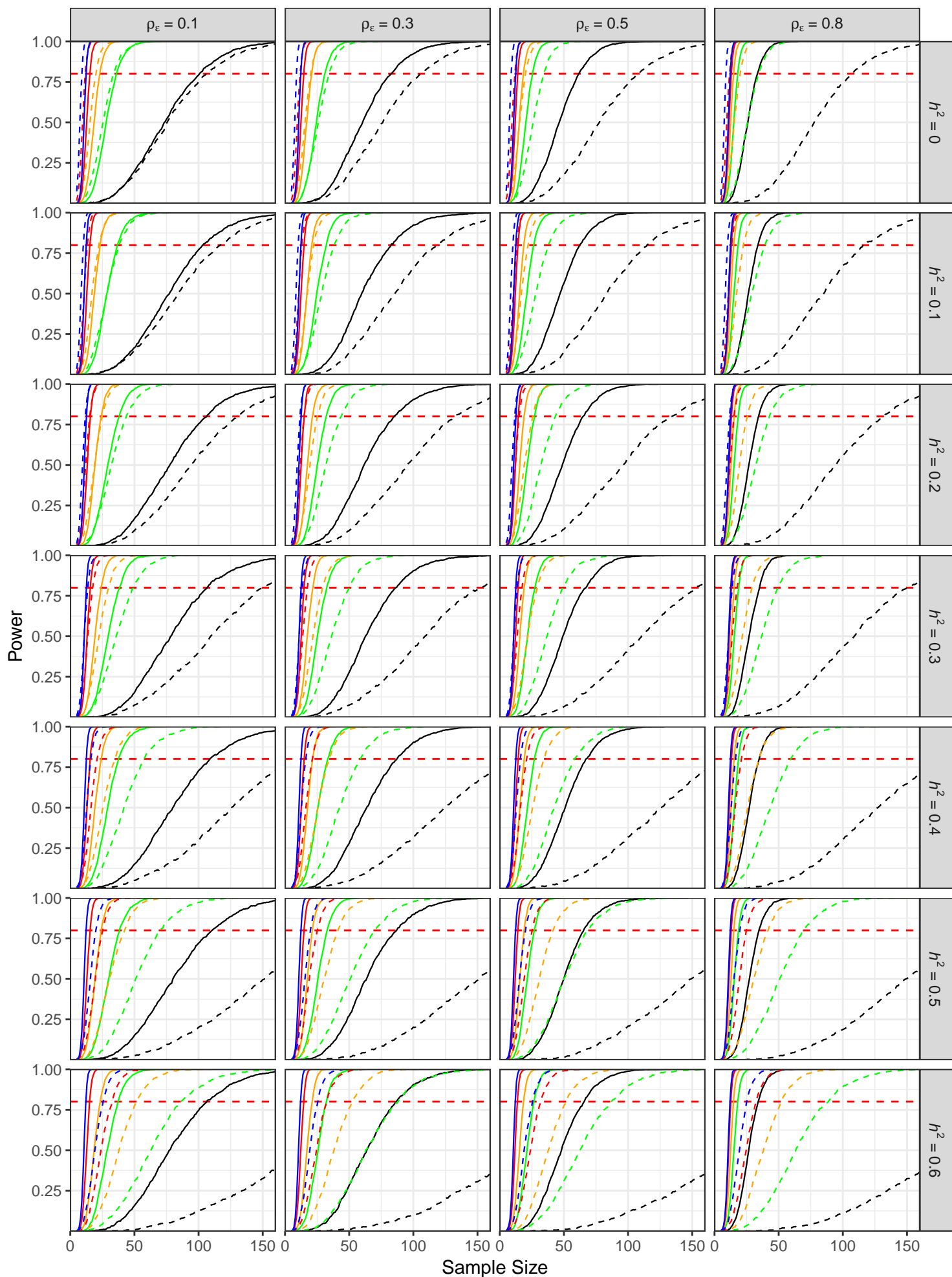
$R^2_{M,E}$ — 0.1 — 0.3 — 0.5 — 0.8 — 1

Design - - Ordinary Case-control — Discordant Twin

$P_K = 0.05$, $E(M) = 3.36$, $Var(M) = 3$



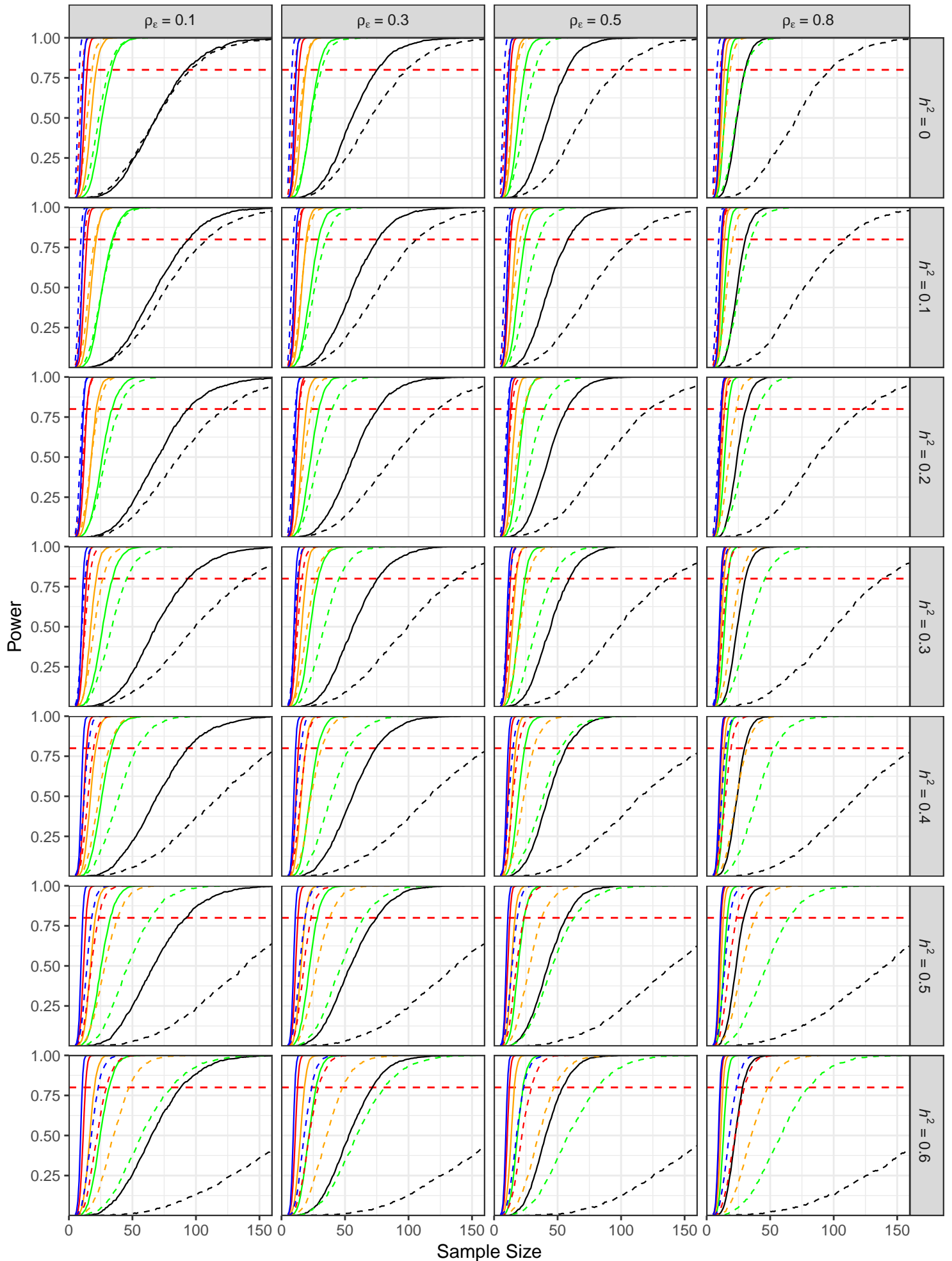
$P_K = 0.05$, $E(M) = 3.36$, $Var(M) = 4$



$R^2_{M,E}$ — 0.1 — 0.3 — 0.5 — 0.8 — 1

Design - - Ordinary Case-control — Discordant Twin

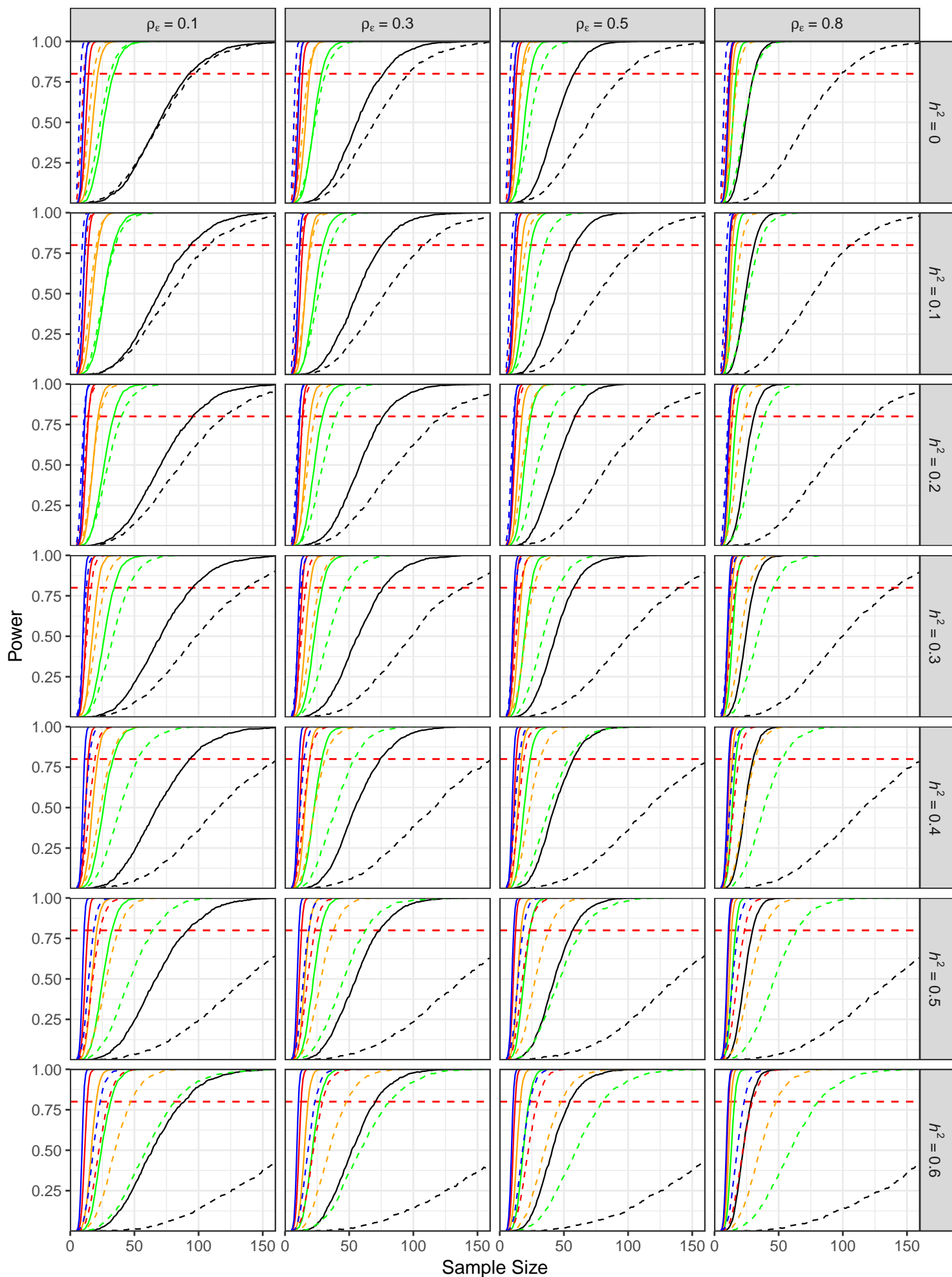
$P_K = 0.1$, $E(M) = -3.78$, $\text{Var}(M) = 0.06$



$R^2_{M,E}$ — 0.1 — 0.3 — 0.5 — 0.8 — 1

Design - - Ordinary Case-control — Discordant Twin

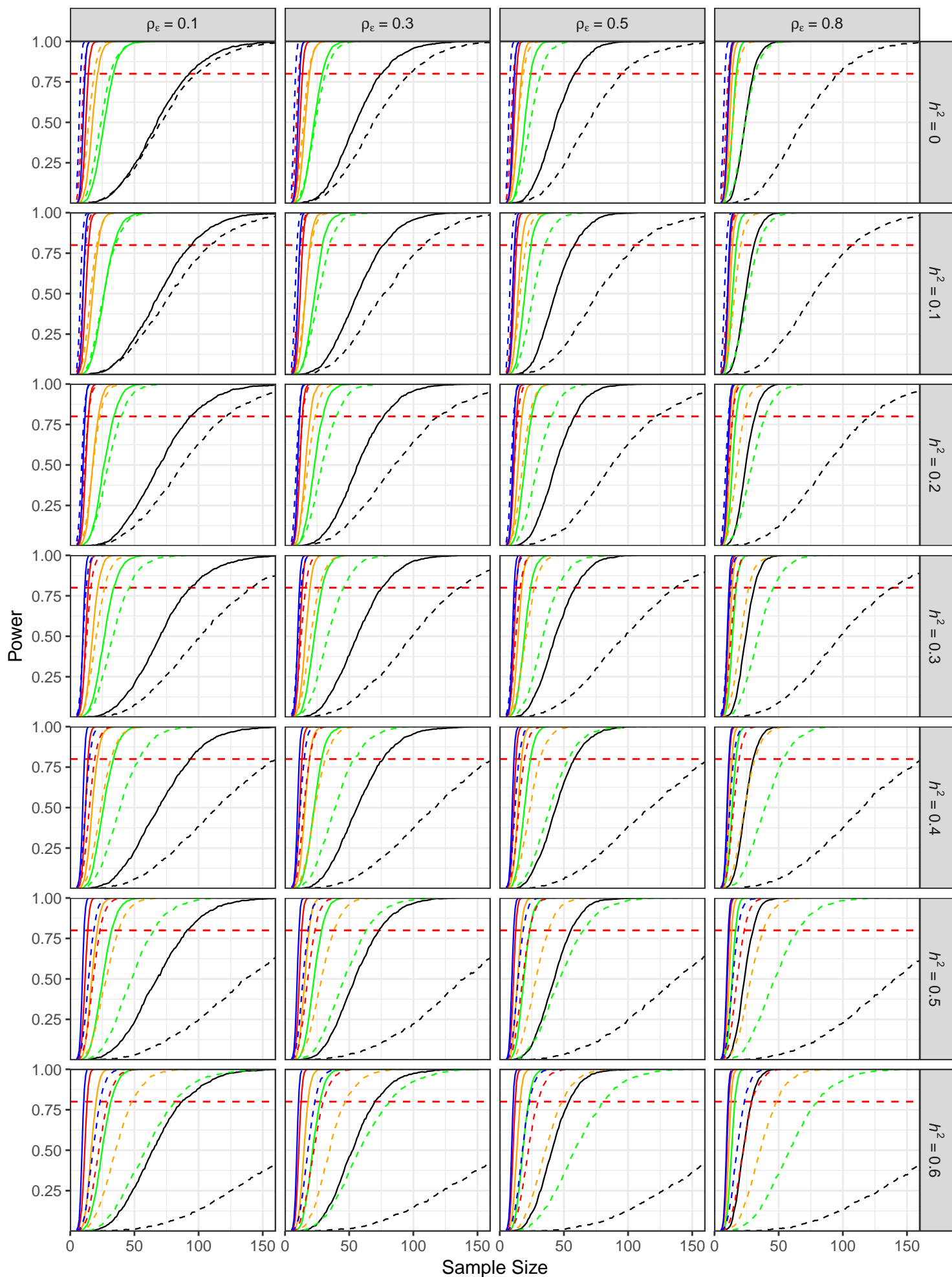
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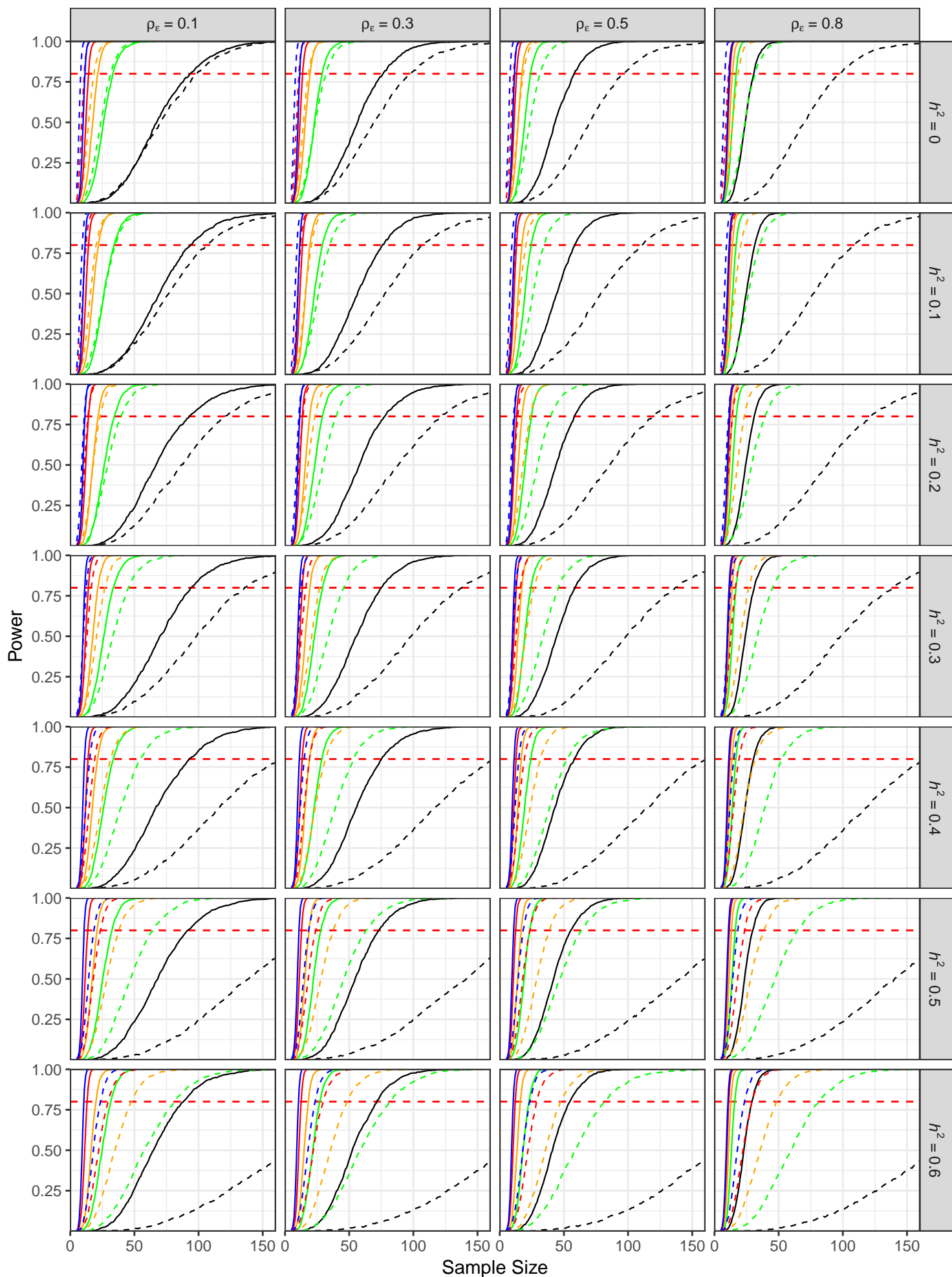
$R^2_{M,E}$ — 0.1 — 0.3 — 0.5 — 0.8 — 1

Design - - Ordinary Case-control — Discordant Twin

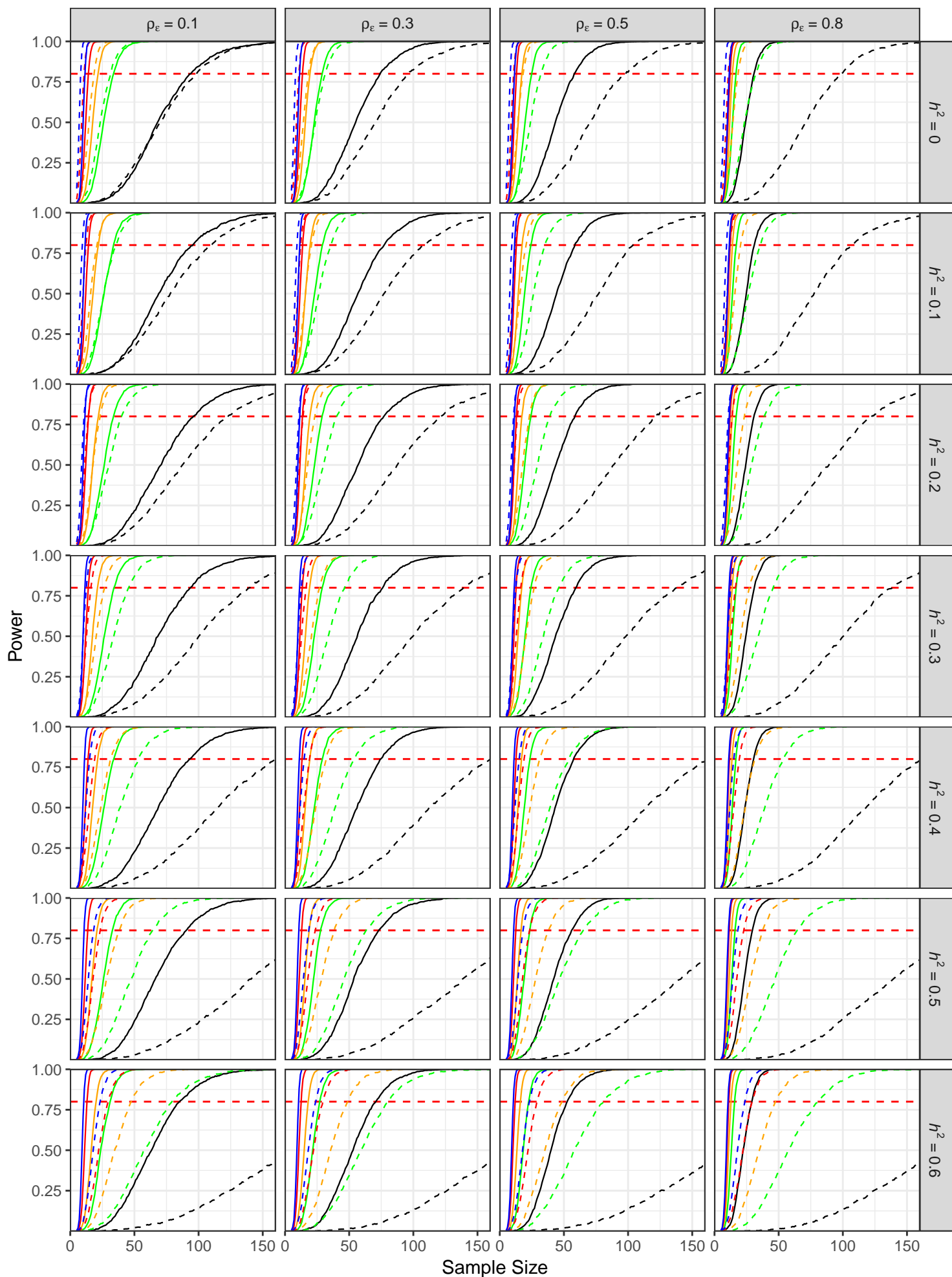
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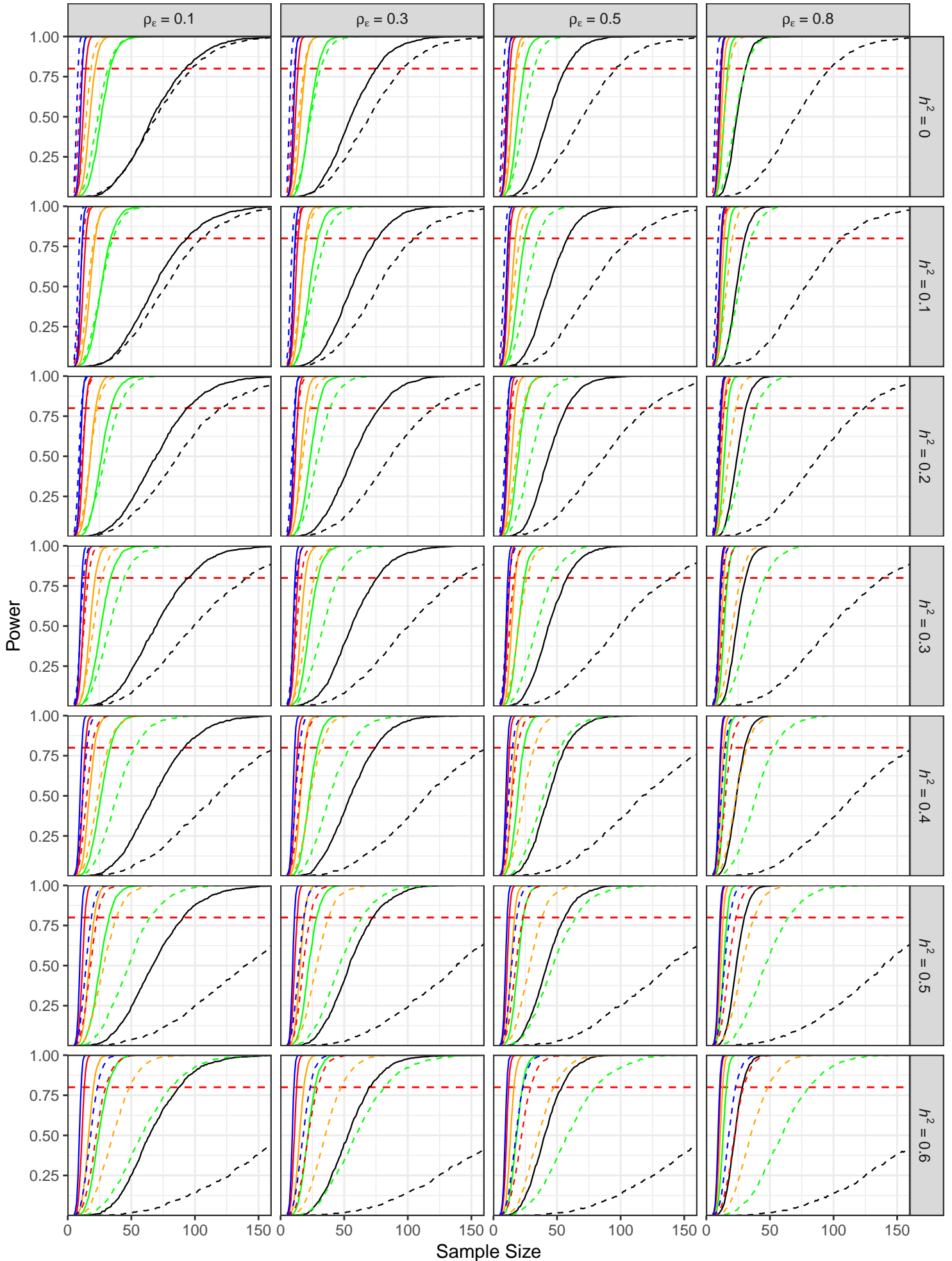
$P_K = 0.1$, $E(M) = -3.78$, $Var(M) = 3$



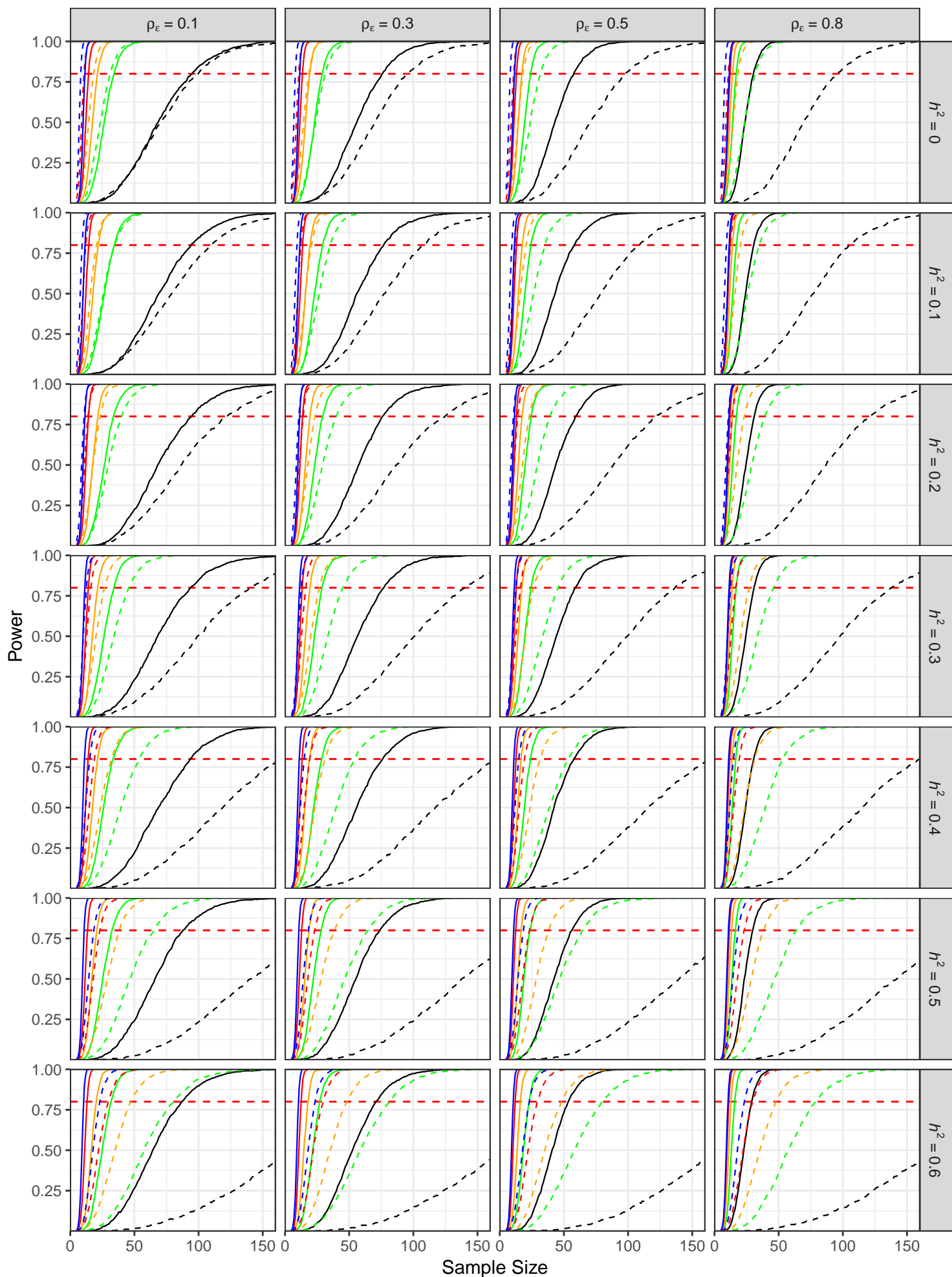
$P_K = 0.1$, $E(M) = -3.78$, $Var(M) = 4$



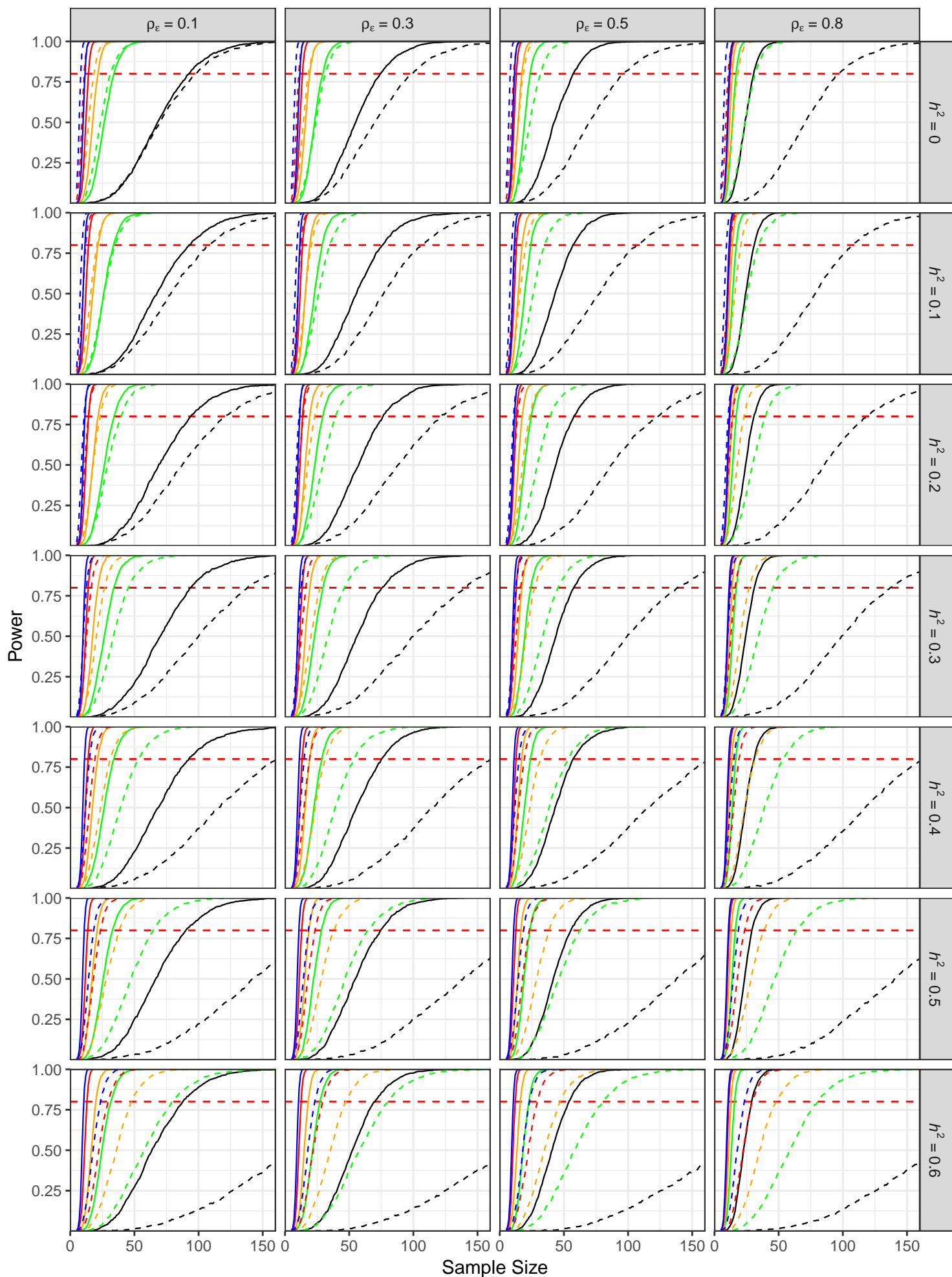
$P_K = 0.1$, $E(M) = 3.36$, $Var(M) = 0.06$



$P_K = 0.1$, $E(M) = 3.36$, $Var(M) = 1$



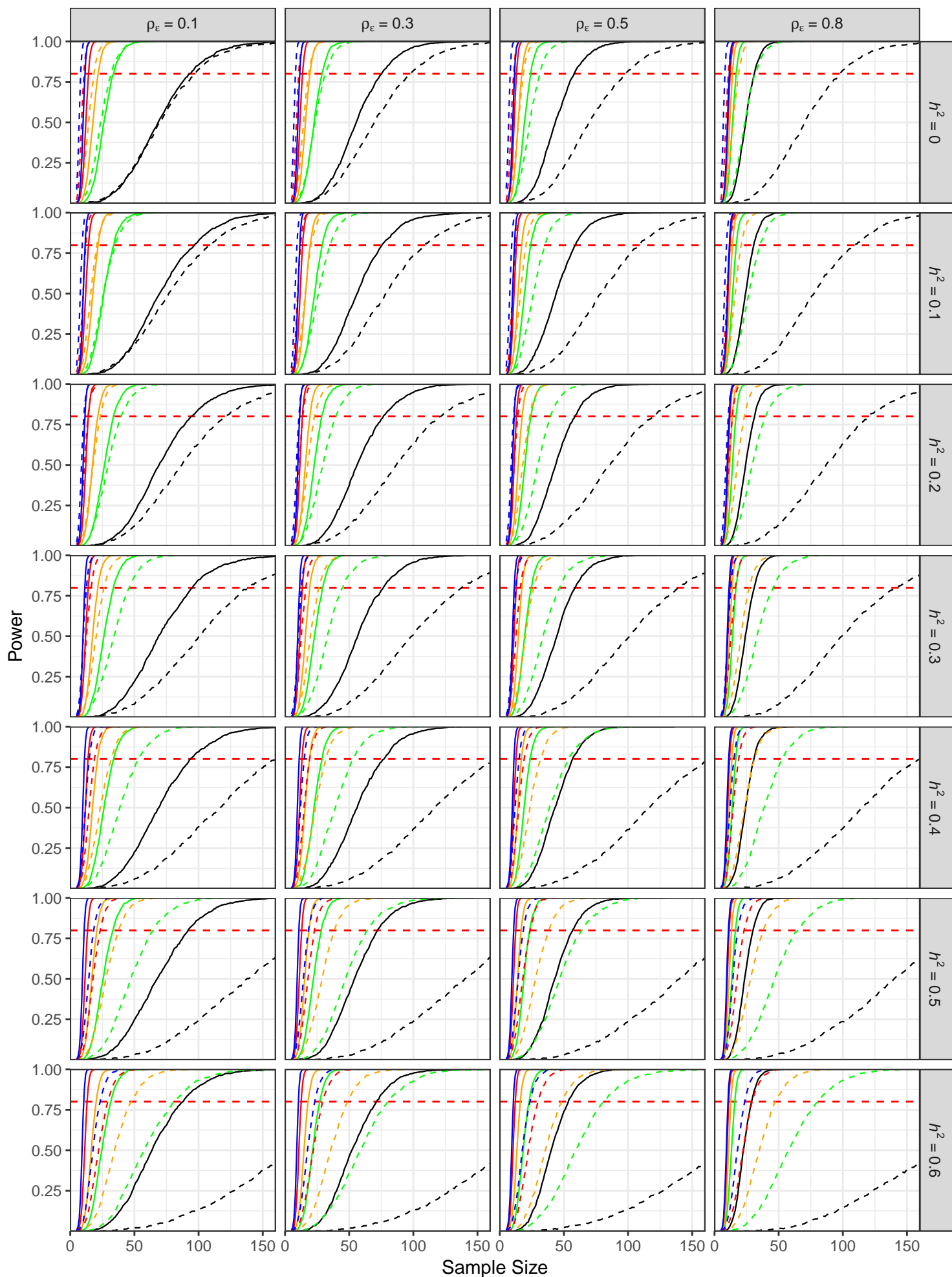
$$P_K = 0.1, E(M) = 3.36, \text{Var}(M) = 2$$



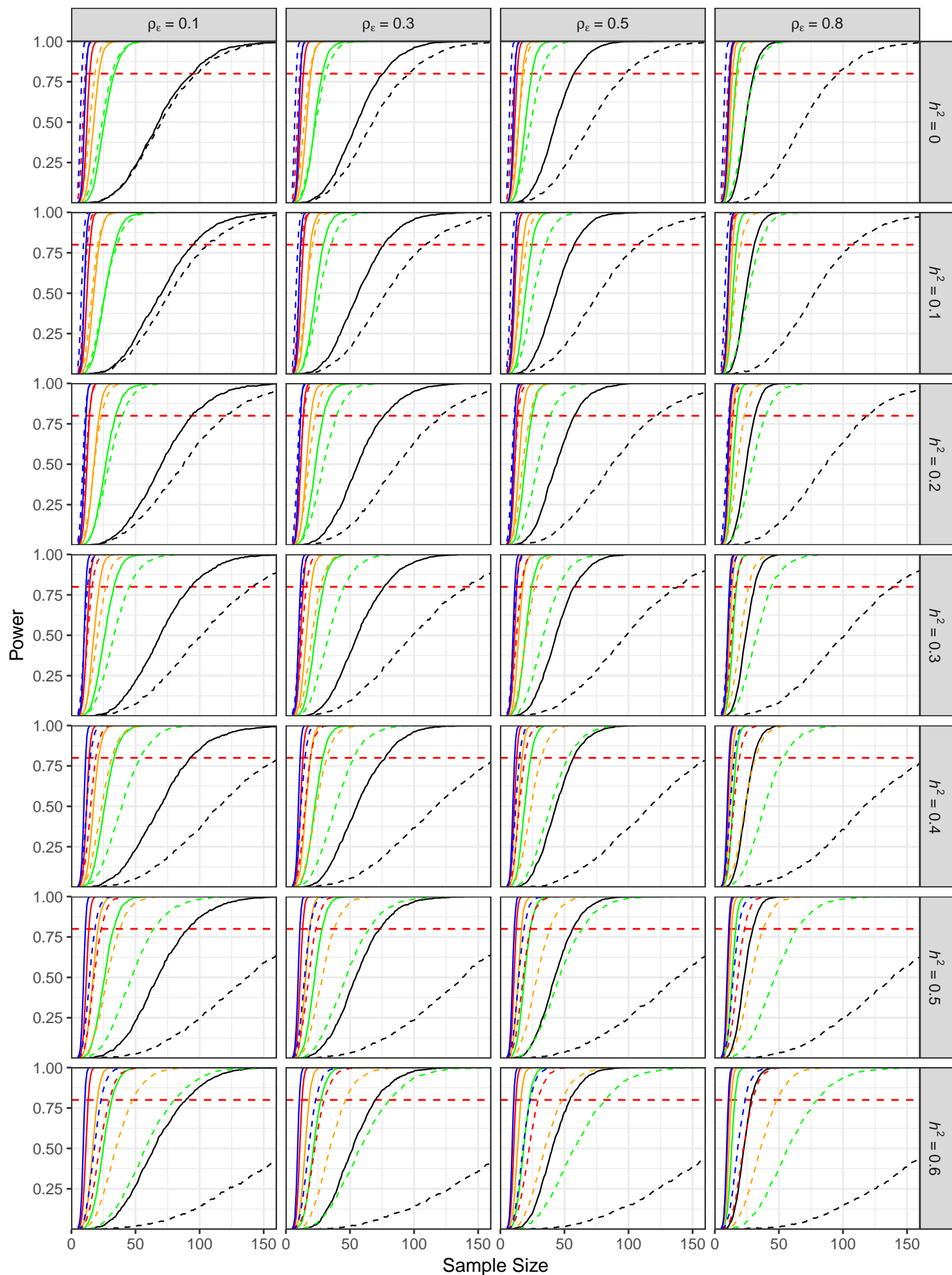
$R^2_{M,E}$ — 0.1 — 0.3 — 0.5 — 0.8 — 1

Design - - Ordinary Case-control — Discordant Twin

$P_K = 0.1$, $E(M) = 3.36$, $Var(M) = 3$



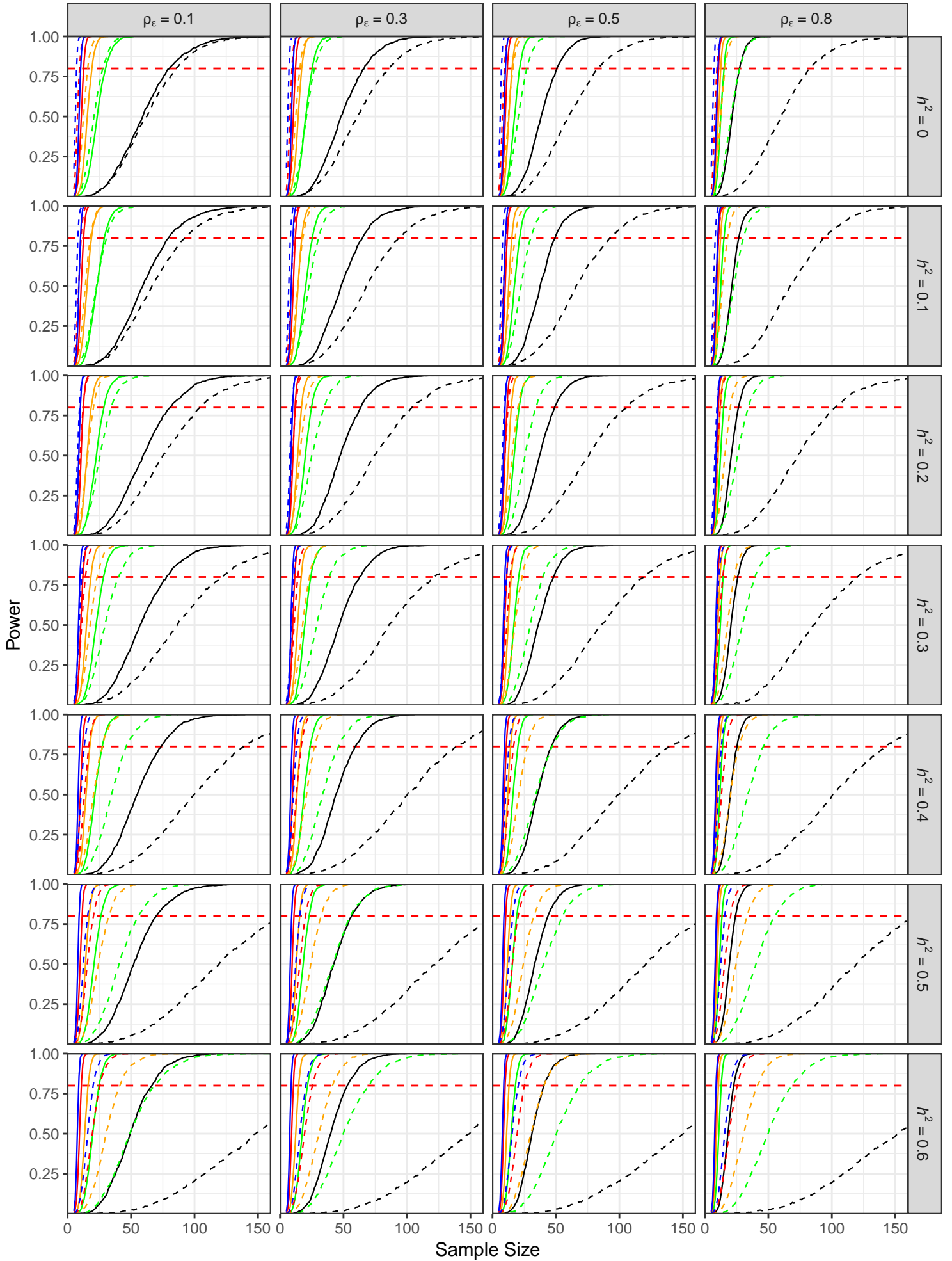
$P_K = 0.1$, $E(M) = 3.36$, $\text{Var}(M) = 4$



$R^2_{M,E}$ — 0.1 — 0.3 — 0.5 — 0.8 — 1

Design - - Ordinary Case-control — Discordant Twin

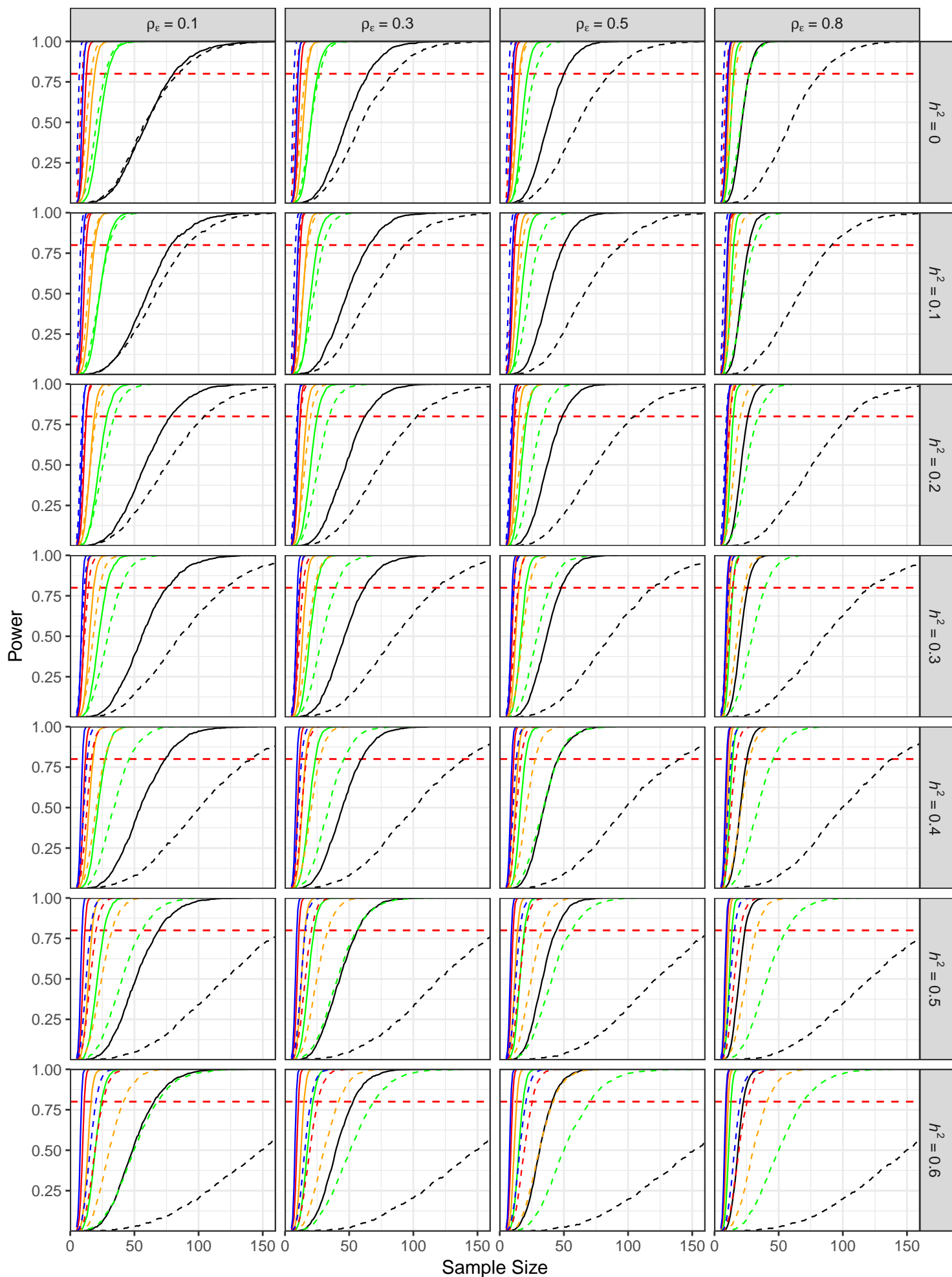
$P_K = 0.2$, $E(M) = -3.78$, $\text{Var}(M) = 0.06$



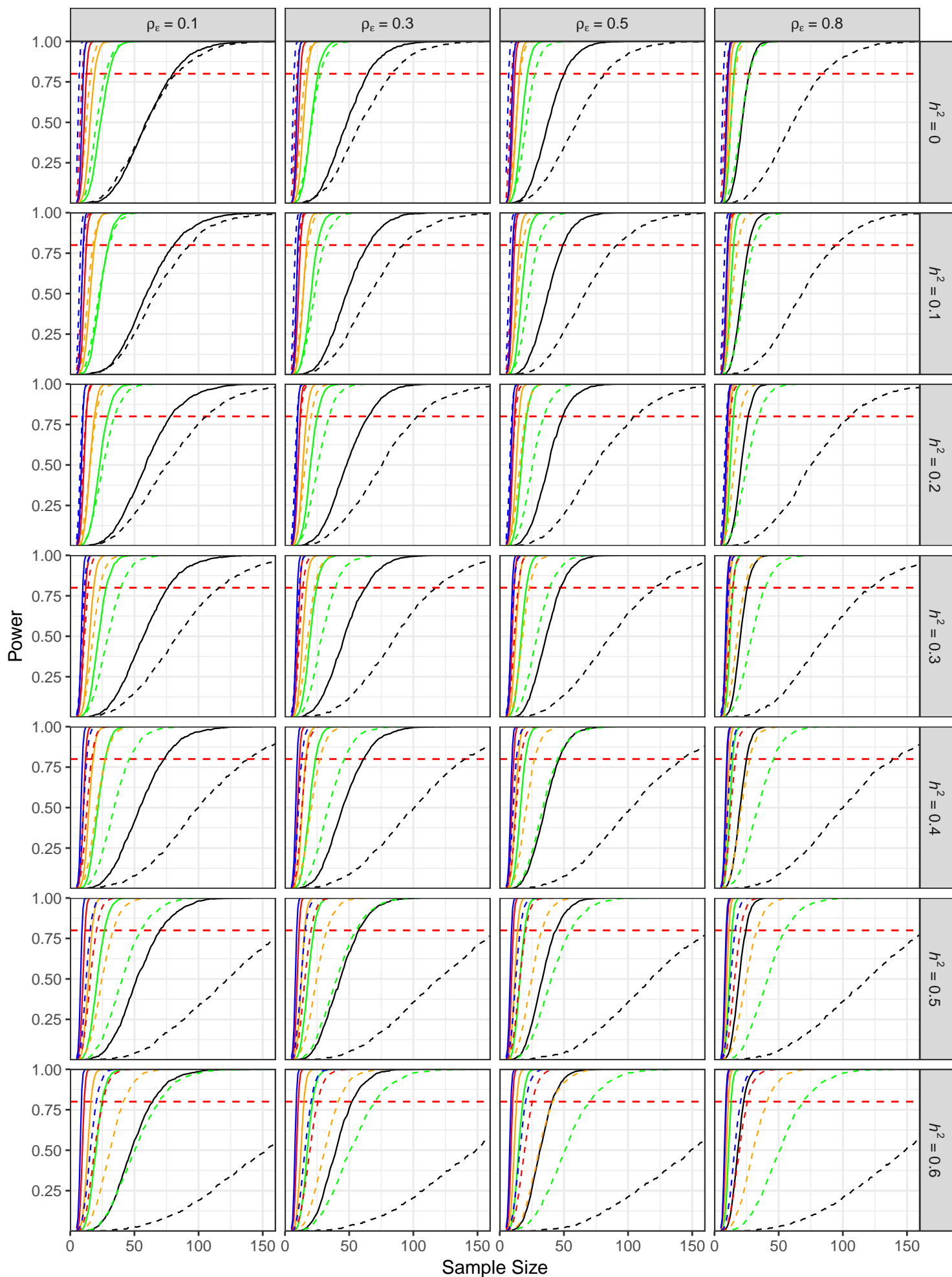
$R^2_{M,E}$ — 0.1 — 0.3 — 0.5 — 0.8 — 1

Design - - Ordinary Case-control — Discordant Twin

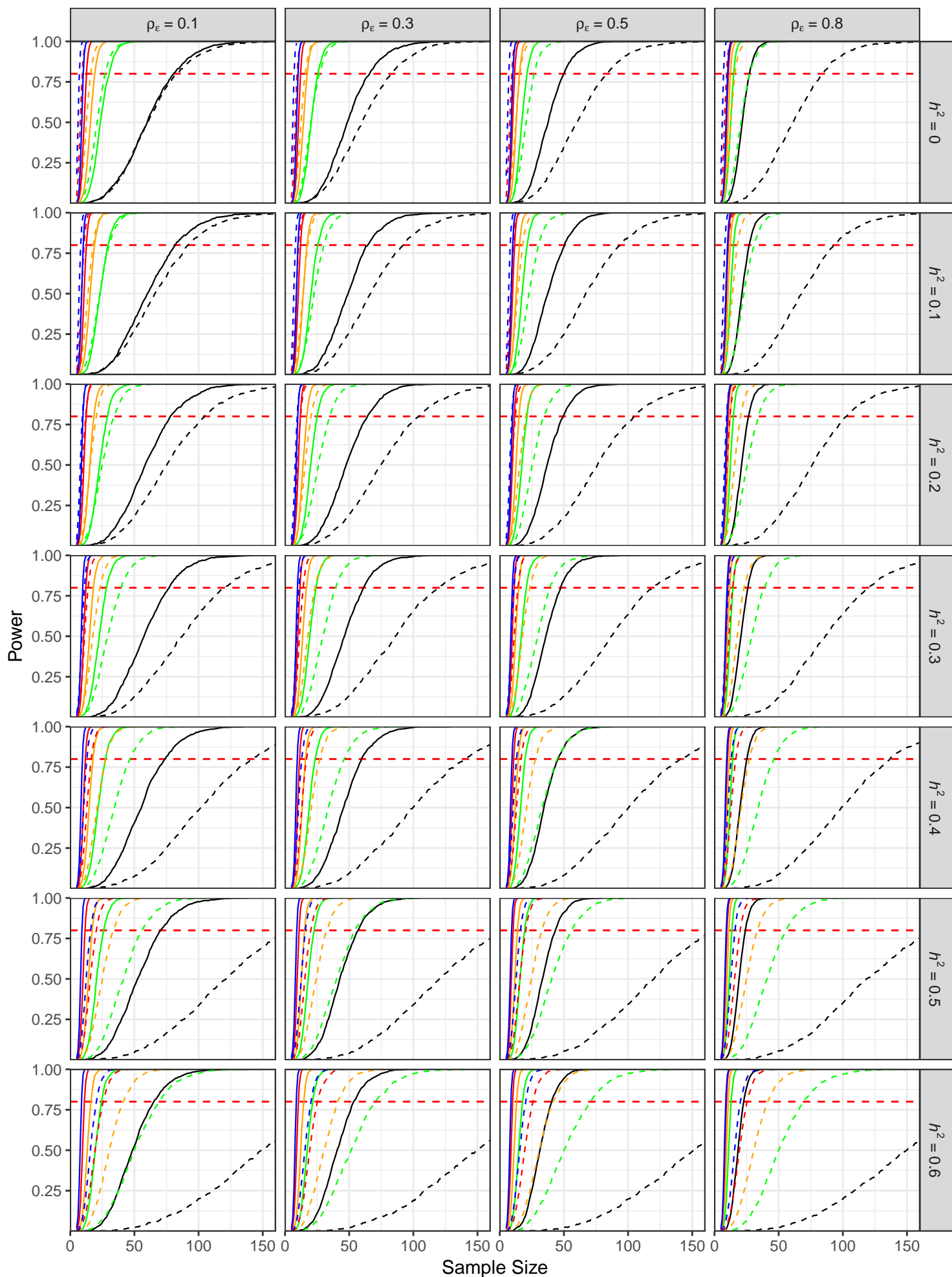
$P_K = 0.2$, $E(M) = -3.78$, $\text{Var}(M) = 1$



$P_K = 0.2$, $E(M) = -3.78$, $\text{Var}(M) = 2$



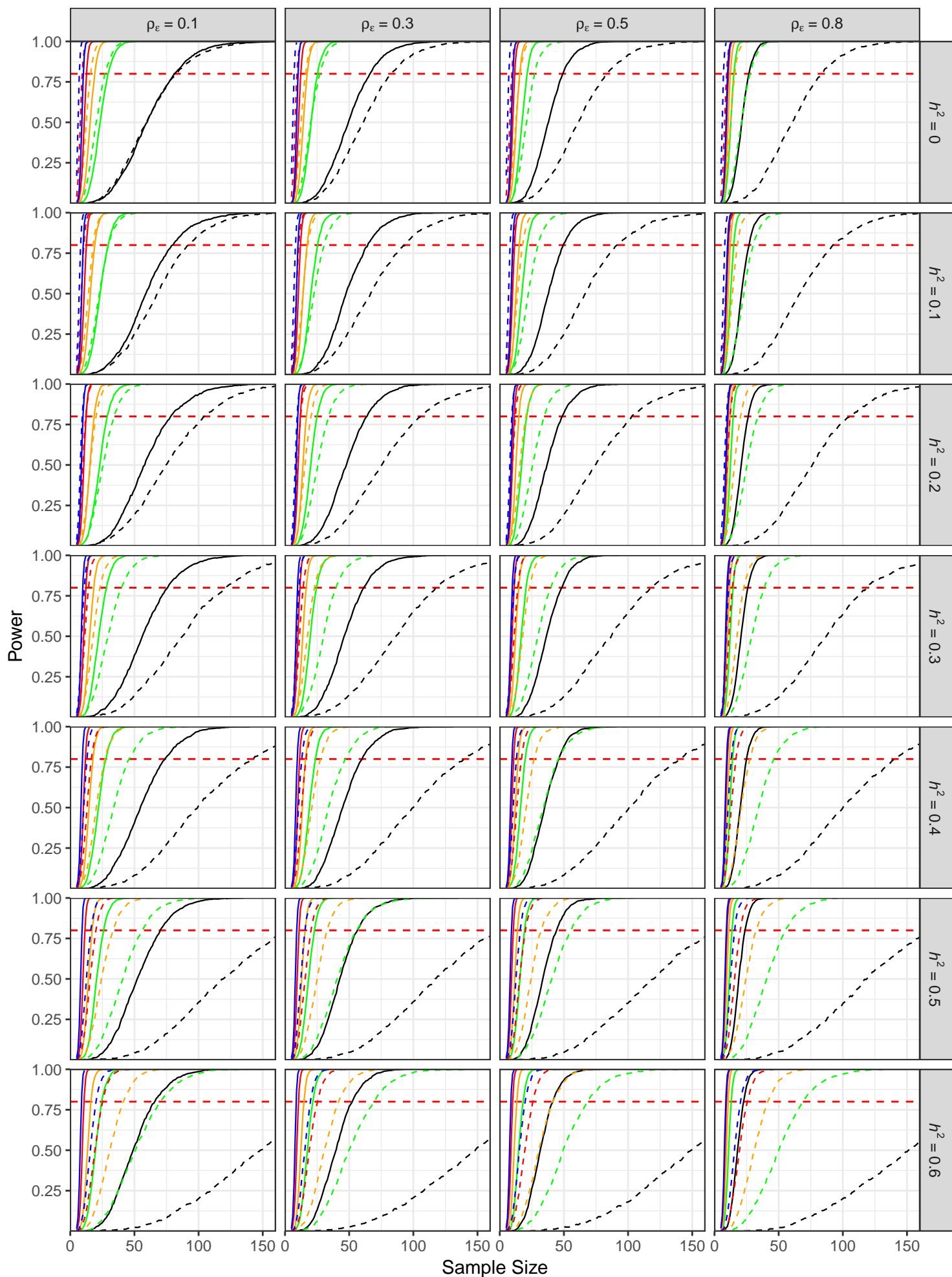
$P_K = 0.2$, $E(M) = -3.78$, $Var(M) = 3$



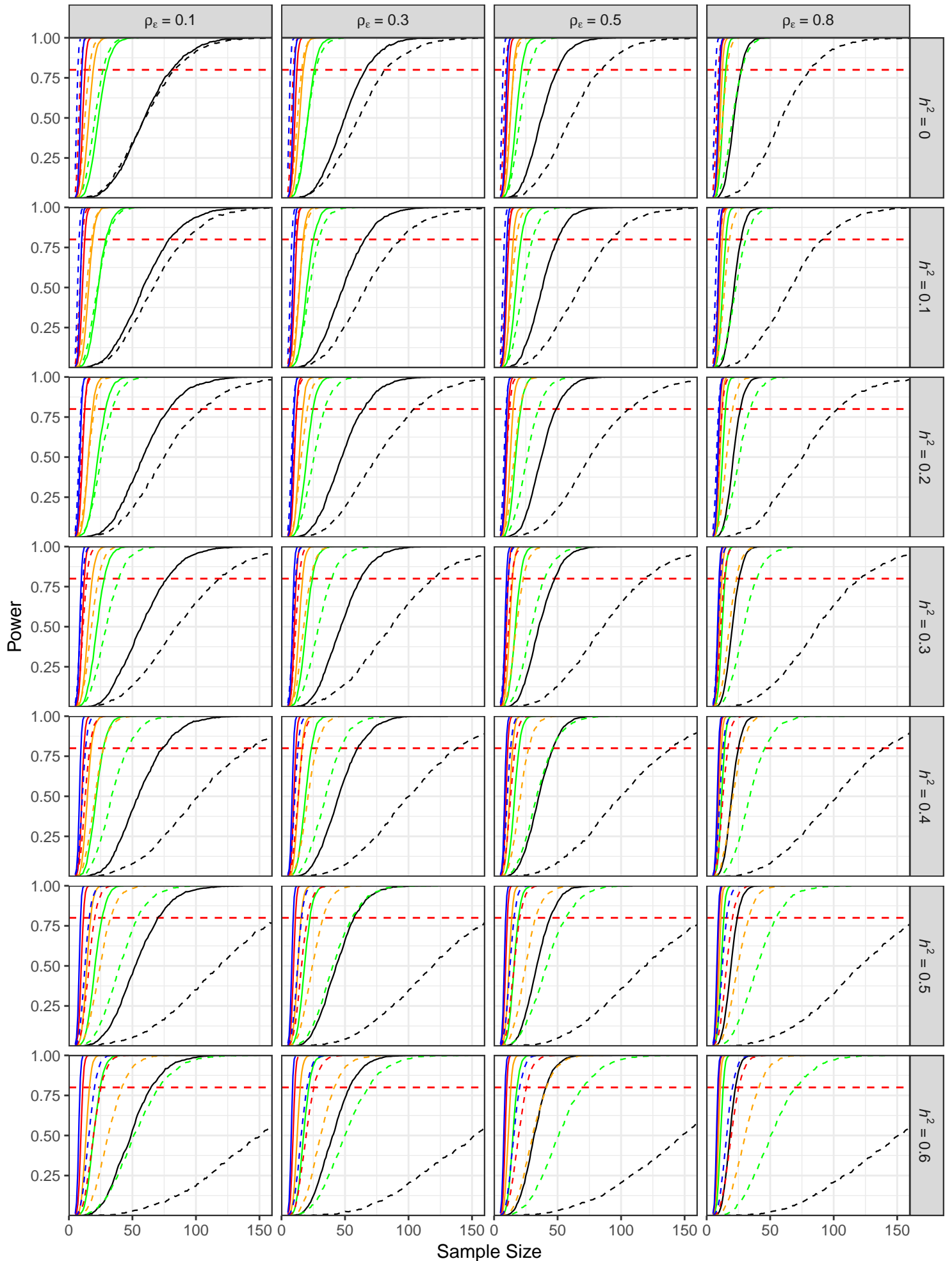
$R^2_{M,E}$ — 0.1 — 0.3 — 0.5 — 0.8 — 1

Design - - Ordinary Case-control — Discordant Twin

$P_K = 0.2$, $E(M) = -3.78$, $Var(M) = 4$



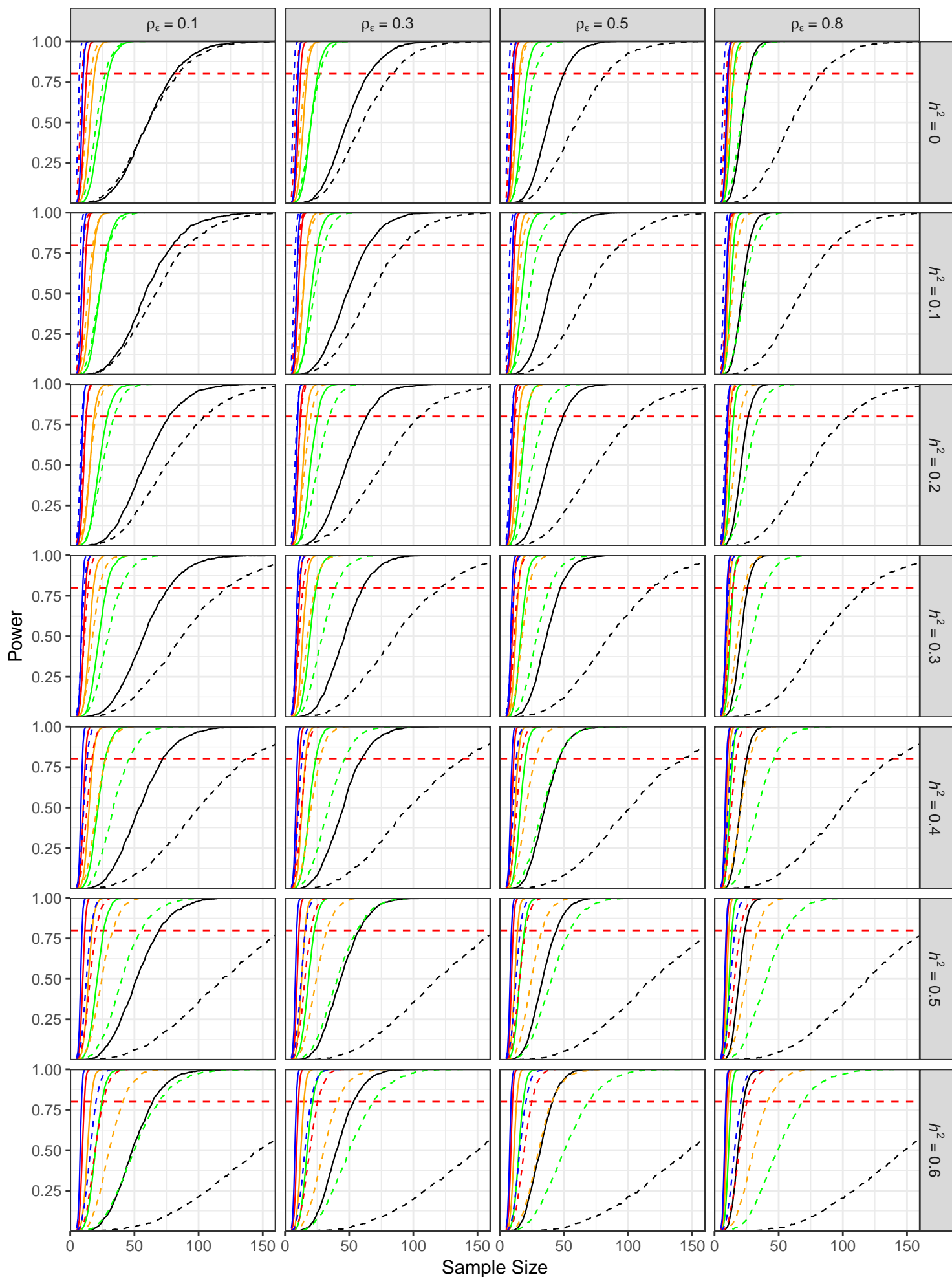
$P_K = 0.2$, $E(M) = 3.36$, $Var(M) = 0.06$



$R^2_{M,E}$ — 0.1 — 0.3 — 0.5 — 0.8 — 1

Design - - Ordinary Case-control — Discordant Twin

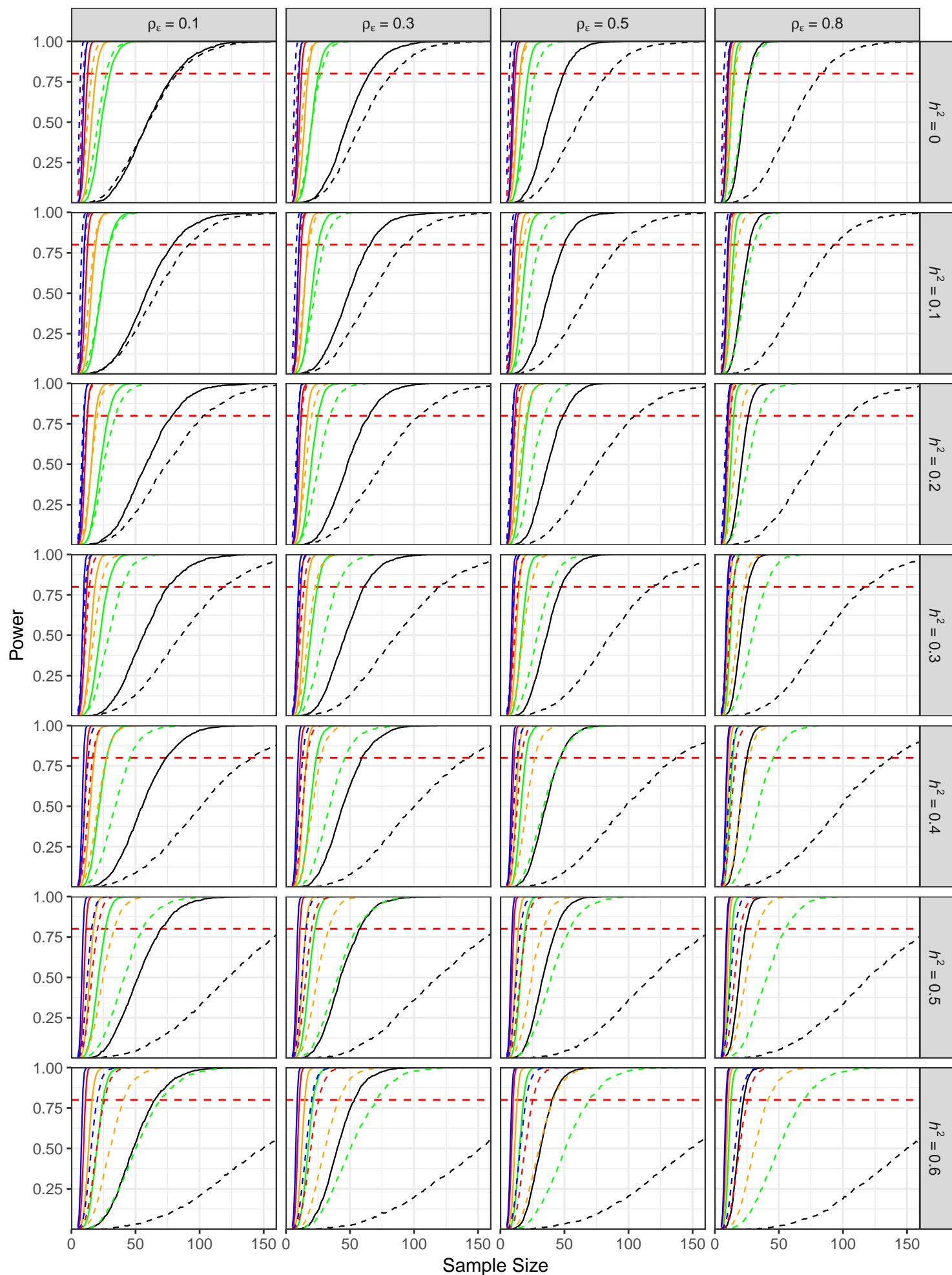
$P_K = 0.2$, $E(M) = 3.36$, $Var(M) = 1$



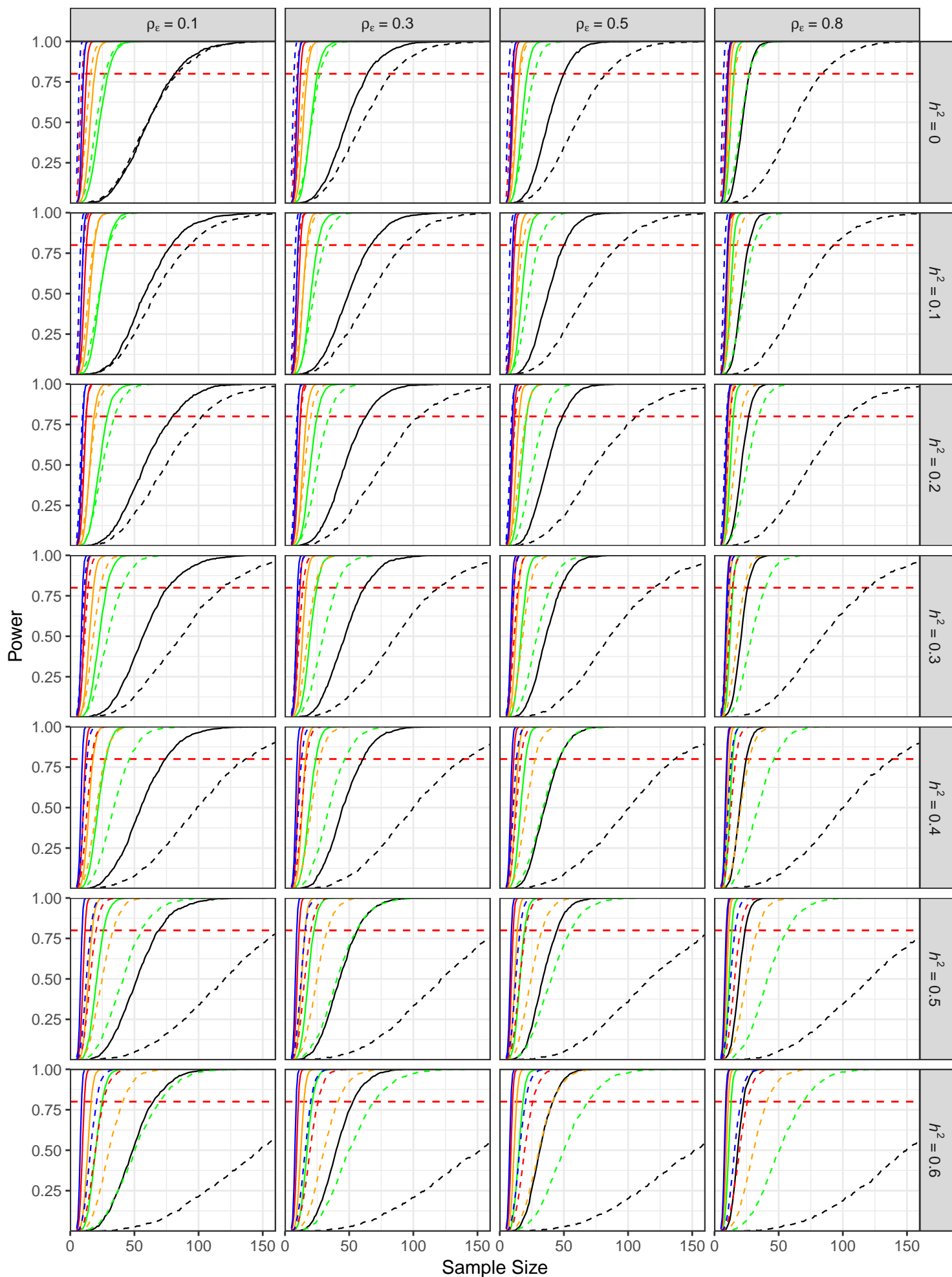
$R^2_{M,E}$ — 0.1 — 0.3 — 0.5 — 0.8 — 1

Design - - Ordinary Case-control — Discordant Twin

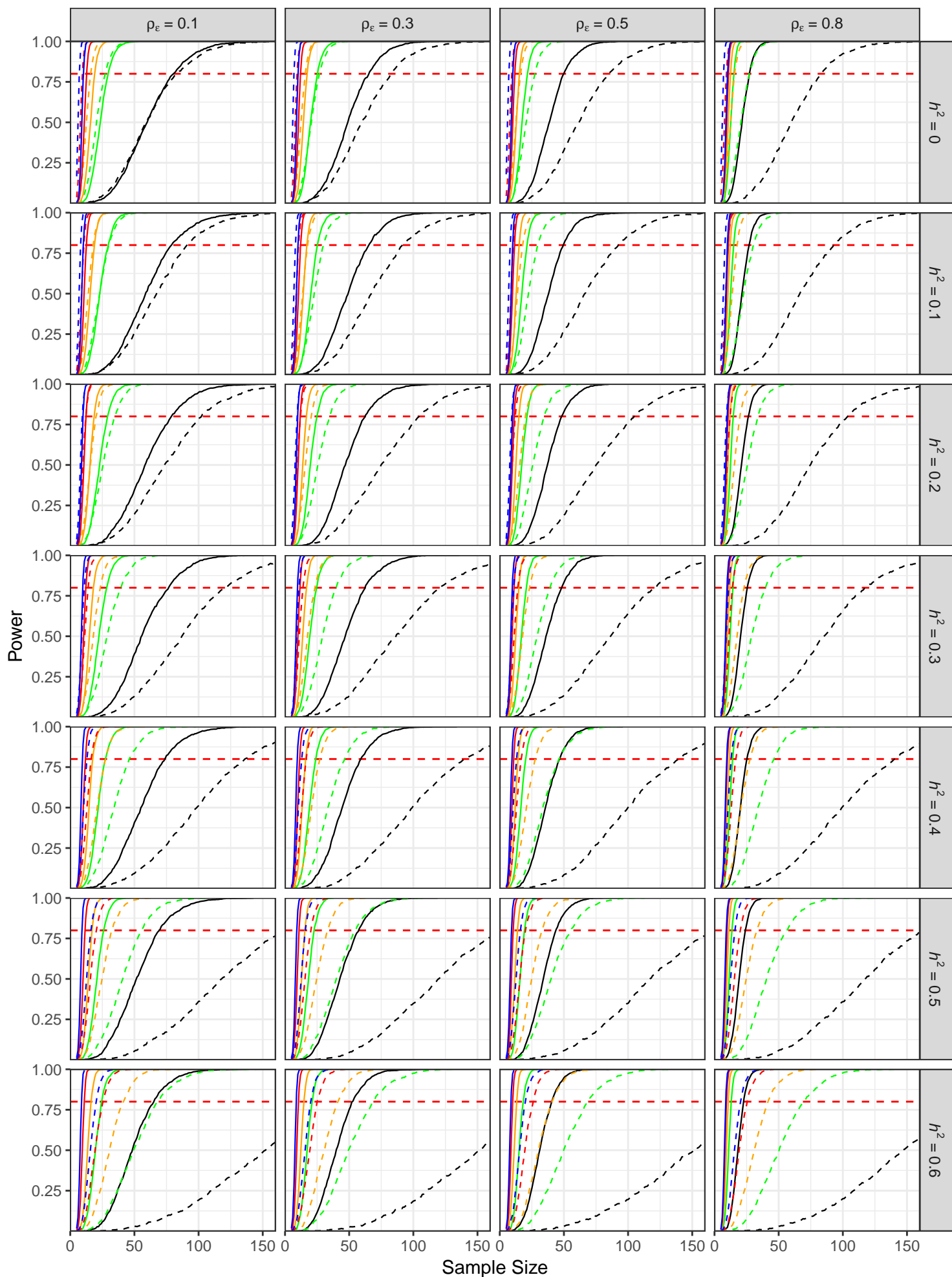
$P_K = 0.2$, $E(M) = 3.36$, $Var(M) = 2$



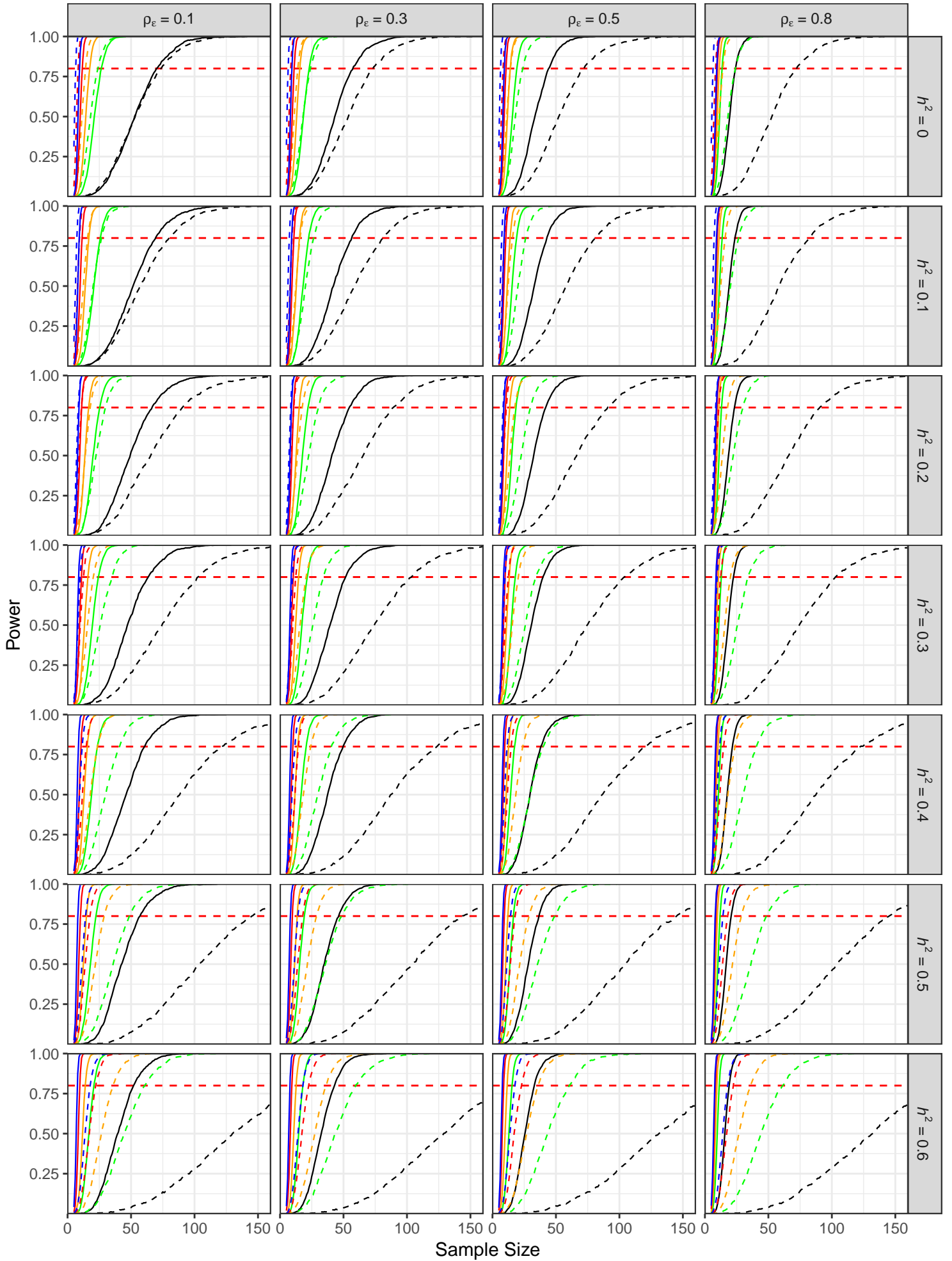
$P_K = 0.2$, $E(M) = 3.36$, $\text{Var}(M) = 3$



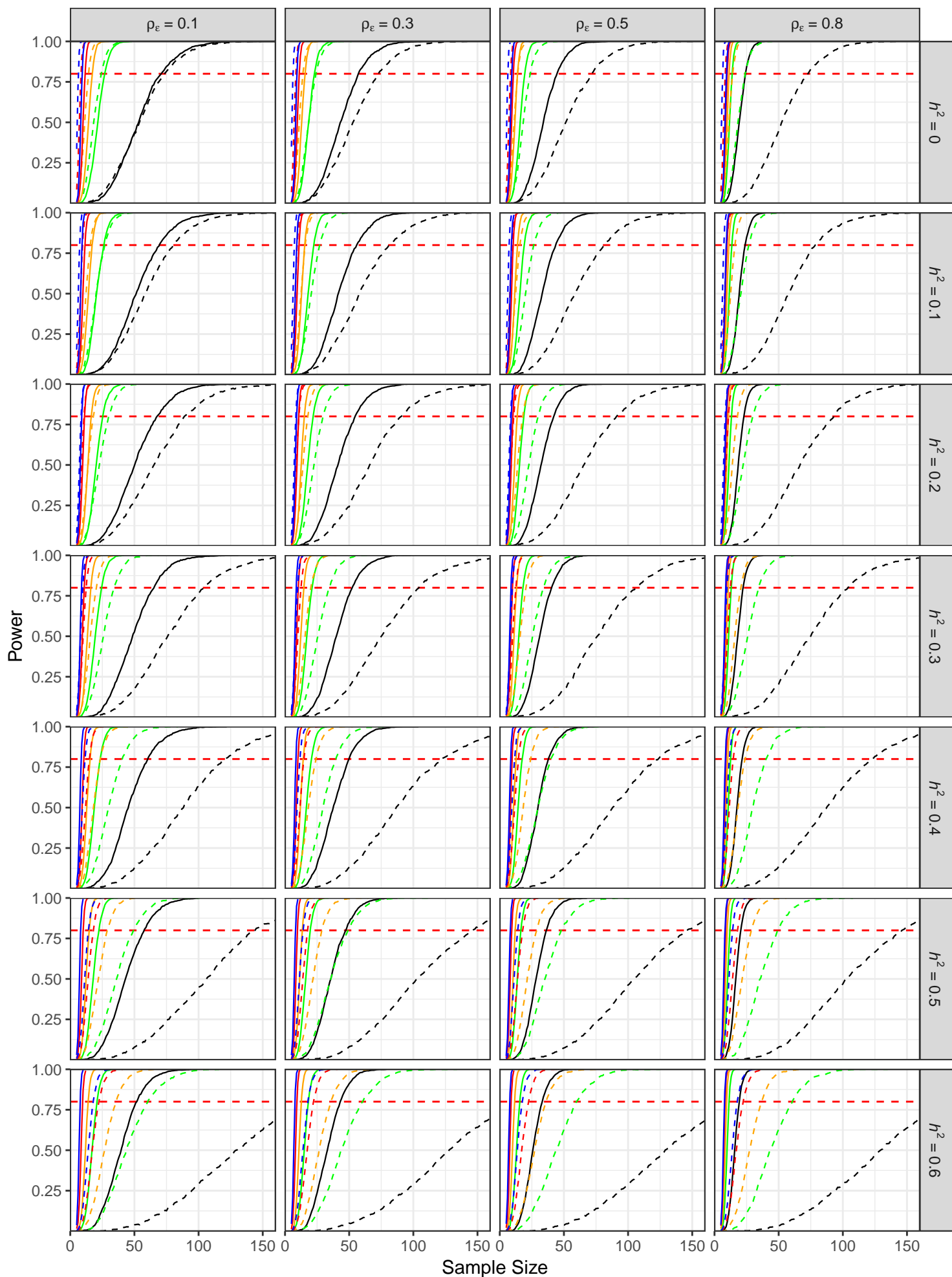
$P_K = 0.2$, $E(M) = 3.36$, $Var(M) = 4$



$P_K = 0.3$, $E(M) = -3.78$, $\text{Var}(M) = 0.06$



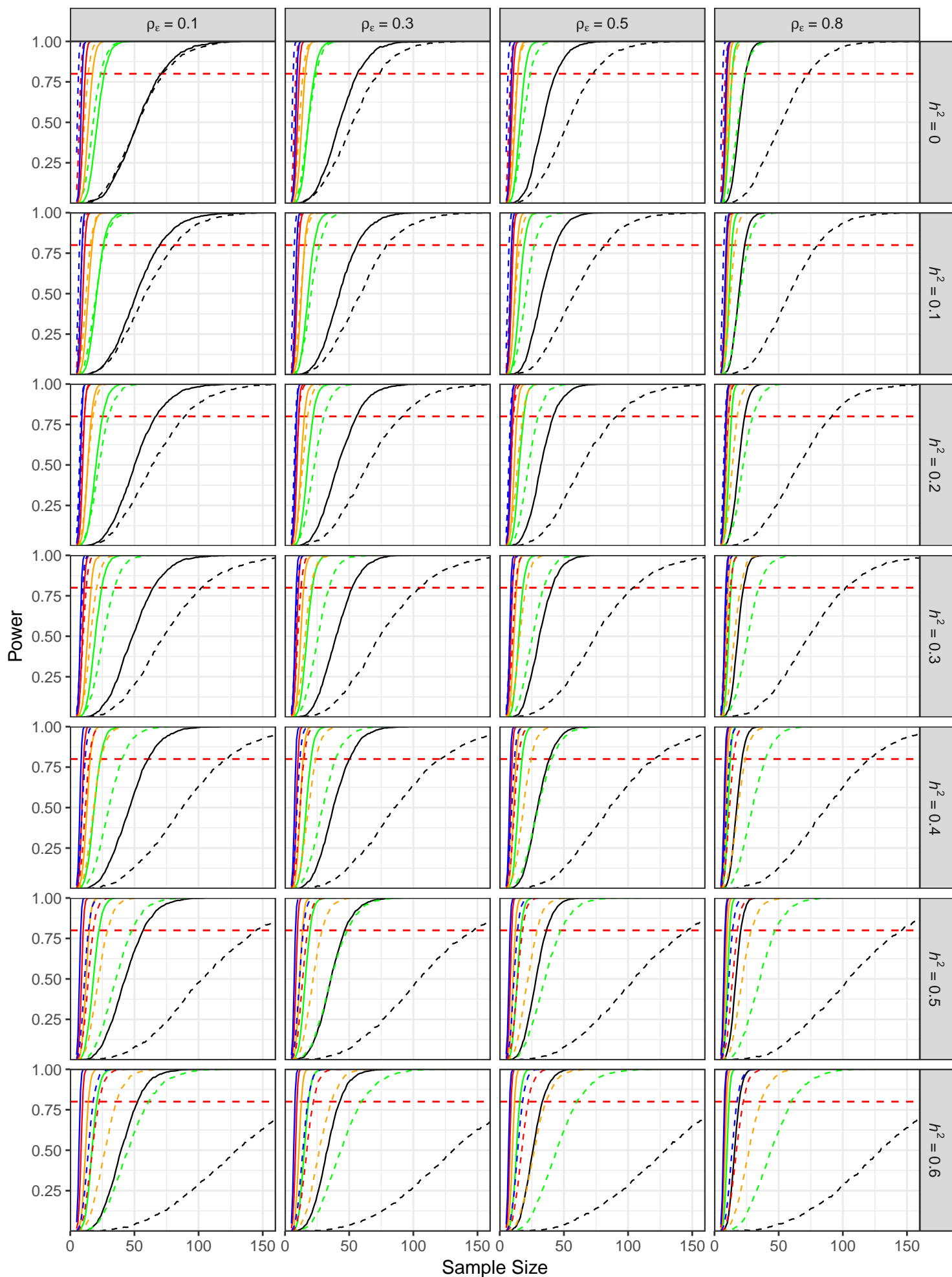
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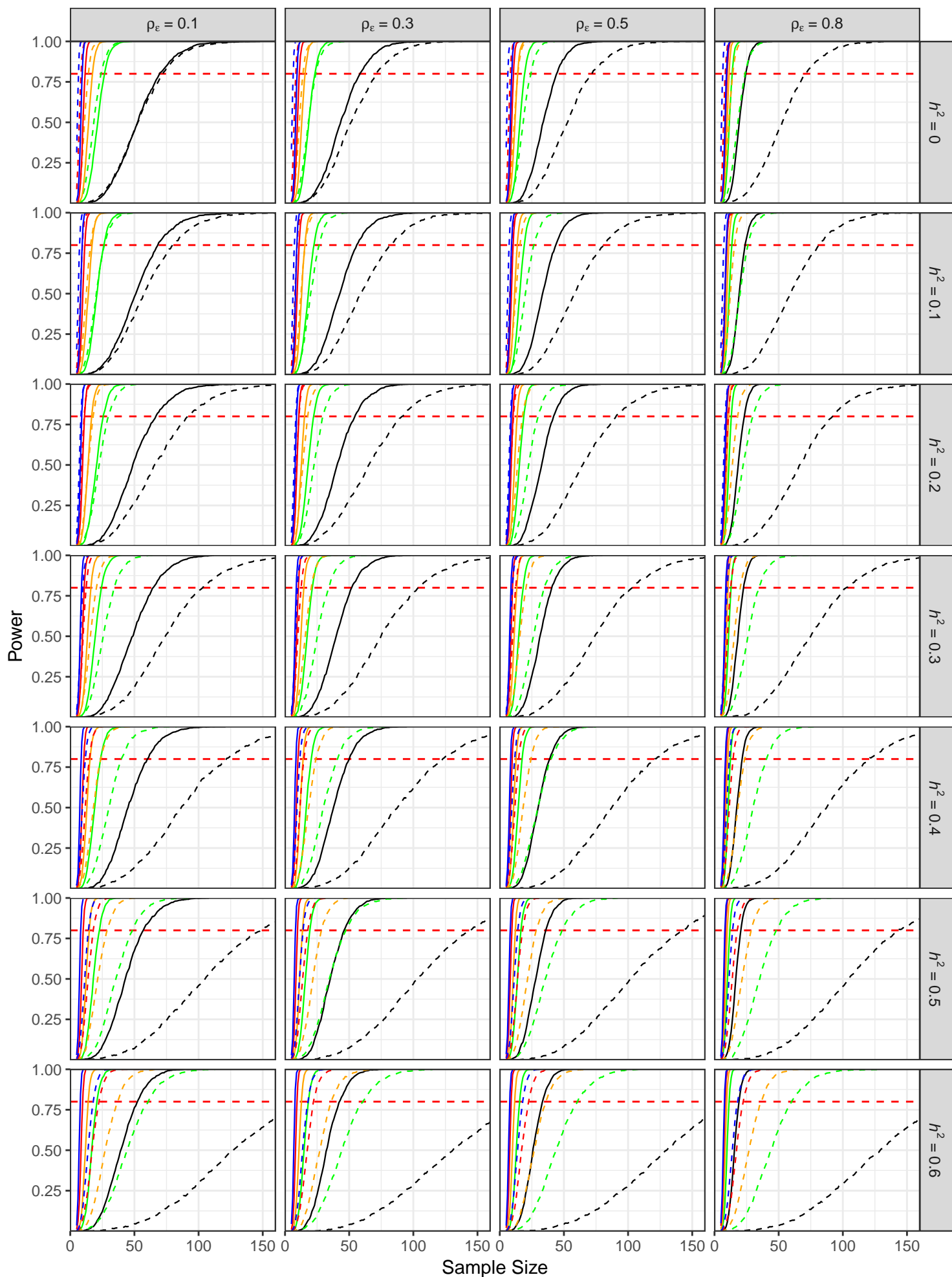
$R^2_{M,E}$ — 0.1 — 0.3 — 0.5 — 0.8 — 1

Design - - Ordinary Case-control — Discordant Twin

$P_K = 0.3$, $E(M) = -3.78$, $\text{Var}(M) = 2$



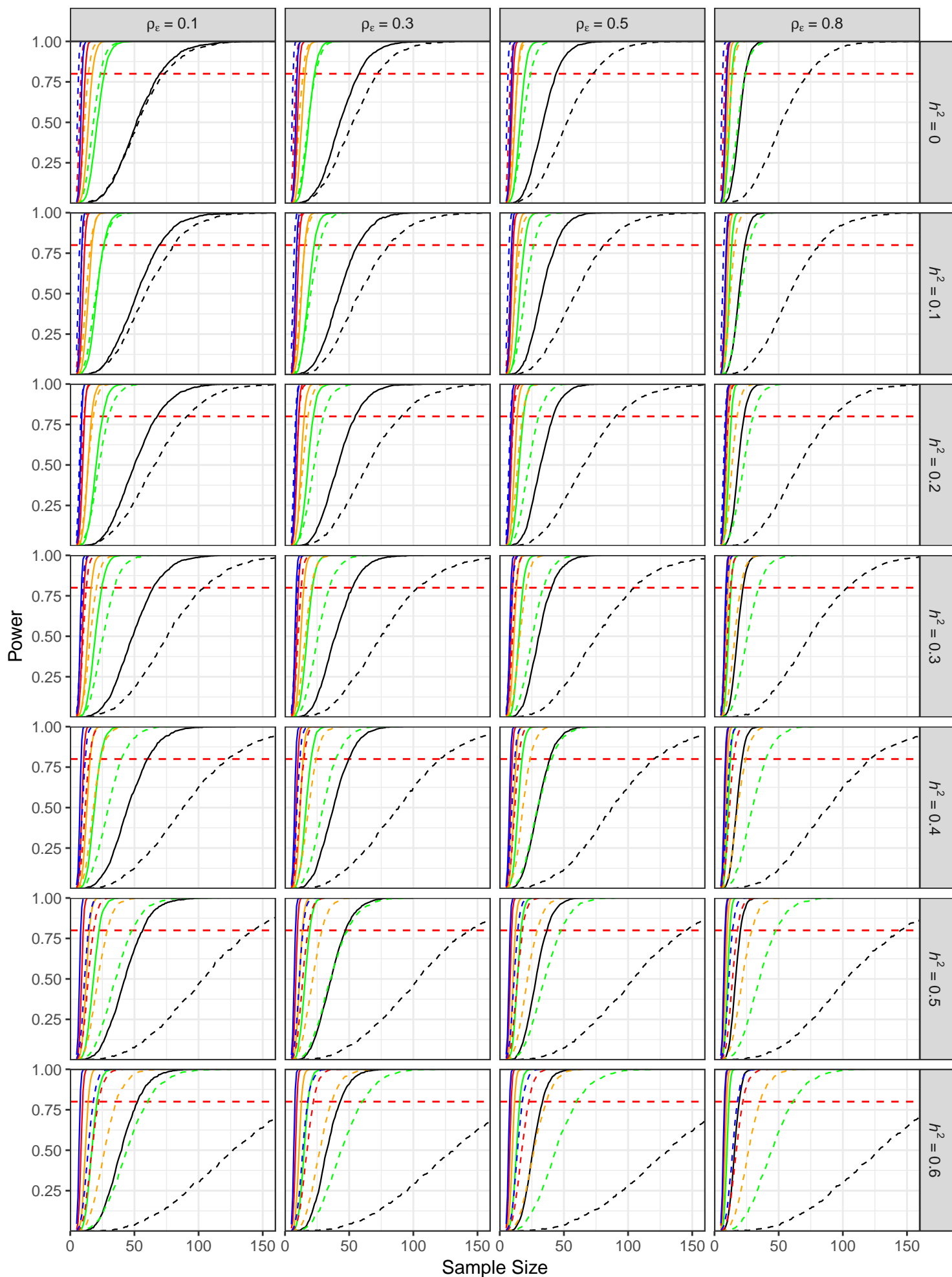
$P_K = 0.3$, $E(M) = -3.78$, $Var(M) = 3$



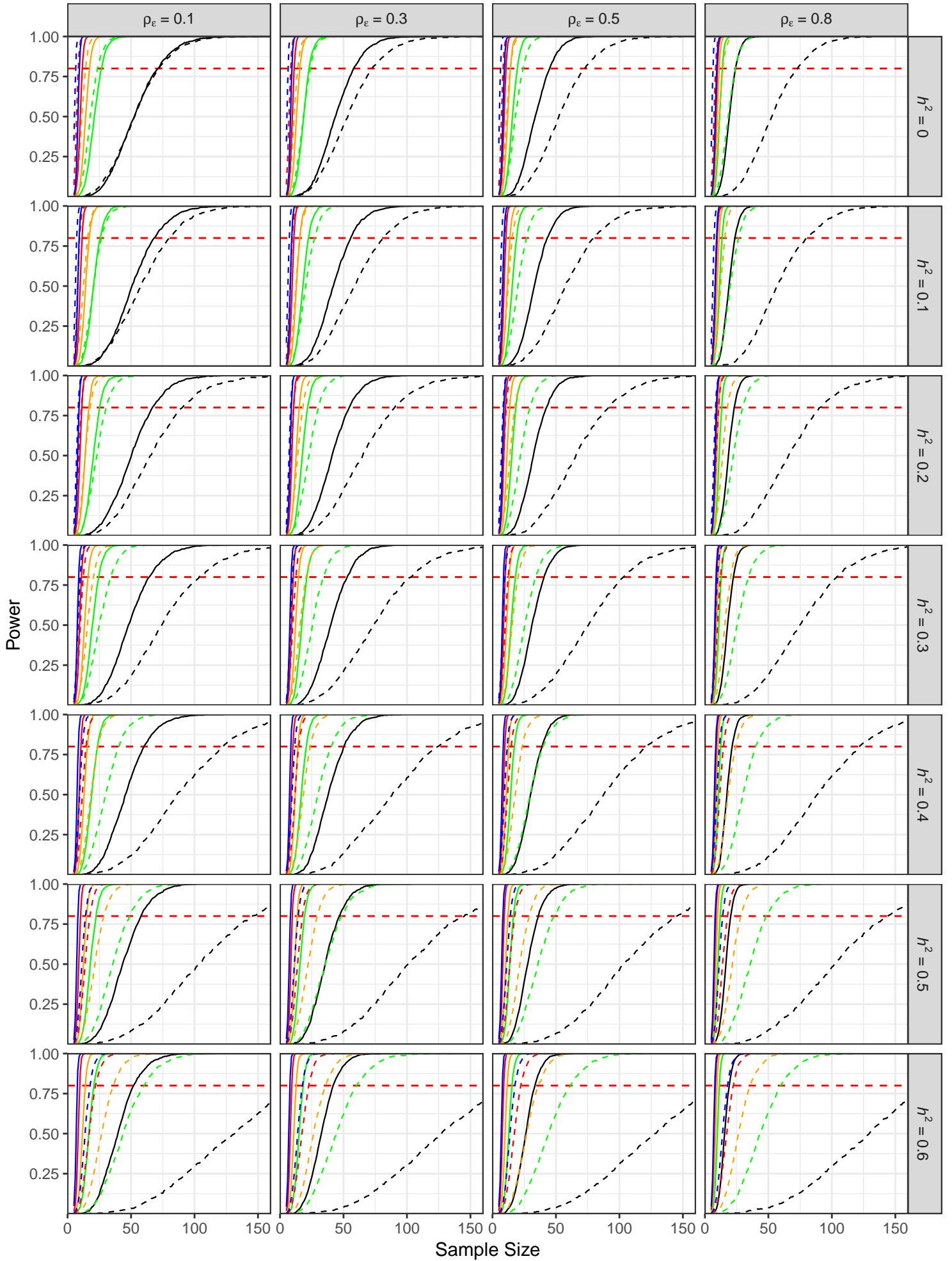
$R^2_{M,E}$ — 0.1 — 0.3 — 0.5 — 0.8 — 1

Design - - Ordinary Case-control — Discordant Twin

$P_K = 0.3$, $E(M) = -3.78$, $Var(M) = 4$



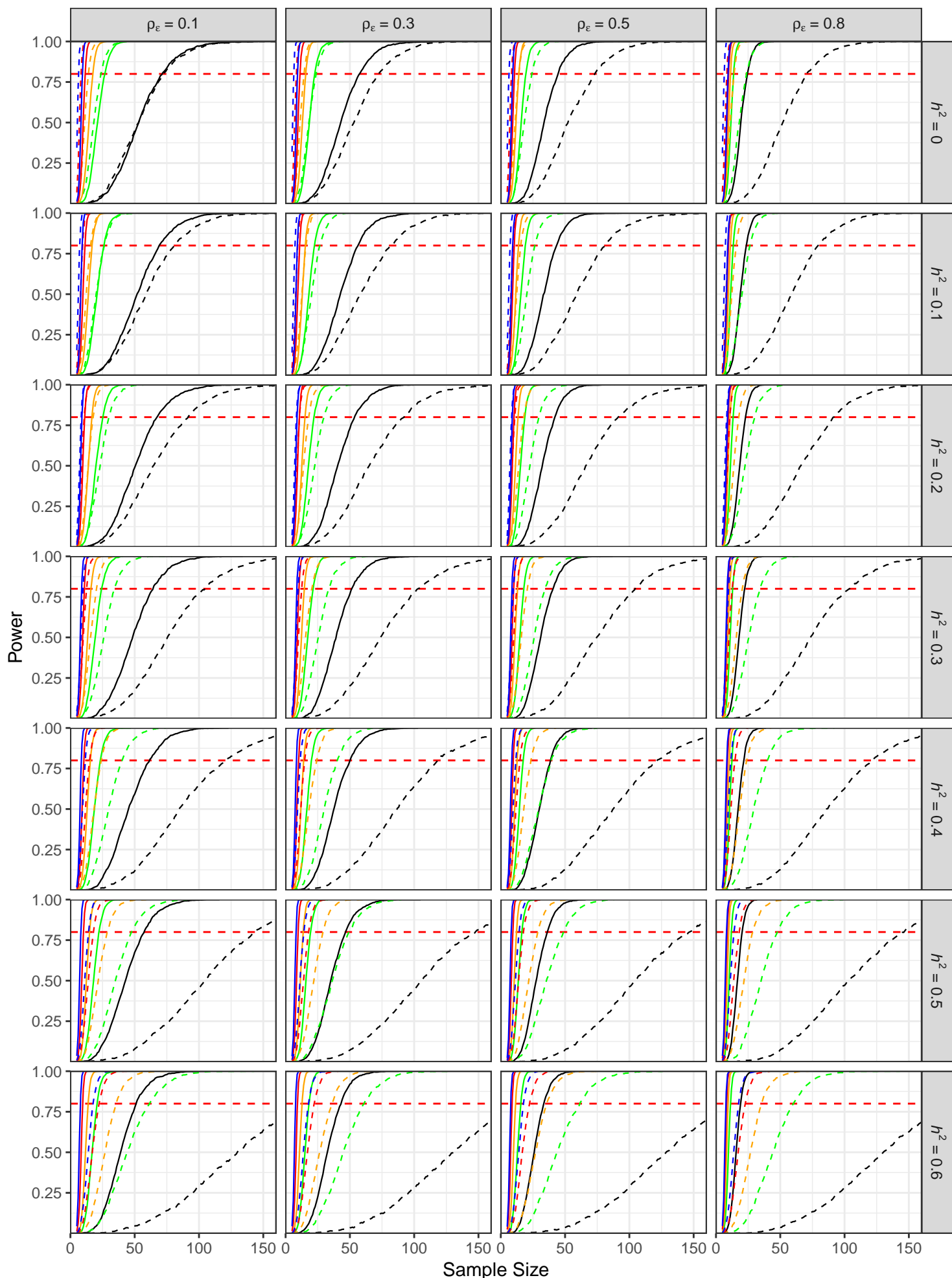
$P_K = 0.3$, $E(M) = 3.36$, $Var(M) = 0.06$



$R^2_{M,E}$ — 0.1 — 0.3 — 0.5 — 0.8 — 1

Design - - Ordinary Case-control — Discordant Twin

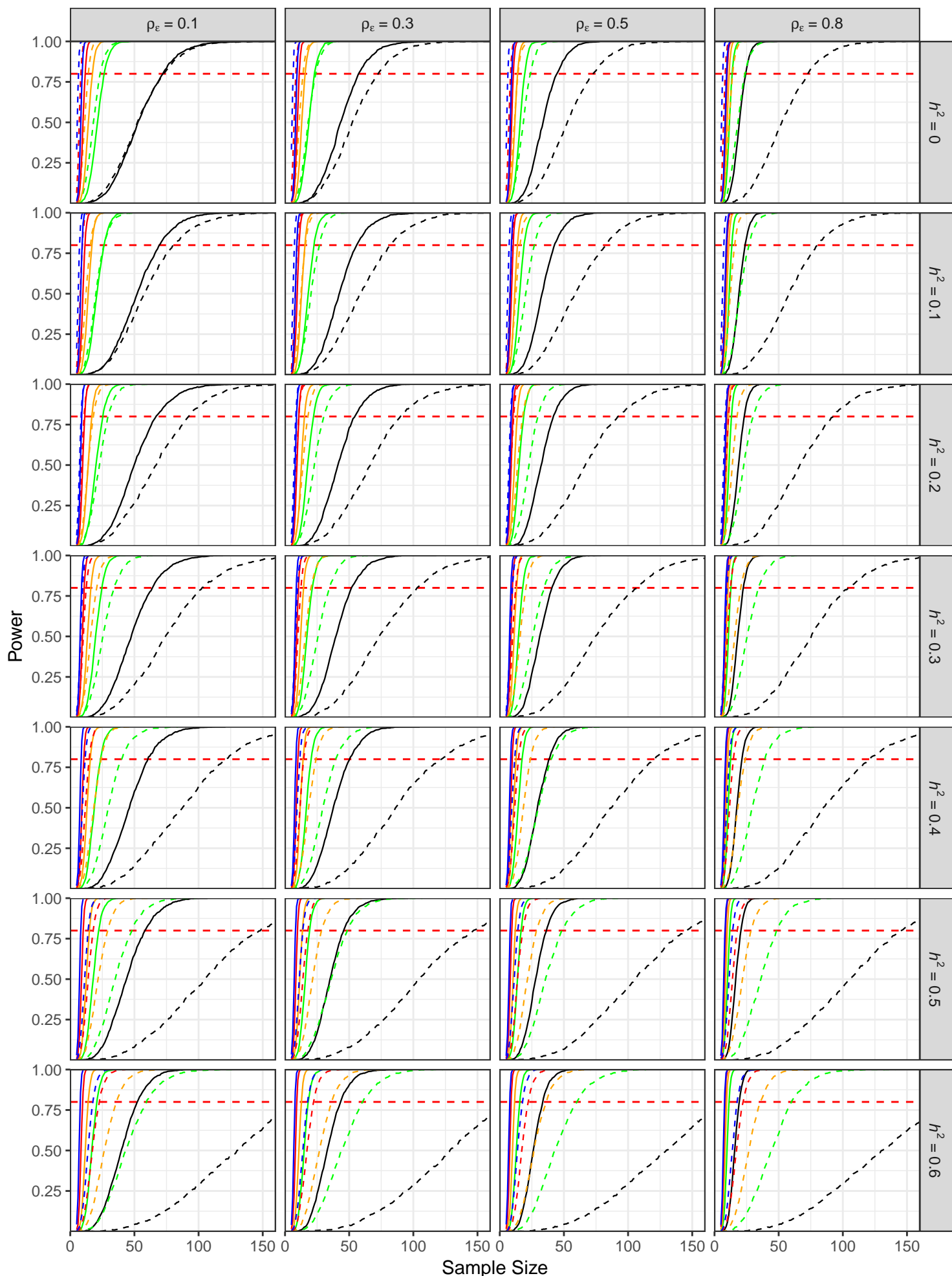
$P_K = 0.3$, $E(M) = 3.36$, $Var(M) = 1$



$R^2_{M,E}$ — 0.1 — 0.3 — 0.5 — 0.8 — 1

Design - - Ordinary Case-control — Discordant Twin

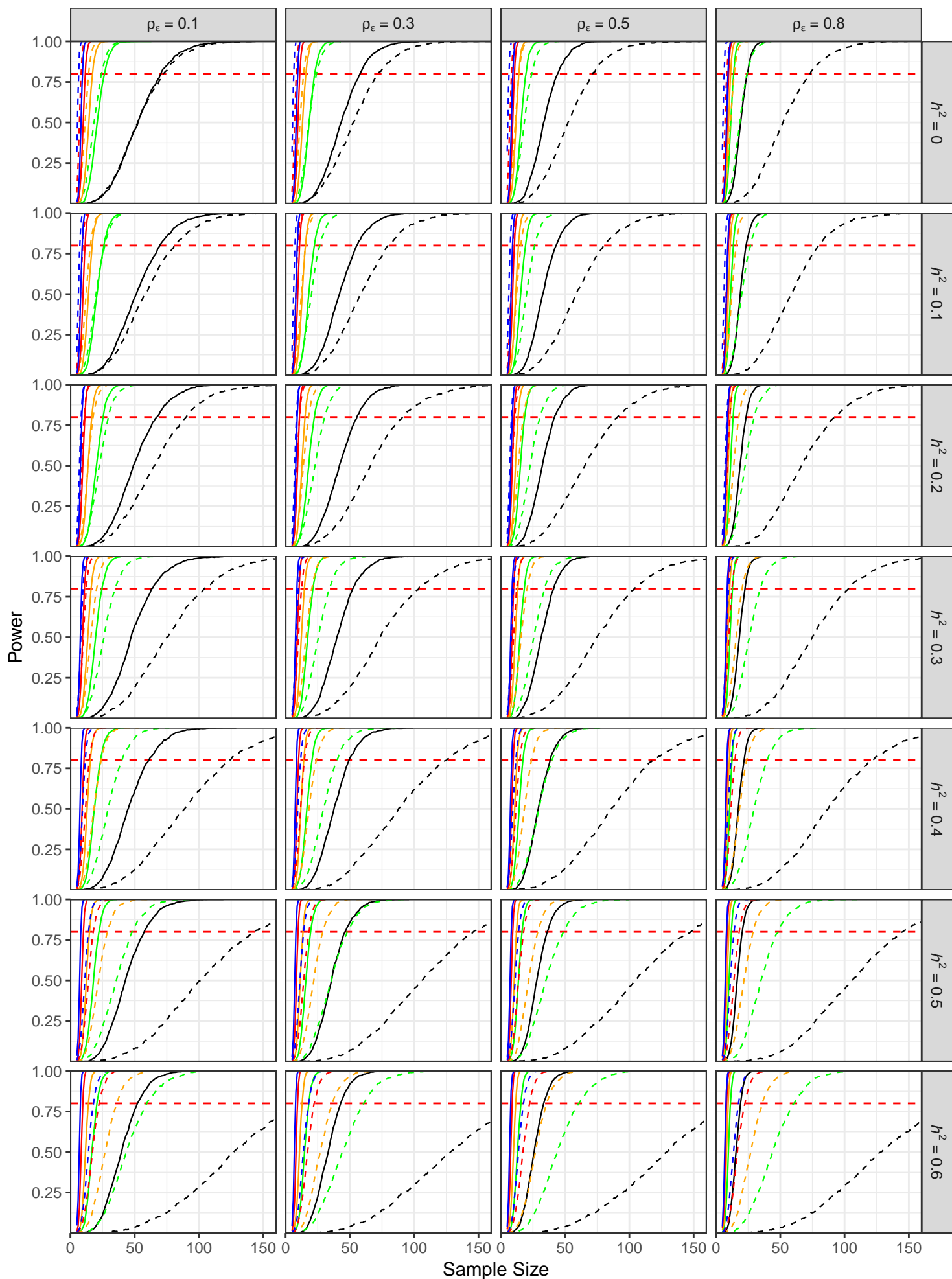
$P_K = 0.3$, $E(M) = 3.36$, $Var(M) = 2$



$R^2_{M,E}$ — 0.1 — 0.3 — 0.5 — 0.8 — 1

Design - - Ordinary Case-control — Discordant Twin

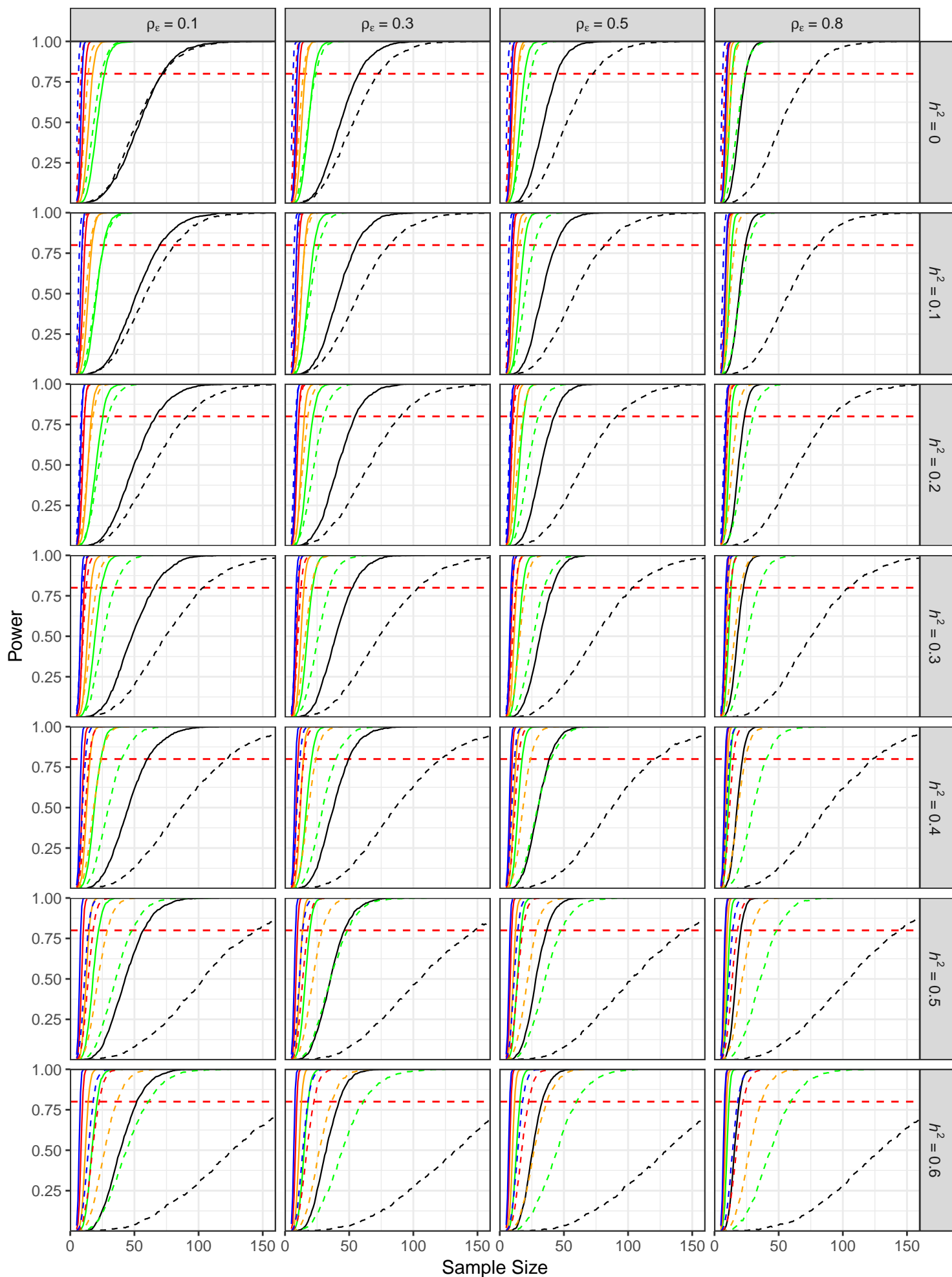
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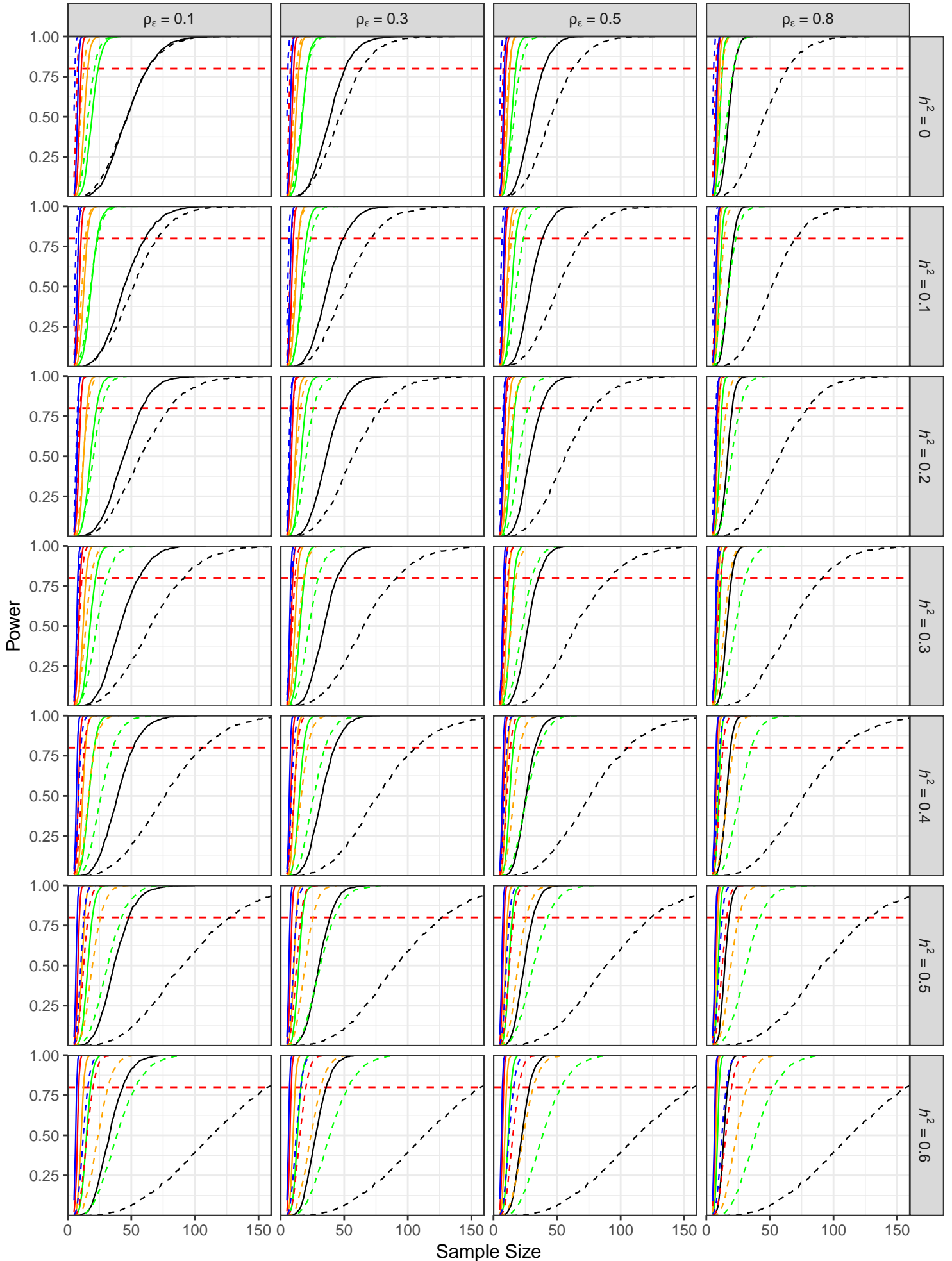
$R^2_{M,E}$ — 0.1 — 0.3 — 0.5 — 0.8 — 1

Design - - Ordinary Case-control — Discordant Twin

$P_K = 0.3$, $E(M) = 3.36$, $Var(M) = 4$



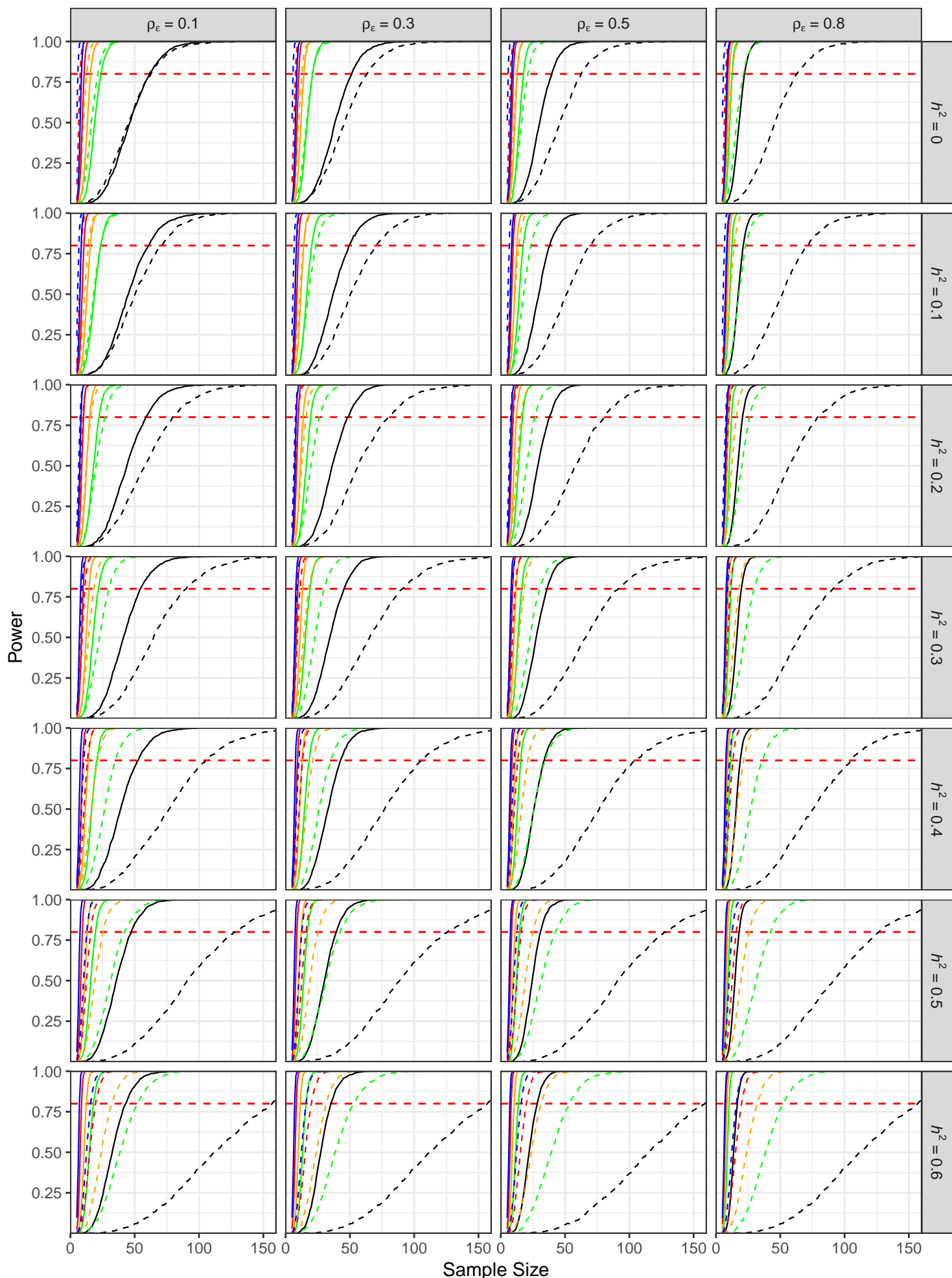
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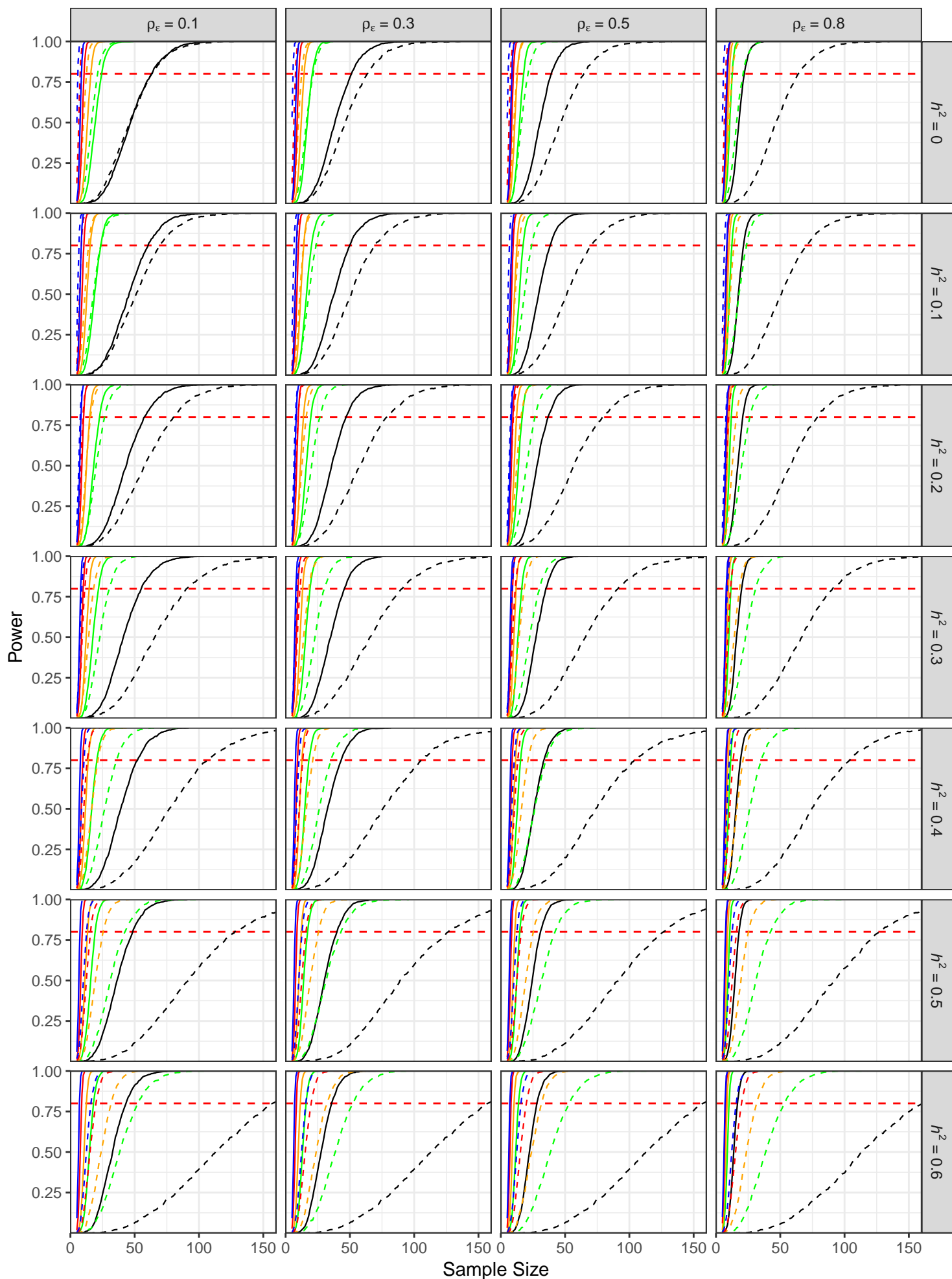
$R^2_{M,E}$ — 0.1 — 0.3 — 0.5 — 0.8 — 1

Design - - Ordinary Case-control — Discordant Twin

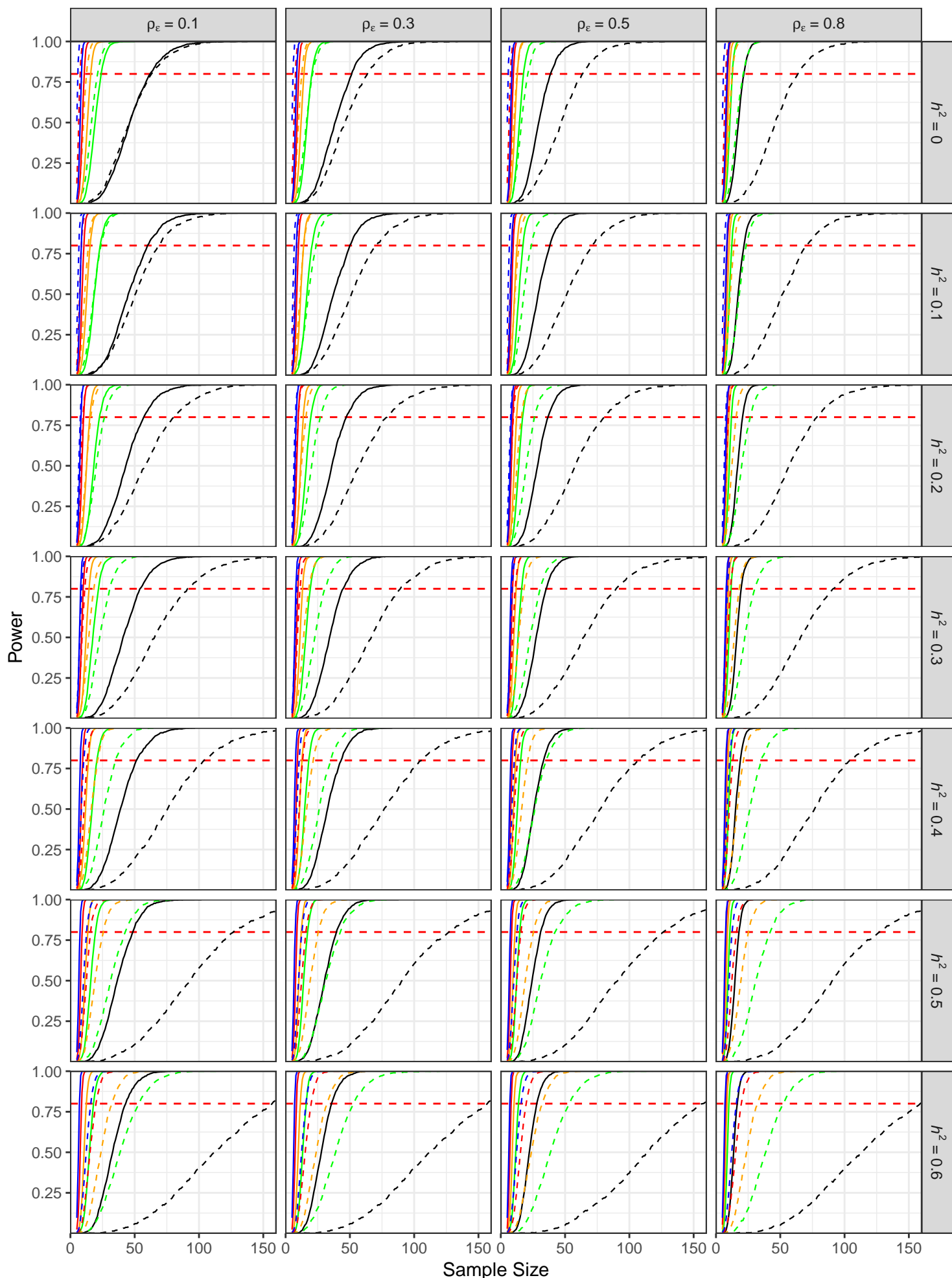
$P_K = 0.4$, $E(M) = -3.78$, $Var(M) = 1$



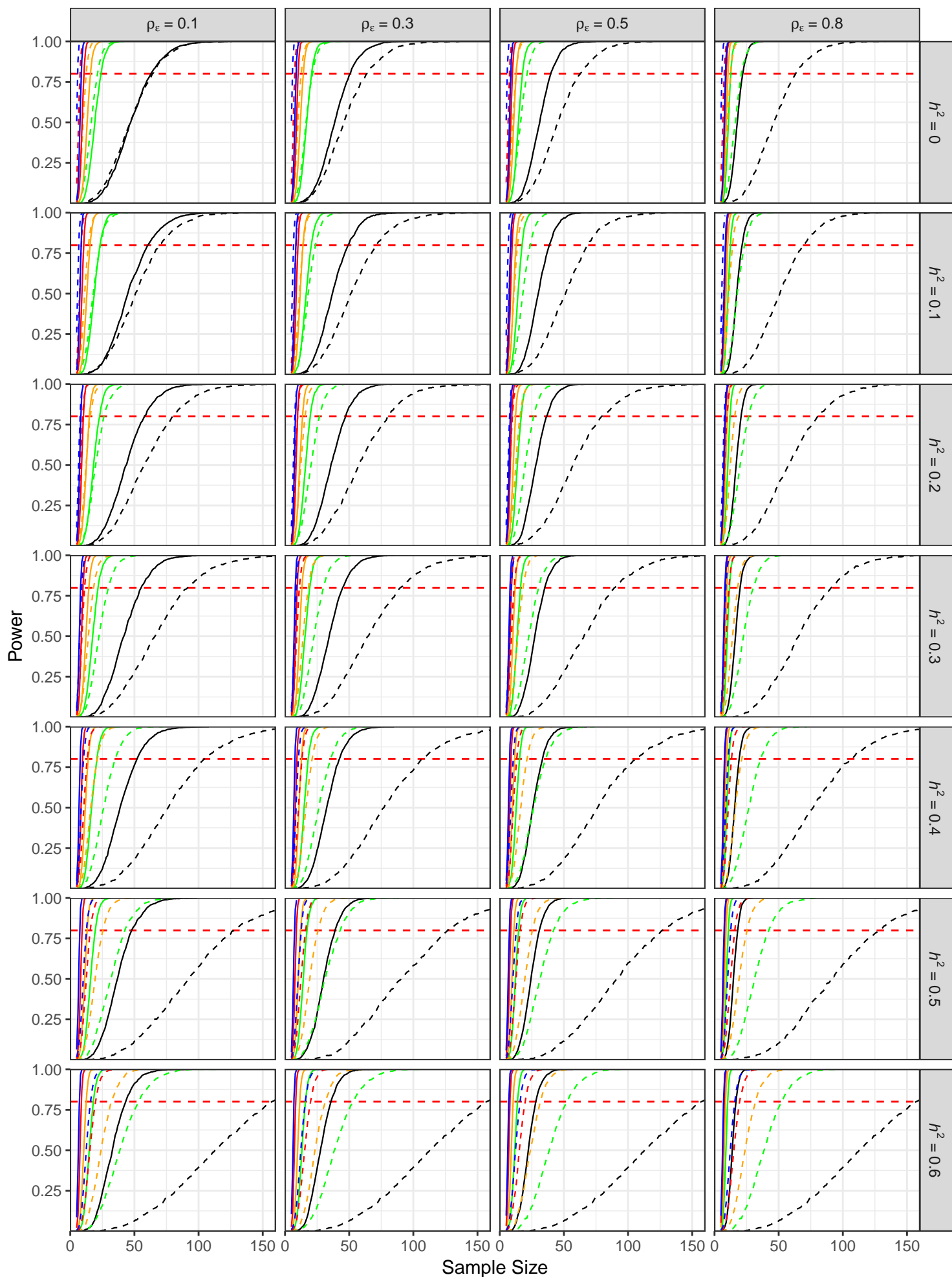
$P_K = 0.4$, $E(M) = -3.78$, $Var(M) = 2$



$P_K = 0.4$, $E(M) = -3.78$, $Var(M) = 3$



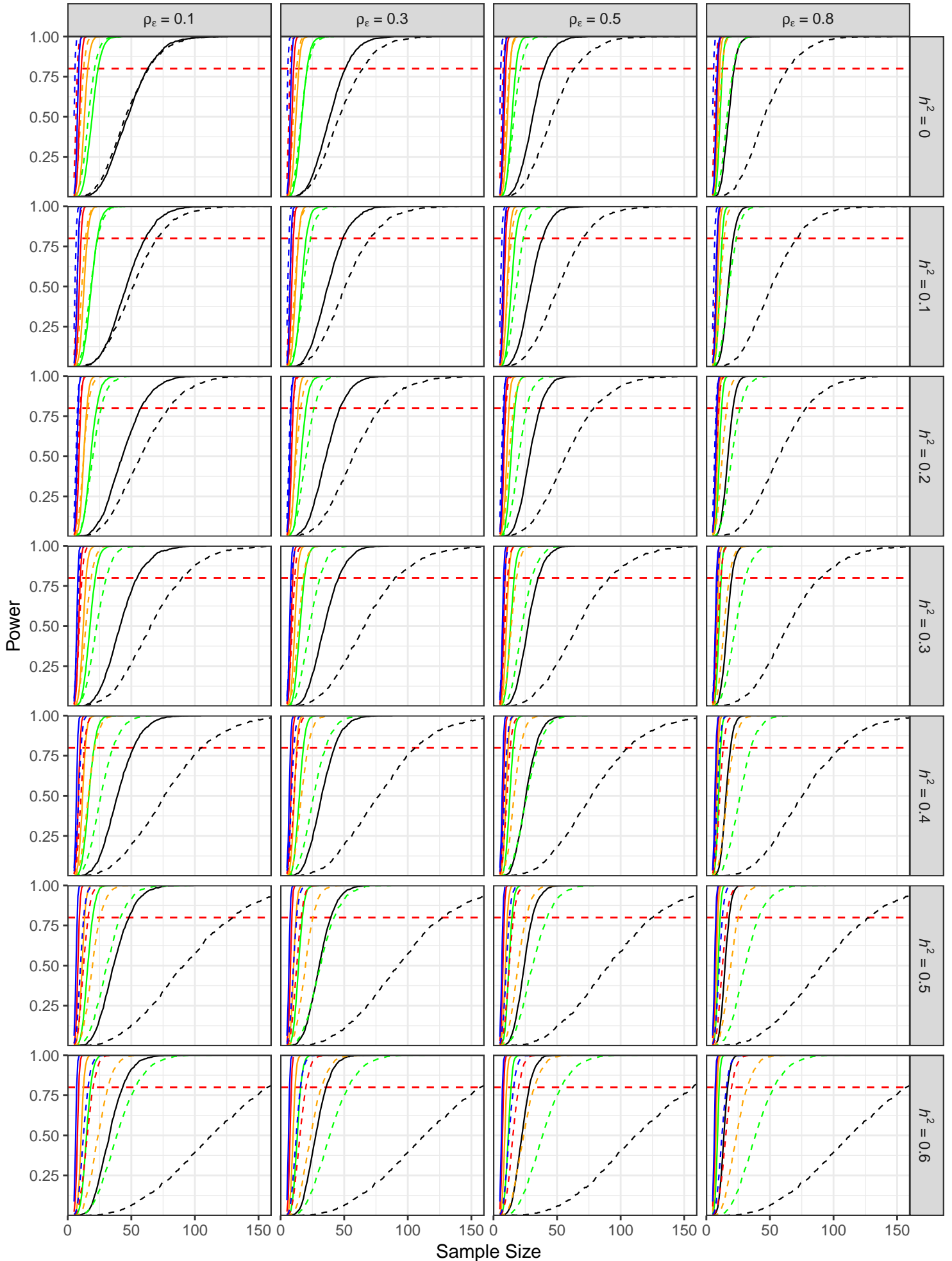
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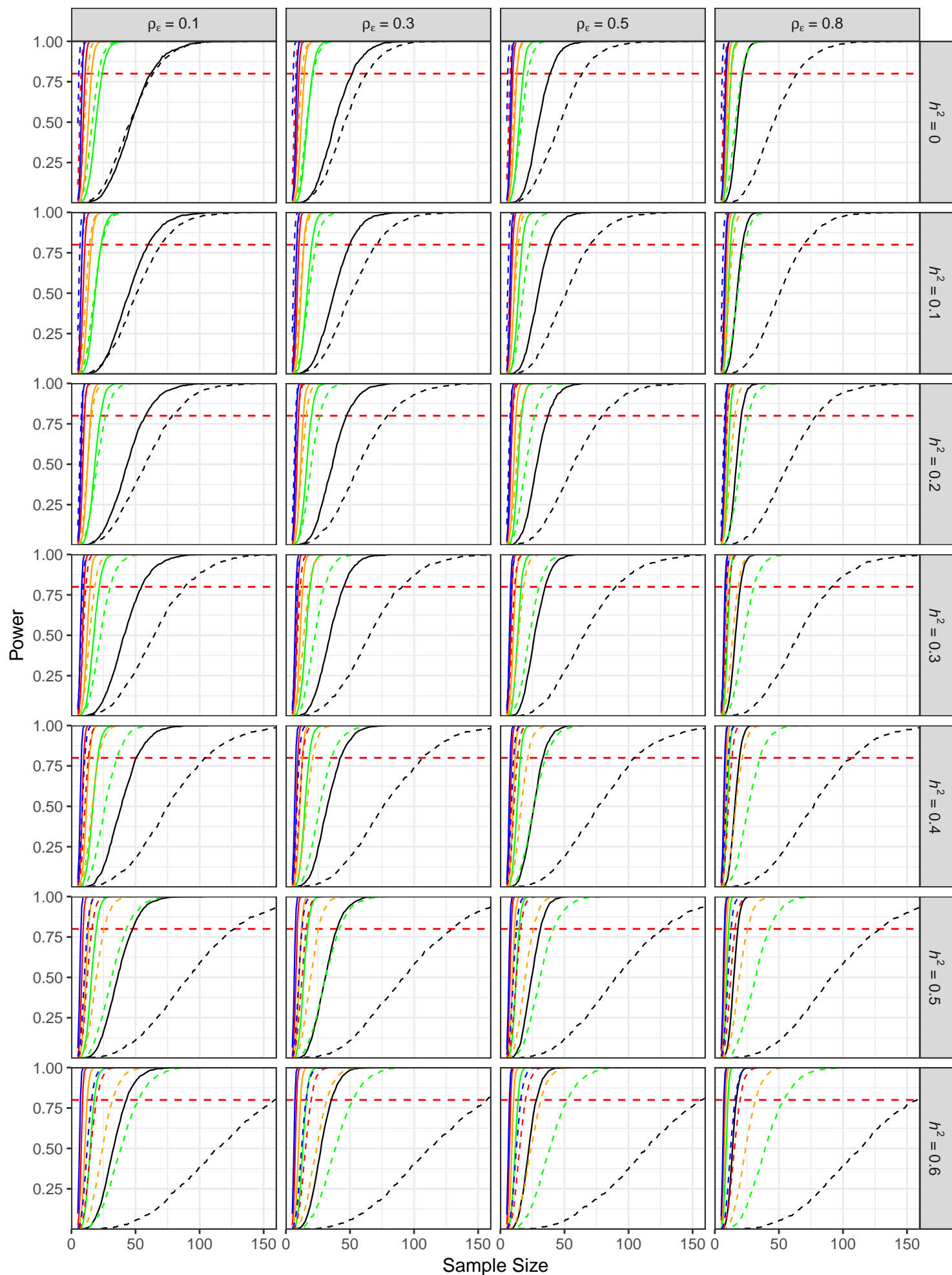
$R^2_{M,E}$ — 0.1 — 0.3 — 0.5 — 0.8 — 1

Design - - Ordinary Case-control — Discordant Twin

$P_K = 0.4$, $E(M) = 3.36$, $Var(M) = 0.06$



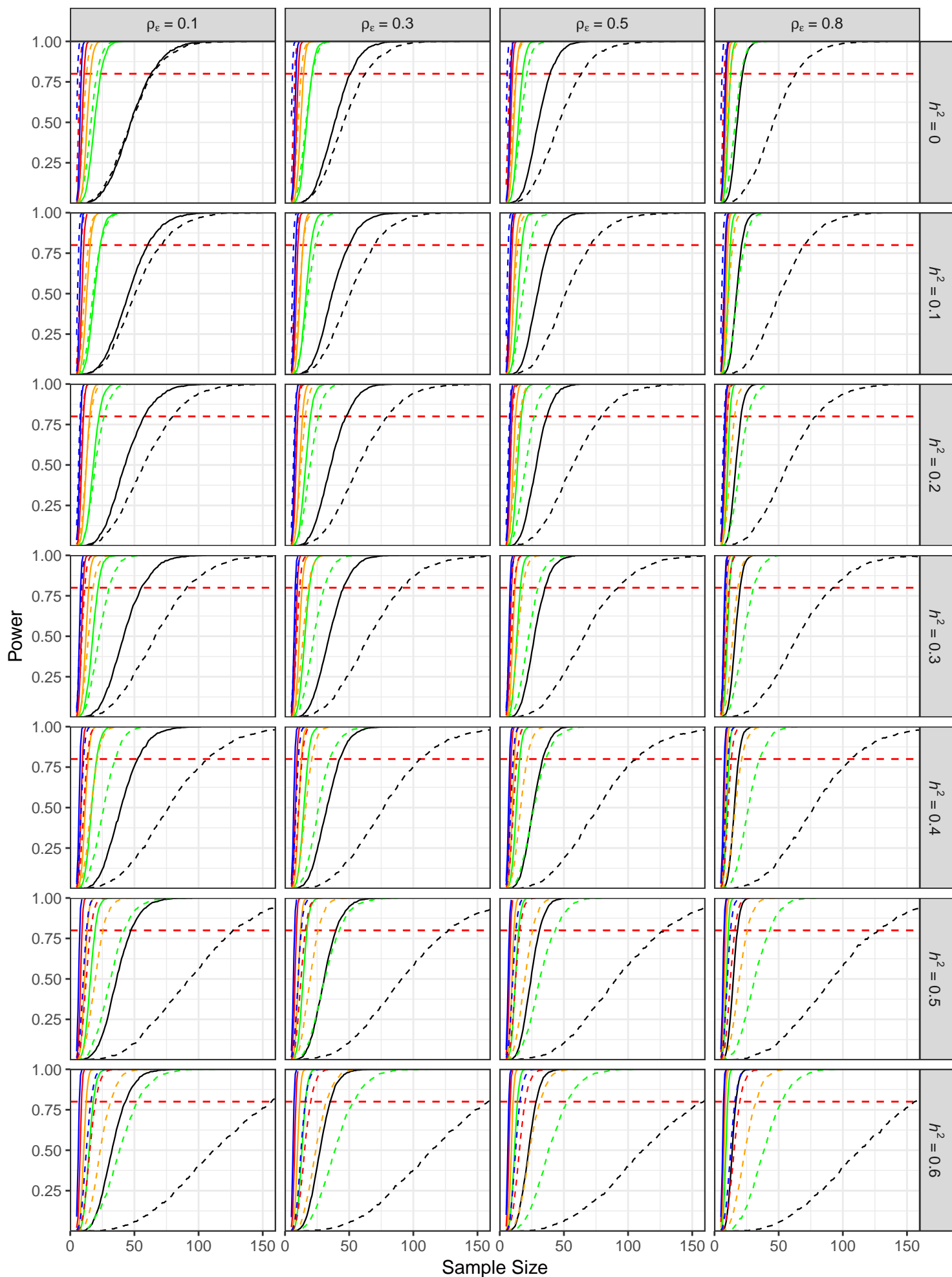
$P_K = 0.4$, $E(M) = 3.36$, $Var(M) = 1$



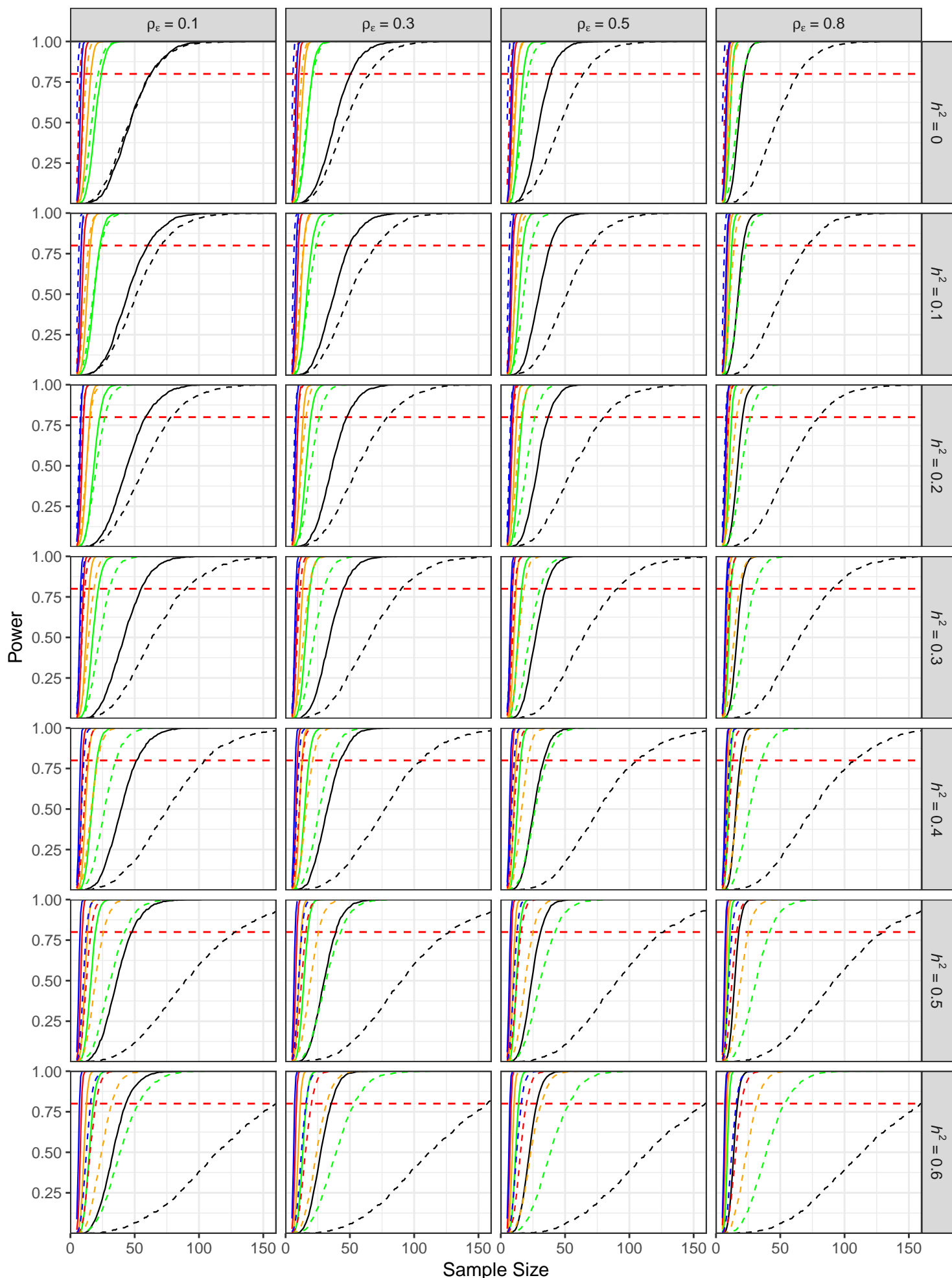
$R^2_{M,E}$ — 0.1 — 0.3 — 0.5 — 0.8 — 1

Design - - Ordinary Case-control — Discordant Twin

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