

Some variations on Figures 1 b), 1 c)

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Will use the same theme throughout, so just declare this variable:

1 AR(1) correlation matrices

These results are for the $I = 2, p \geq 2$ autoregressive case with AR(1) with equal within-study variances, so the parameters we vary are: r, ρ_1, ρ_2, p . We save the relative efficiencies for only one of coefficients, as they are all equal. We consider $\rho_1 = 0$.

The following results are for the $I = 20, p \geq 2$ AR(1) case with equal within-study variances and $S_i^2 \equiv S^2, \rho_i = \frac{\rho(i-1)}{I}$, so the parameters we vary are ρ, p . We save the relative efficiencies for only one of coefficients, as they are all equal.

2 Block diagonal correlation matrices

These results are for the $I = 2, p \geq 2$ case with block diagonal matrices with block size of 5, compound symmetry within the blocks, so the parameters we vary are: r, ρ_1, ρ_2, p . We save the relative efficiencies for only one of coefficients, as they are all equal. We consider $\rho_1 = 0$.

The following results are for the $I = 20, p \geq 2$ case with block diagonal matrices with block size of 5, compound symmetry within the blocks, with equal within-study variances and $S_i^2 \equiv S^2, \rho_i = \frac{\rho(i-1)}{I}$, so the parameters we vary are ρ, p . We save the relative efficiencies for only one of coefficients, as they are all equal.

3 Put all four panels together

```
## Loading required package: grid
```

