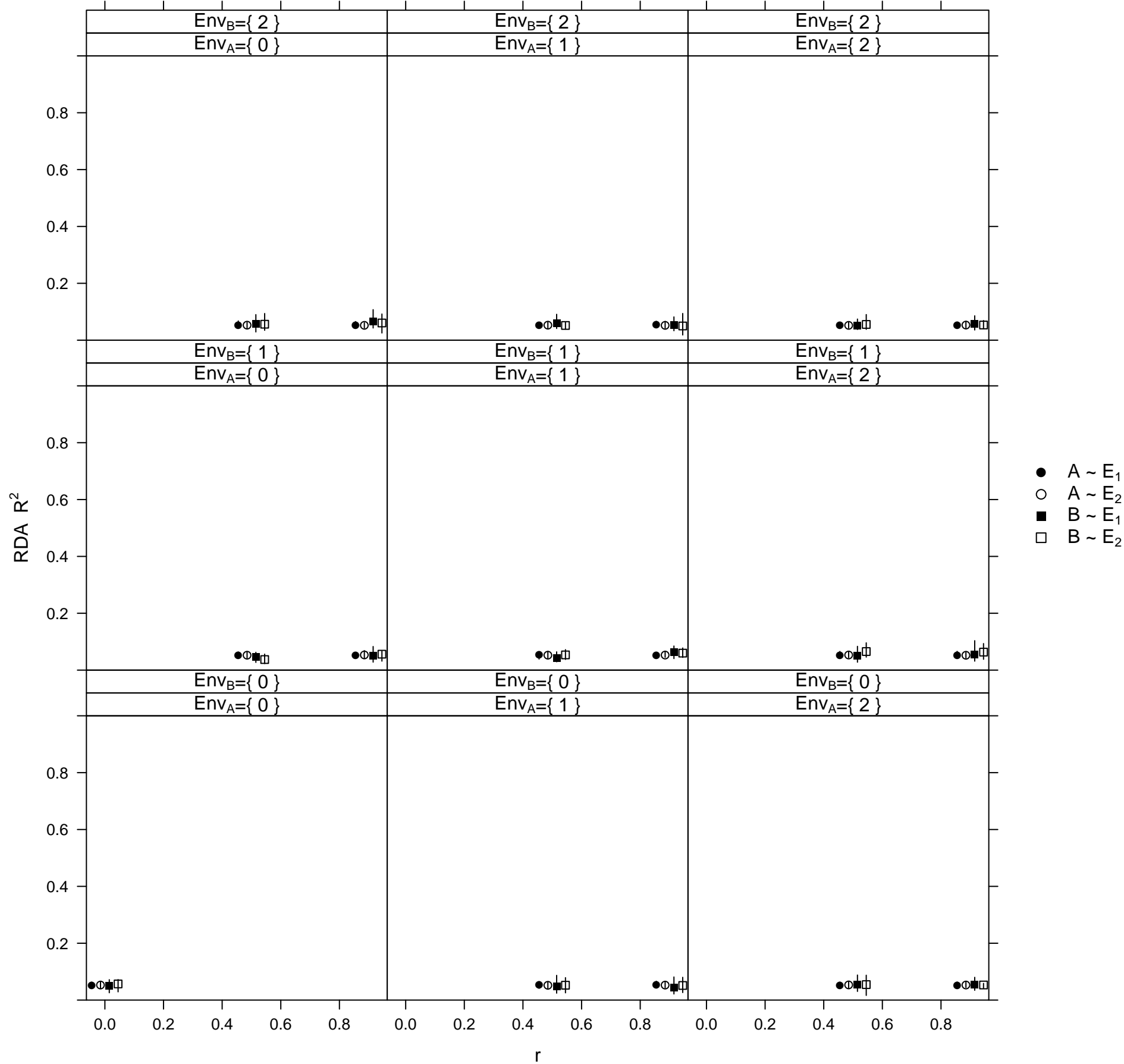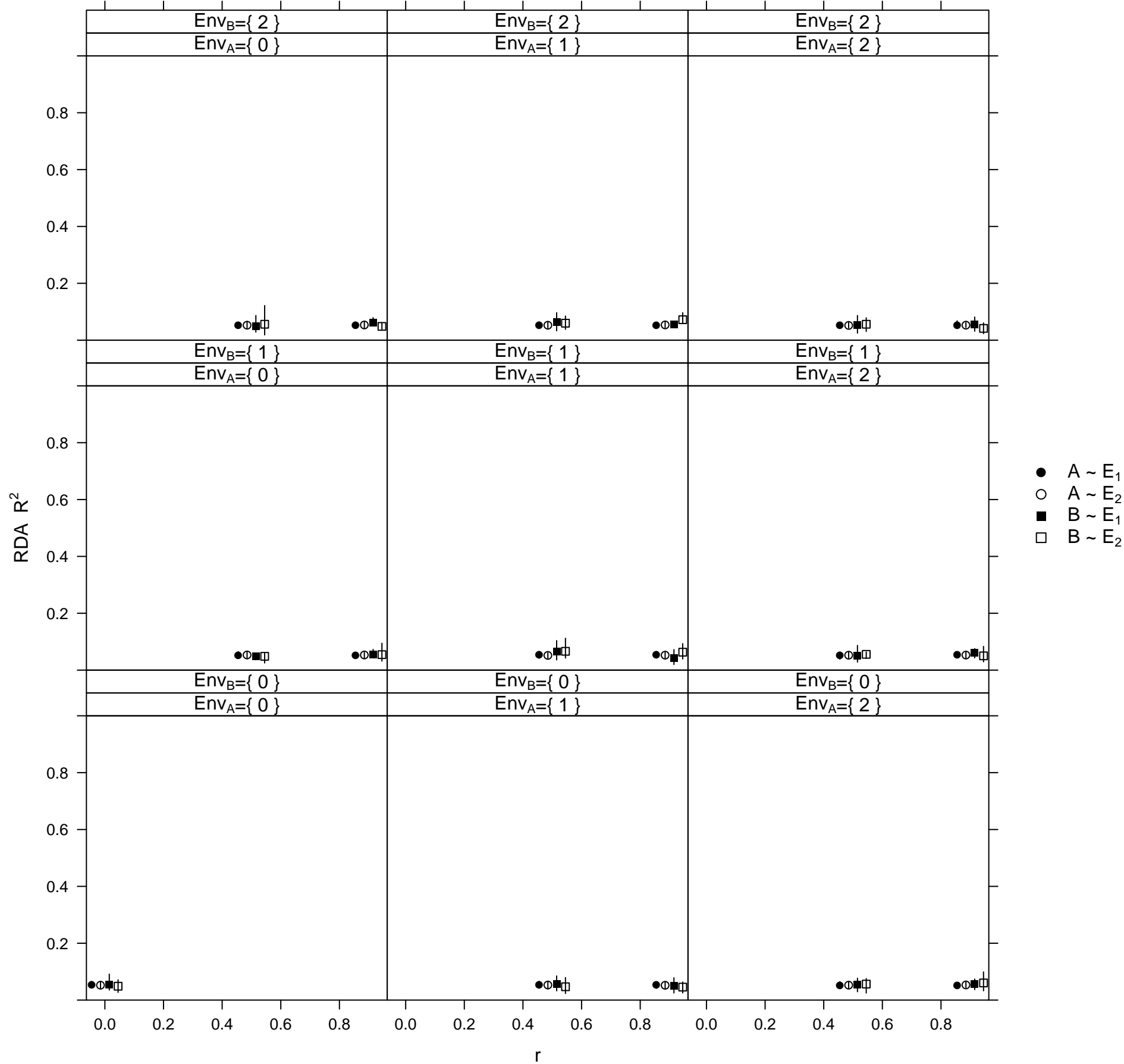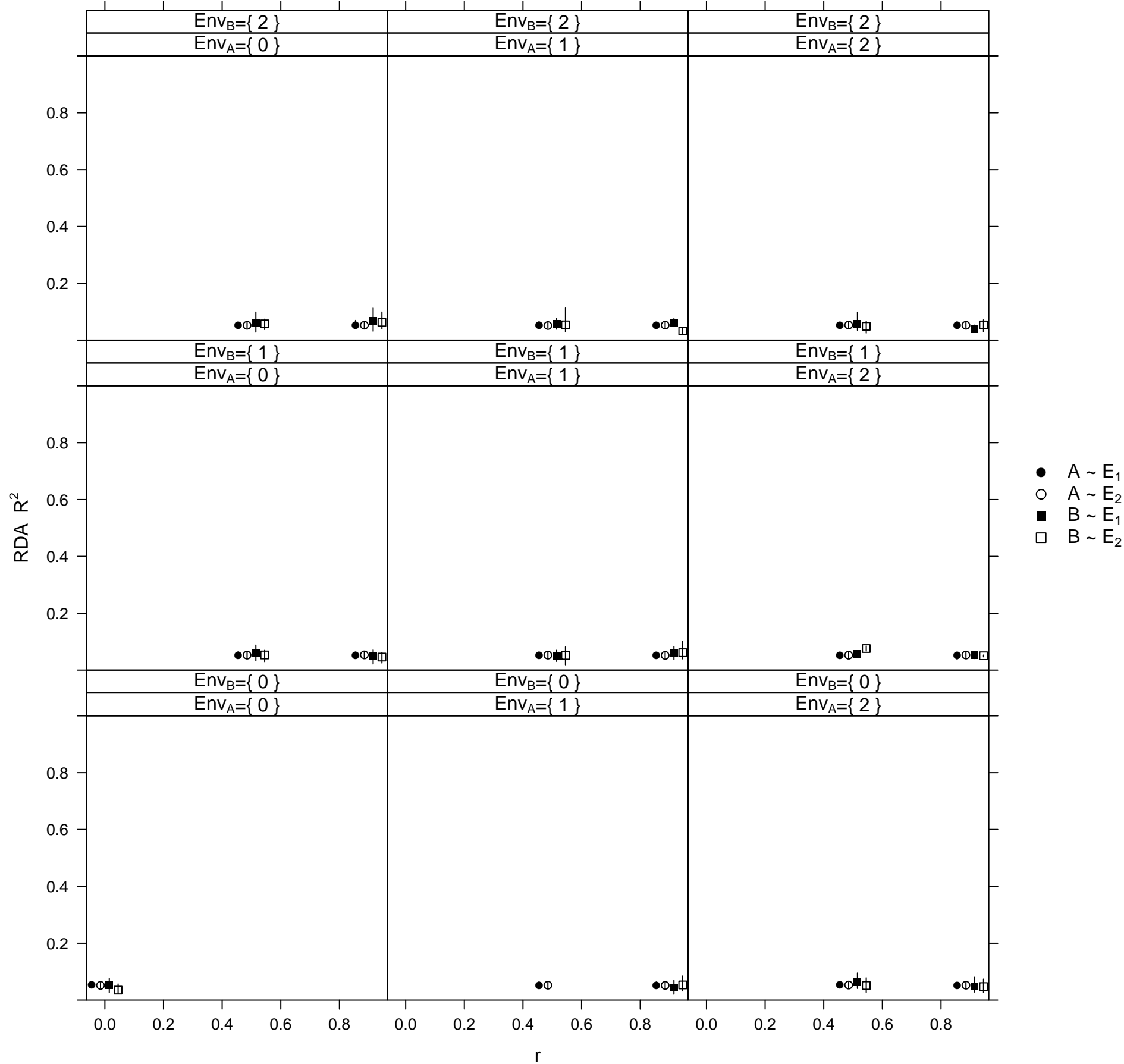**Max N = 2 , Filtering = none**
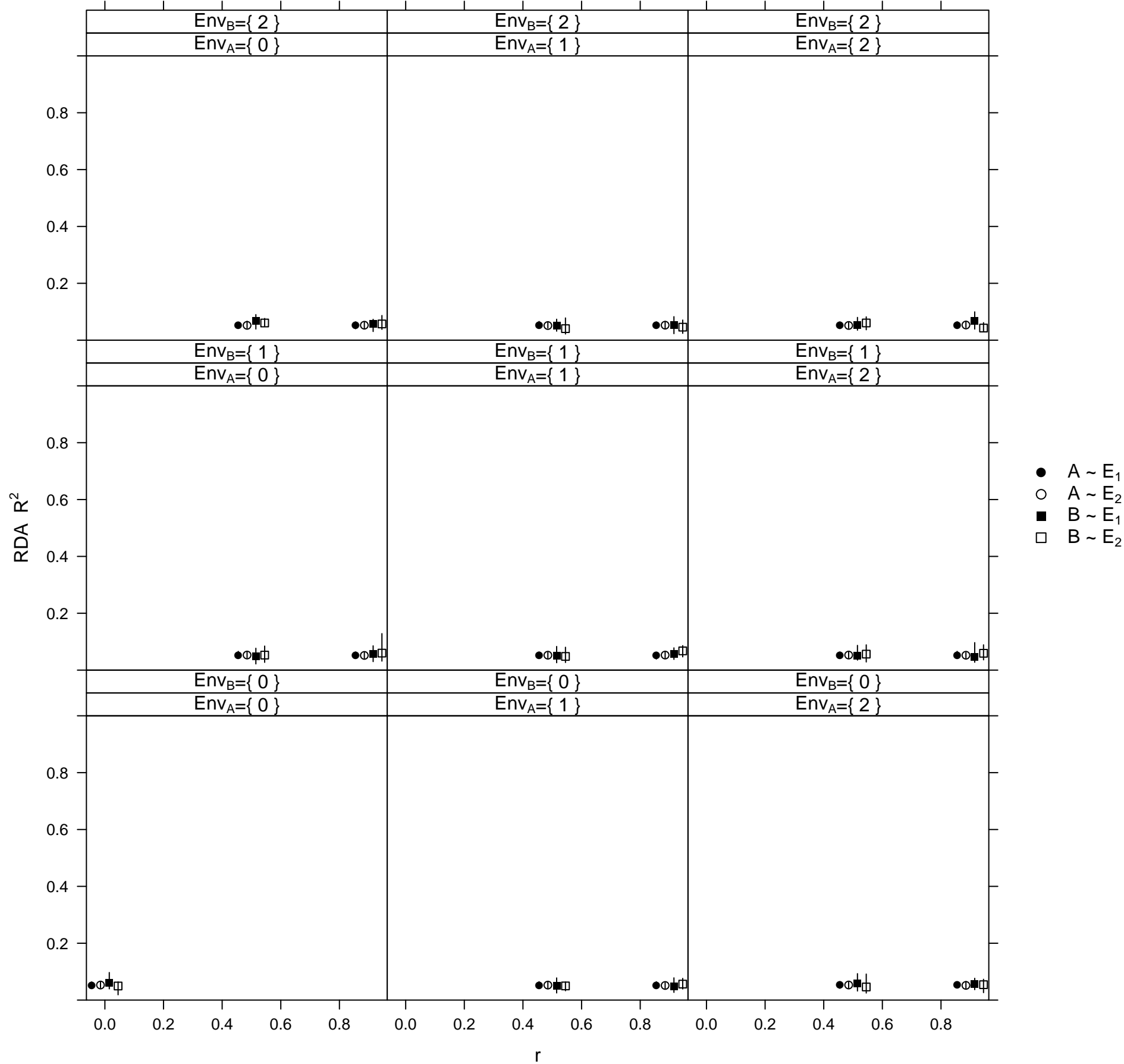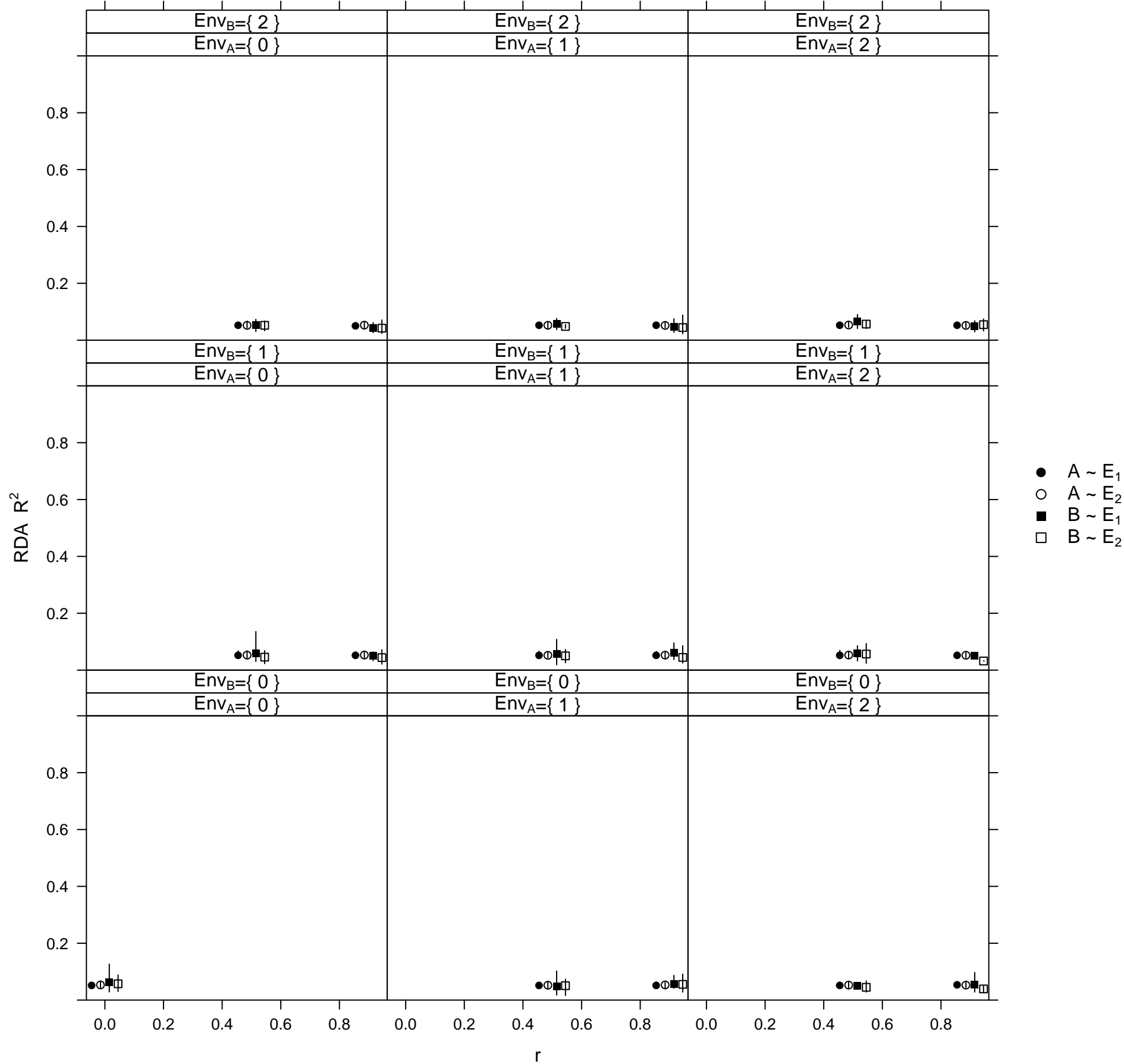
Max N = 4 , Filtering = none
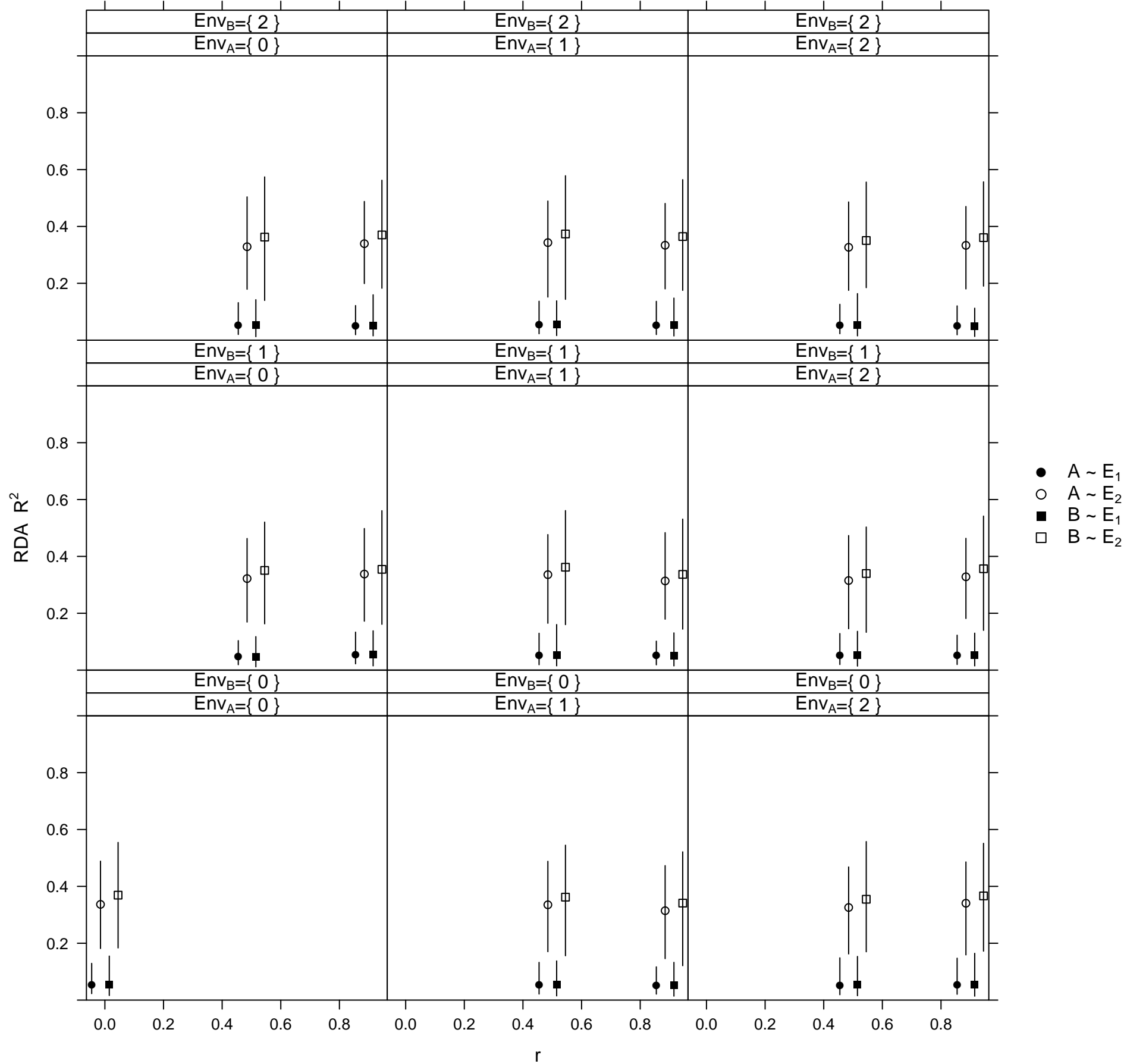
Max N = 8 , Filtering = none

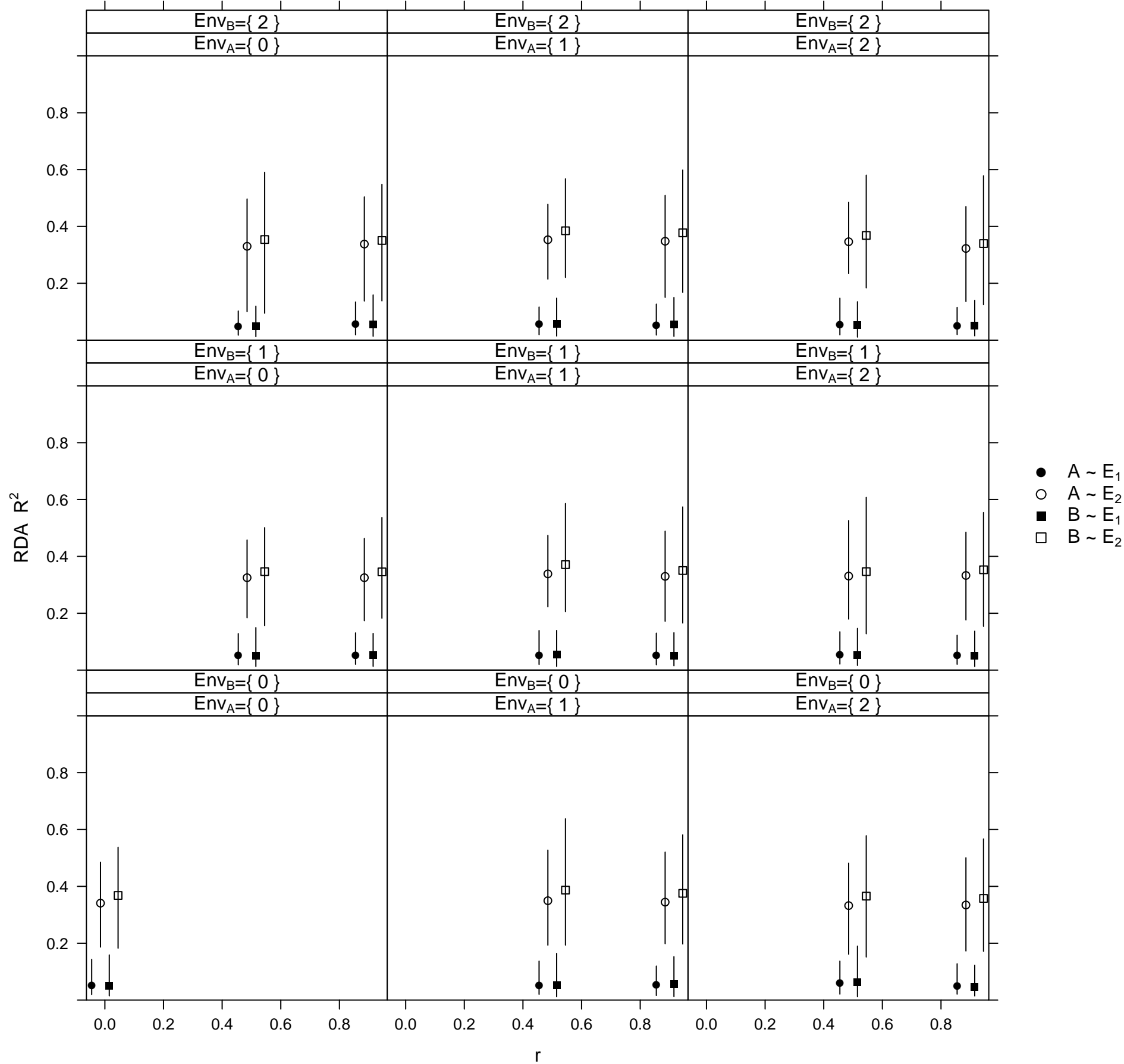# Max N = 16 , Filtering = none

Max N = 32 , Filtering = none
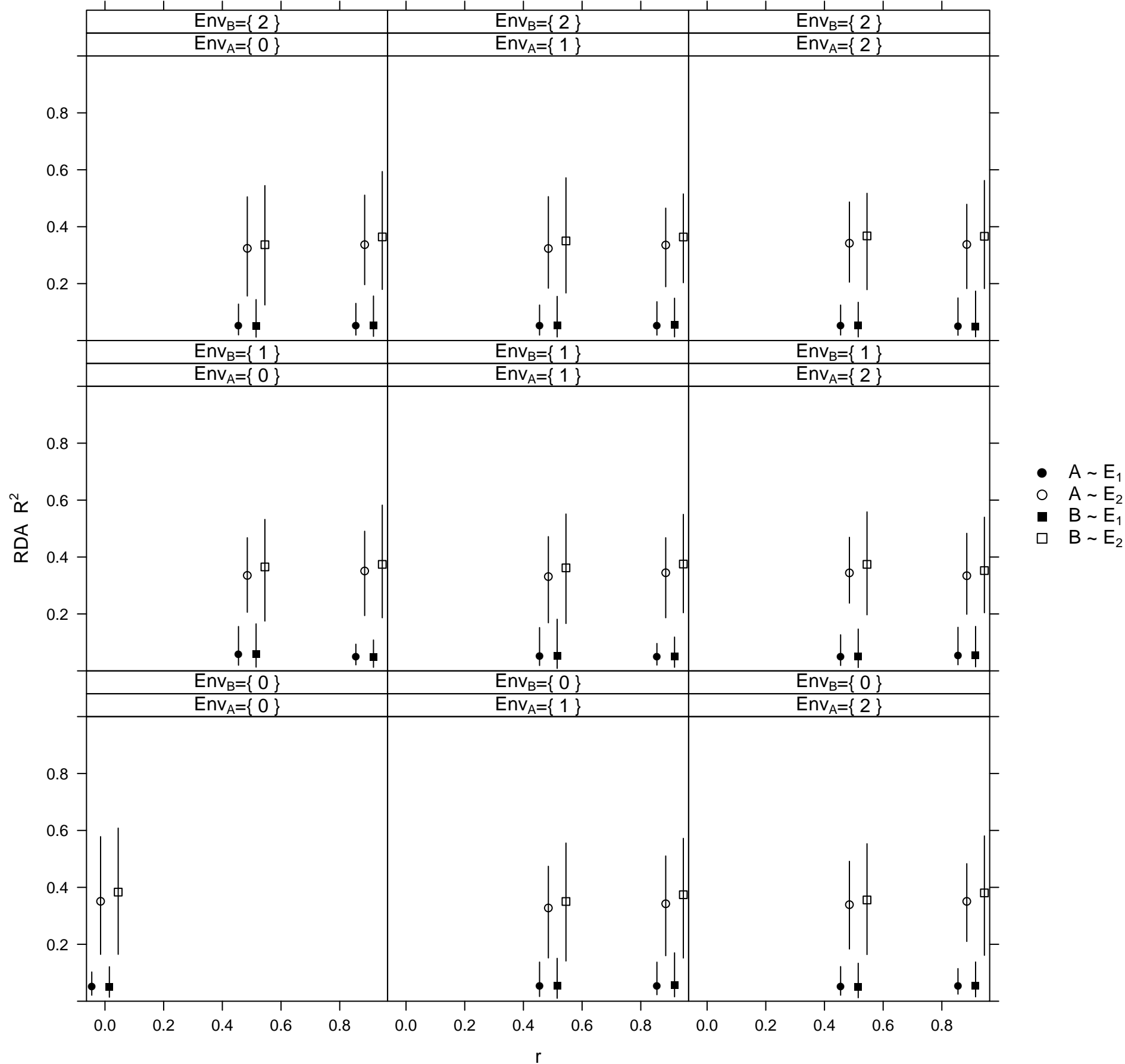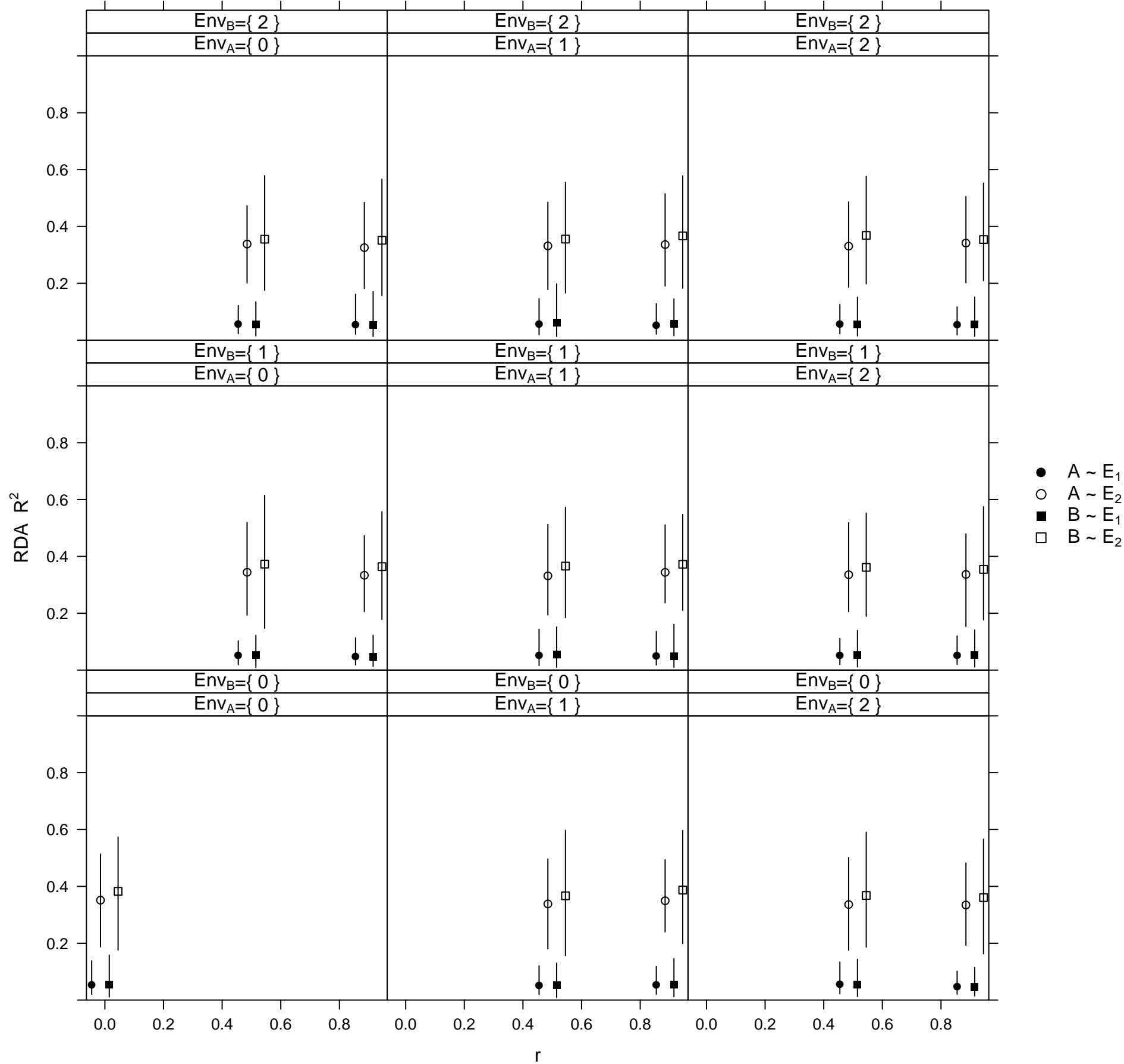
Max N = 2 , Filtering = same
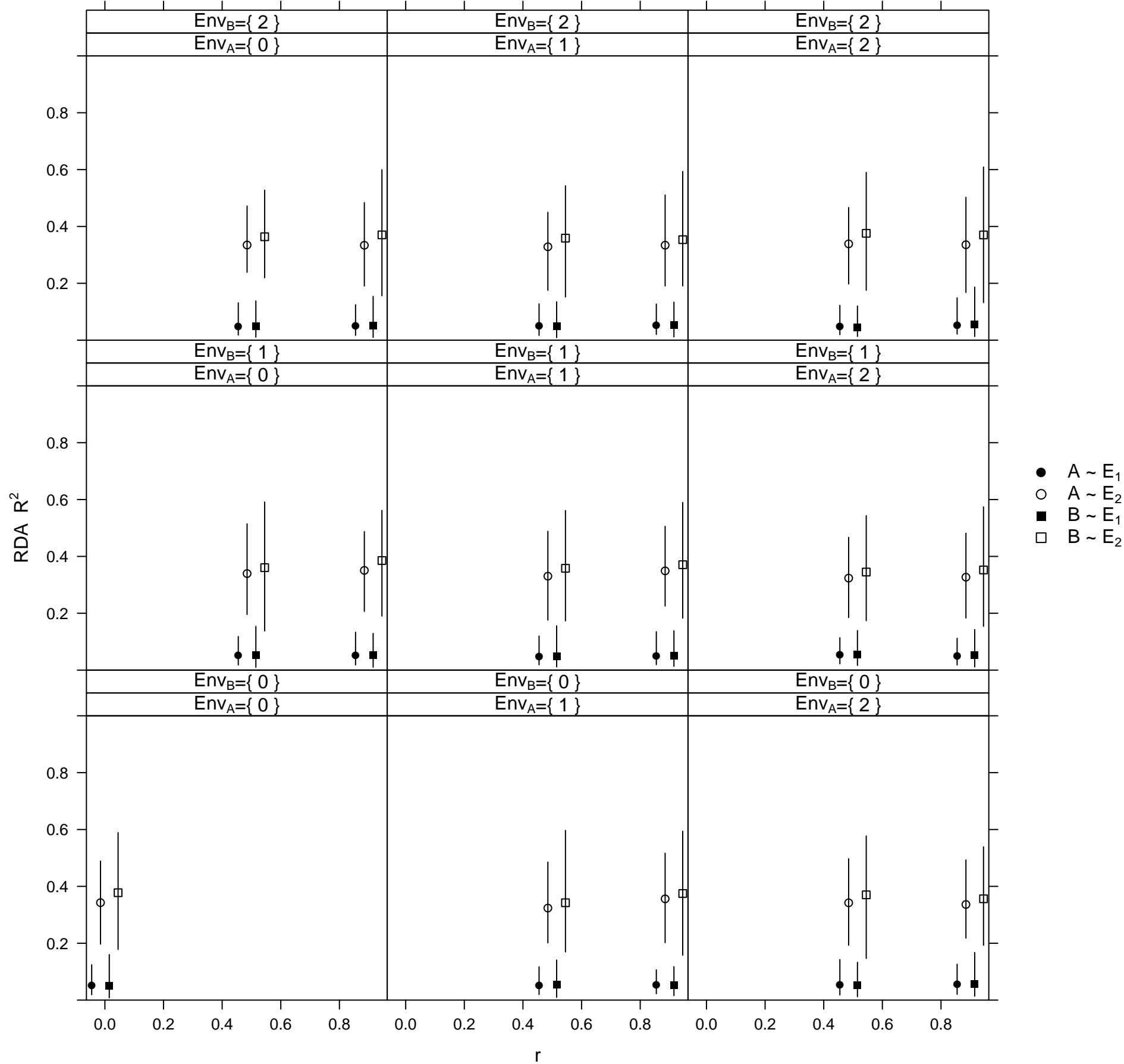
Max N = 4 , Filtering = same
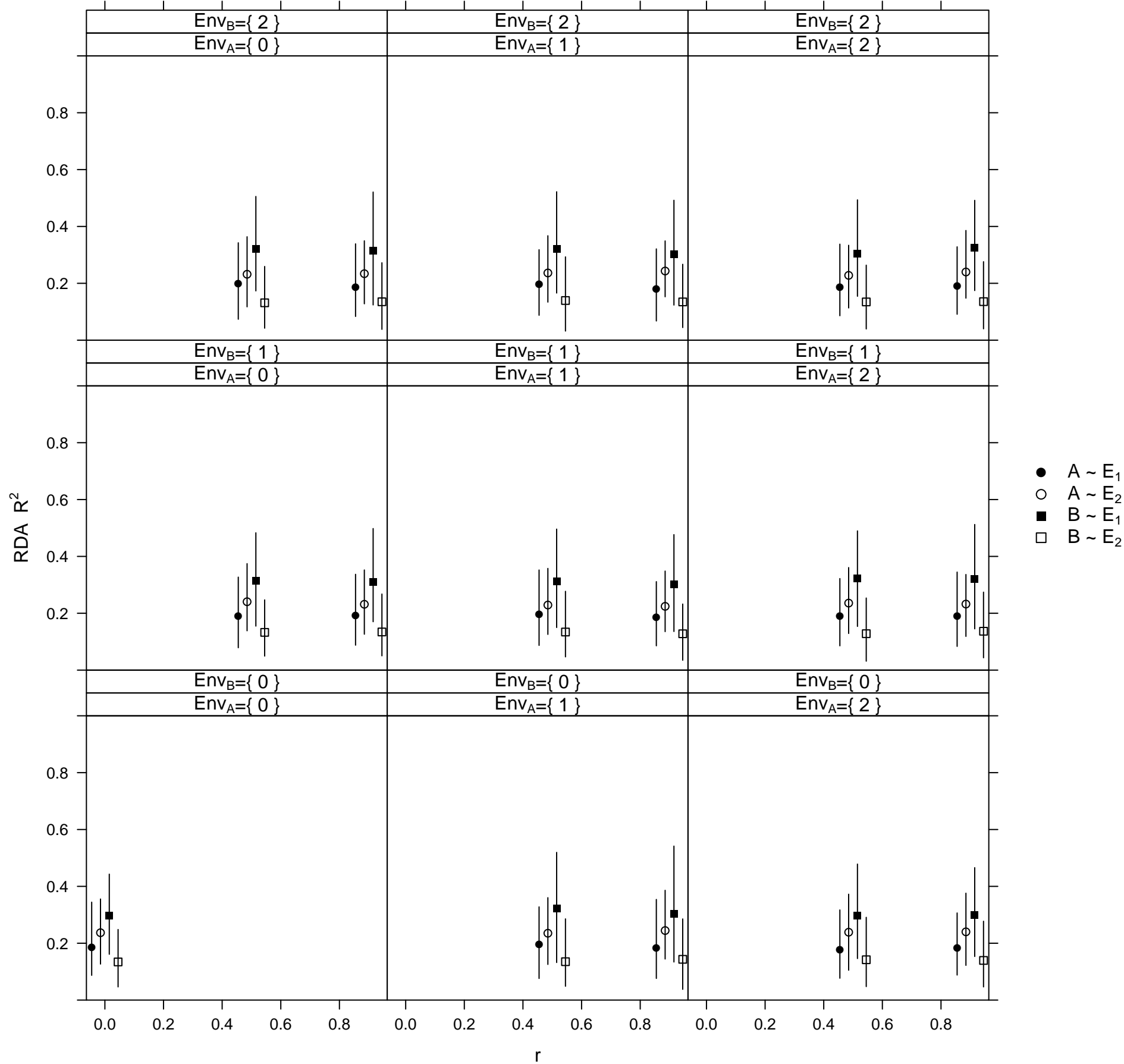
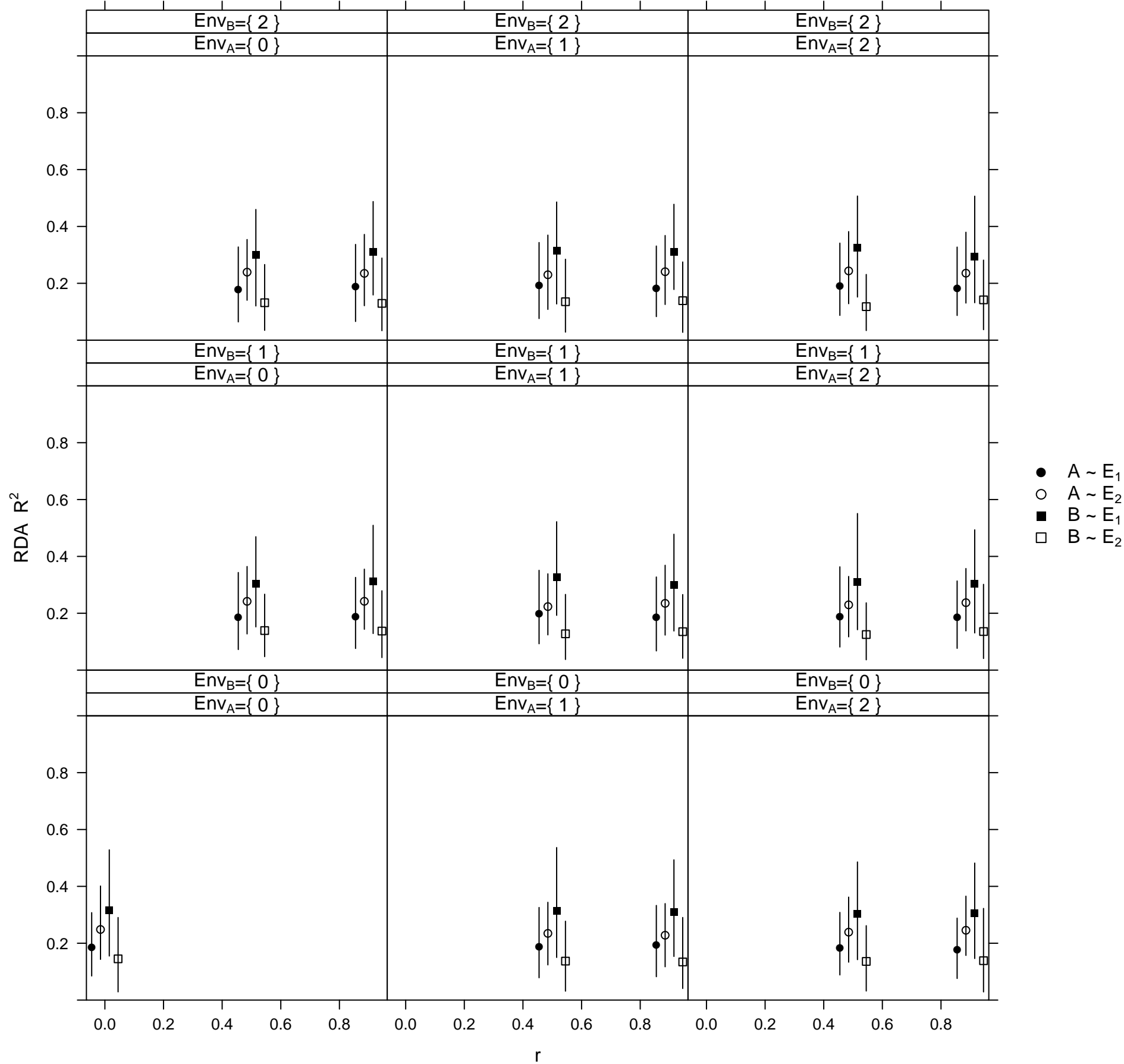**Max N = 8 , Filtering = same**

Max N = 16 , Filtering = same

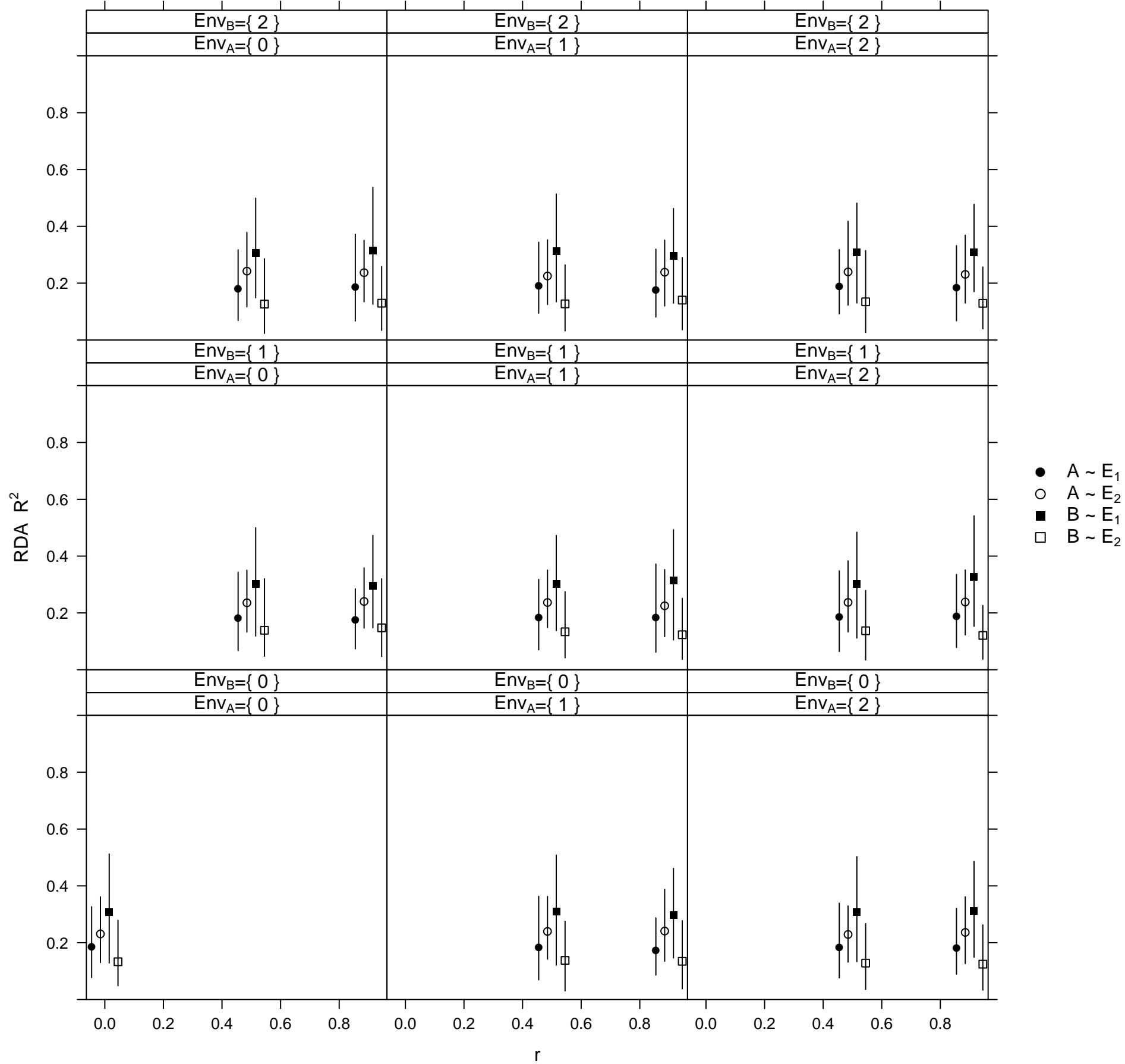# Max N = 32 , Filtering = same

Max N = 2 , Filtering = opposite

Max N = 4 , Filtering = opposite

Max N = 8 , Filtering = opposite

Max N = 16 , Filtering = opposite
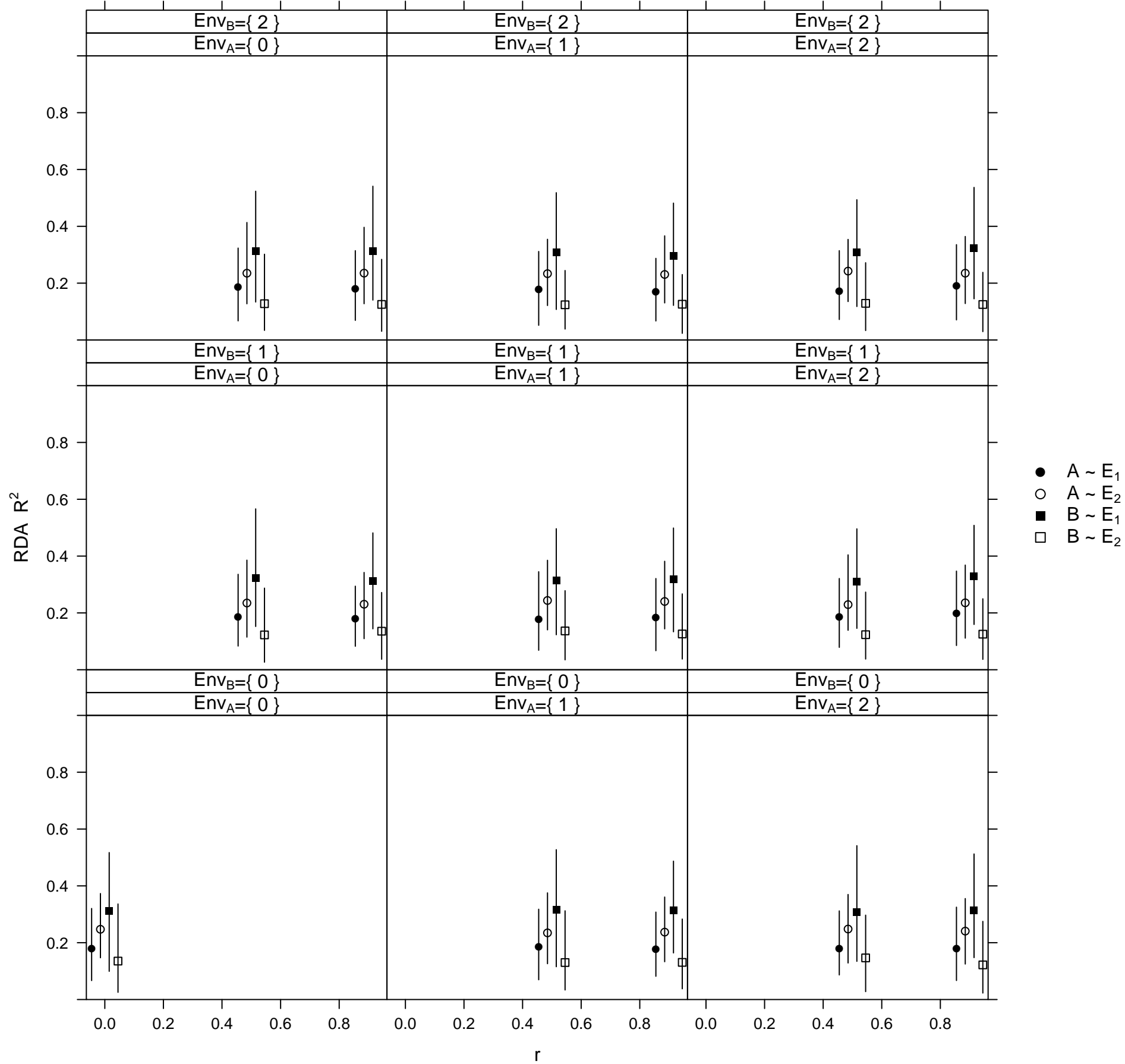
Max N = 32 , Filtering = opposite
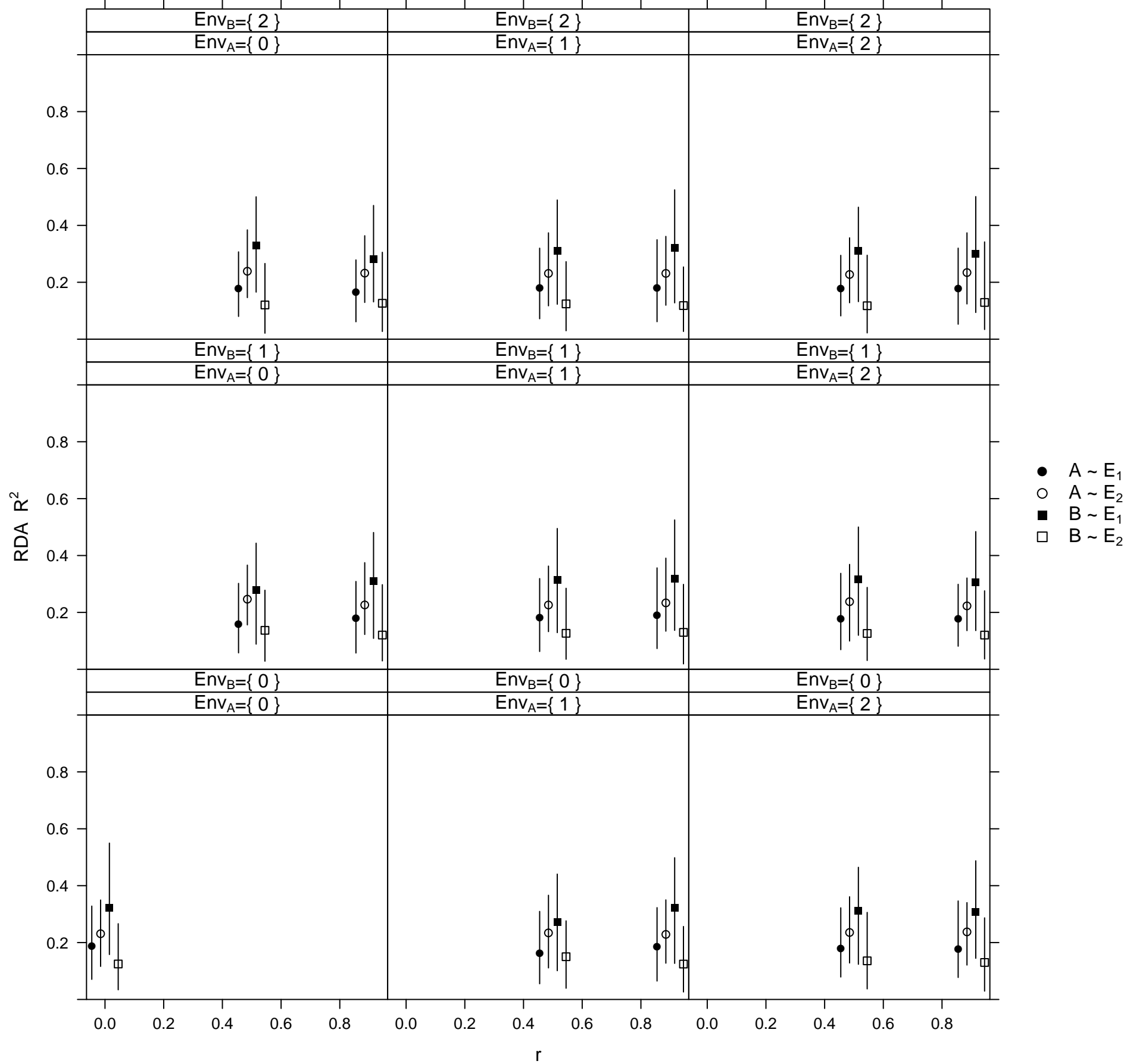
Max N = 2 , Filtering = all

Max N = 4 , Filtering = all

$Env_B=\{\ 2\ \}$
$Env_A=\{\ 0\ \}$

$Env_B=\{\ 2\ \}$
$Env_A=\{\ 1\ \}$

$Env_B=\{\ 2\ \}$
$Env_A=\{\ 2\ \}$

$Env_B=\{\ 1\ \}$
$Env_A=\{\ 0\ \}$

$Env_B=\{\ 1\ \}$
$Env_A=\{\ 1\ \}$

$Env_B=\{\ 1\ \}$
$Env_A=\{\ 2\ \}$

$Env_B=\{\ 0\ \}$
$Env_A=\{\ 0\ \}$

$Env_B=\{\ 0\ \}$
$Env_A=\{\ 1\ \}$

$Env_B=\{\ 0\ \}$
$Env_A=\{\ 2\ \}$

RDA R^2

r , Filtering = all

- ● $A \sim E_1$
- ○ $A \sim E_2$
- ■ $B \sim E_1$
- □ $B \sim E_2$

Max N = 8 , Filtering = all

Legend:
- ● $A \sim E_1$
- ○ $A \sim E_2$
- ■ $B \sim E_1$
- □ $B \sim E_2$

Panels (top row): $Env_B=\{ 2 \}$, $Env_A=\{ 0 \}$; $Env_B=\{ 2 \}$, $Env_A=\{ 1 \}$; $Env_B=\{ 2 \}$, $Env_A=\{ 2 \}$

Panels (middle row): $Env_B=\{ 1 \}$, $Env_A=\{ 0 \}$; $Env_B=\{ 1 \}$, $Env_A=\{ 1 \}$; $Env_B=\{ 1 \}$, $Env_A=\{ 2 \}$

Panels (bottom row): $Env_B=\{ 0 \}$, $Env_A=\{ 0 \}$; $Env_B=\{ 0 \}$, $Env_A=\{ 1 \}$; $Env_B=\{ 0 \}$, $Env_A=\{ 2 \}$

Y-axis: RDA R^2
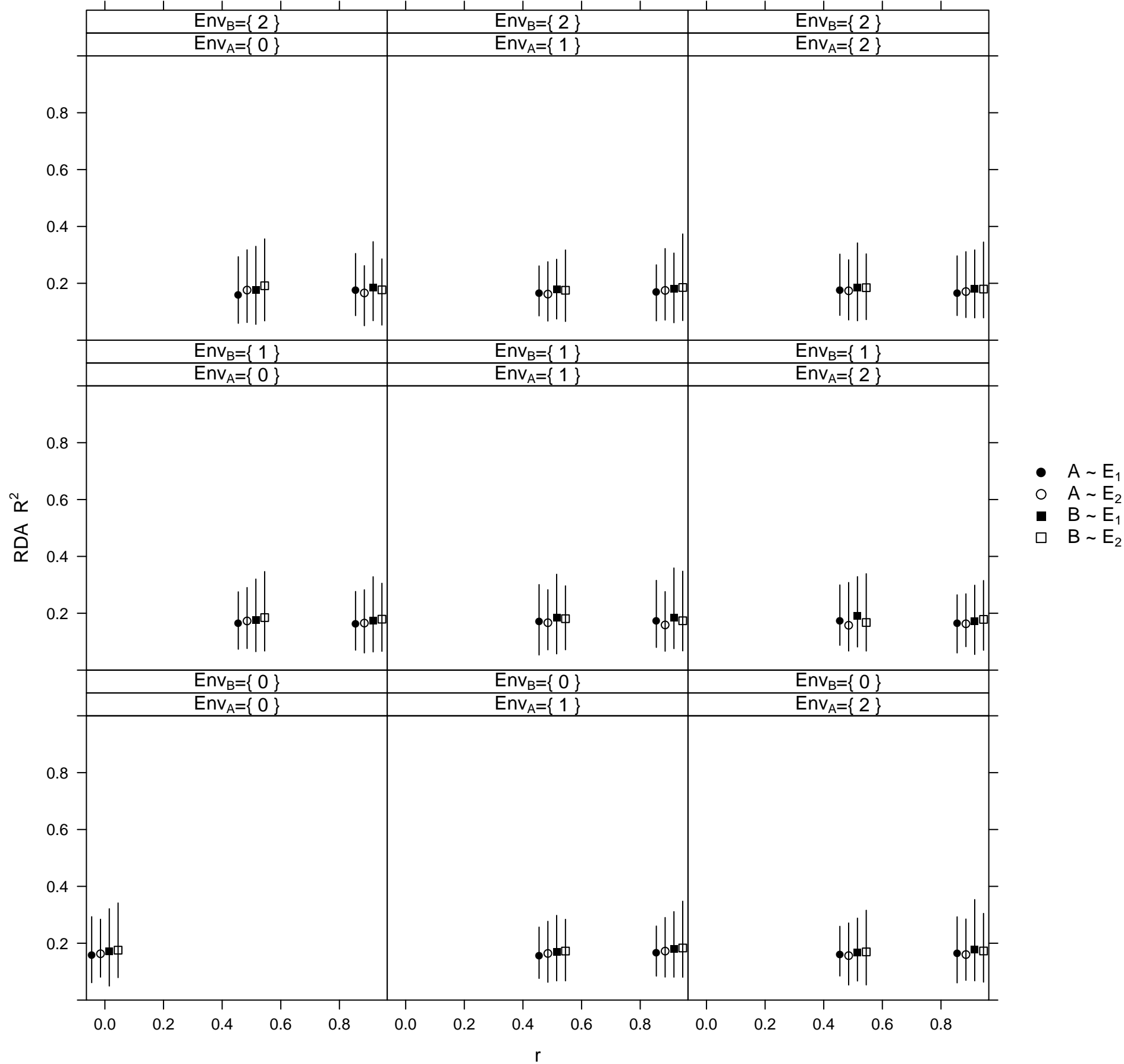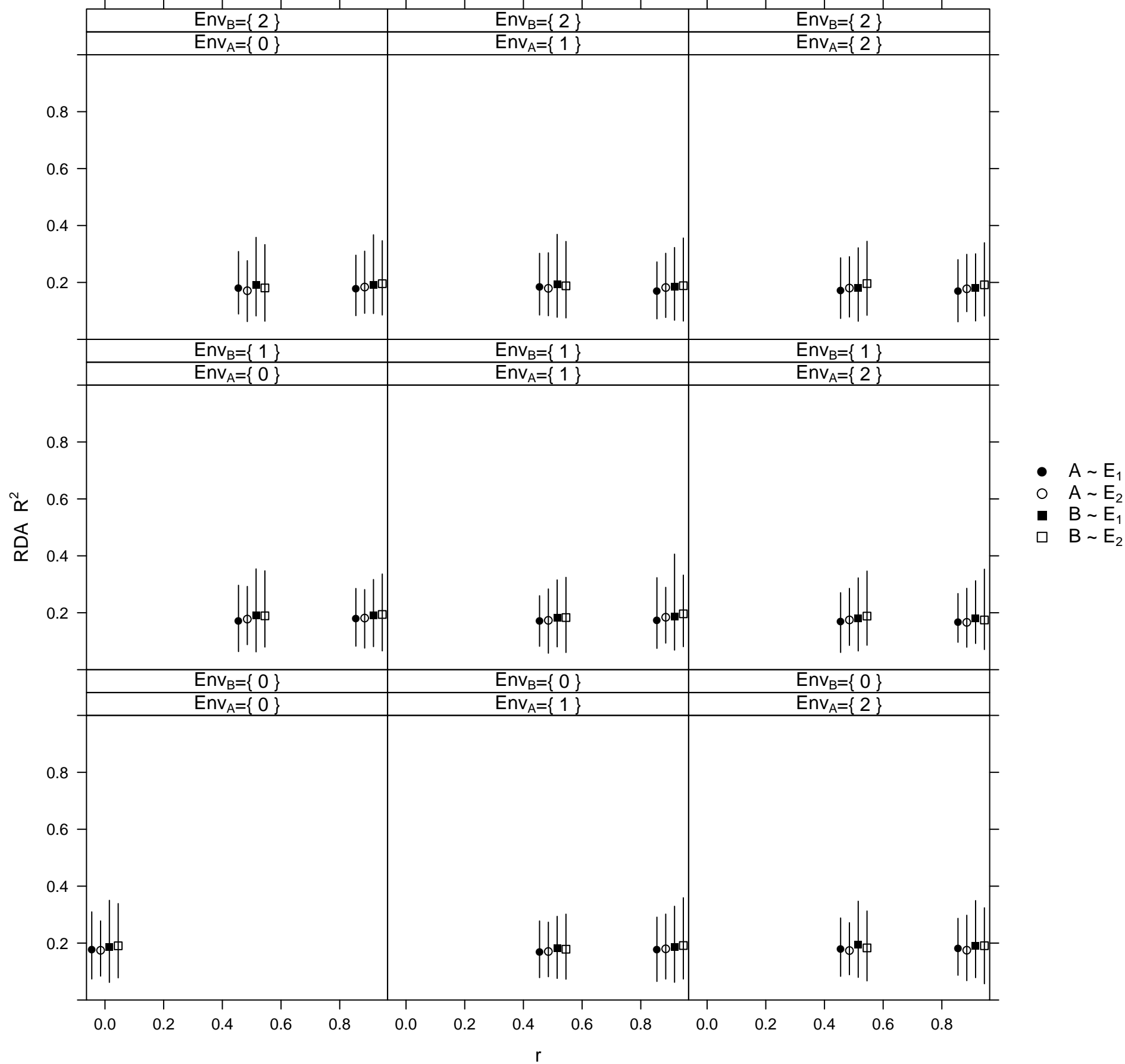
X-axis: r , Filtering = all
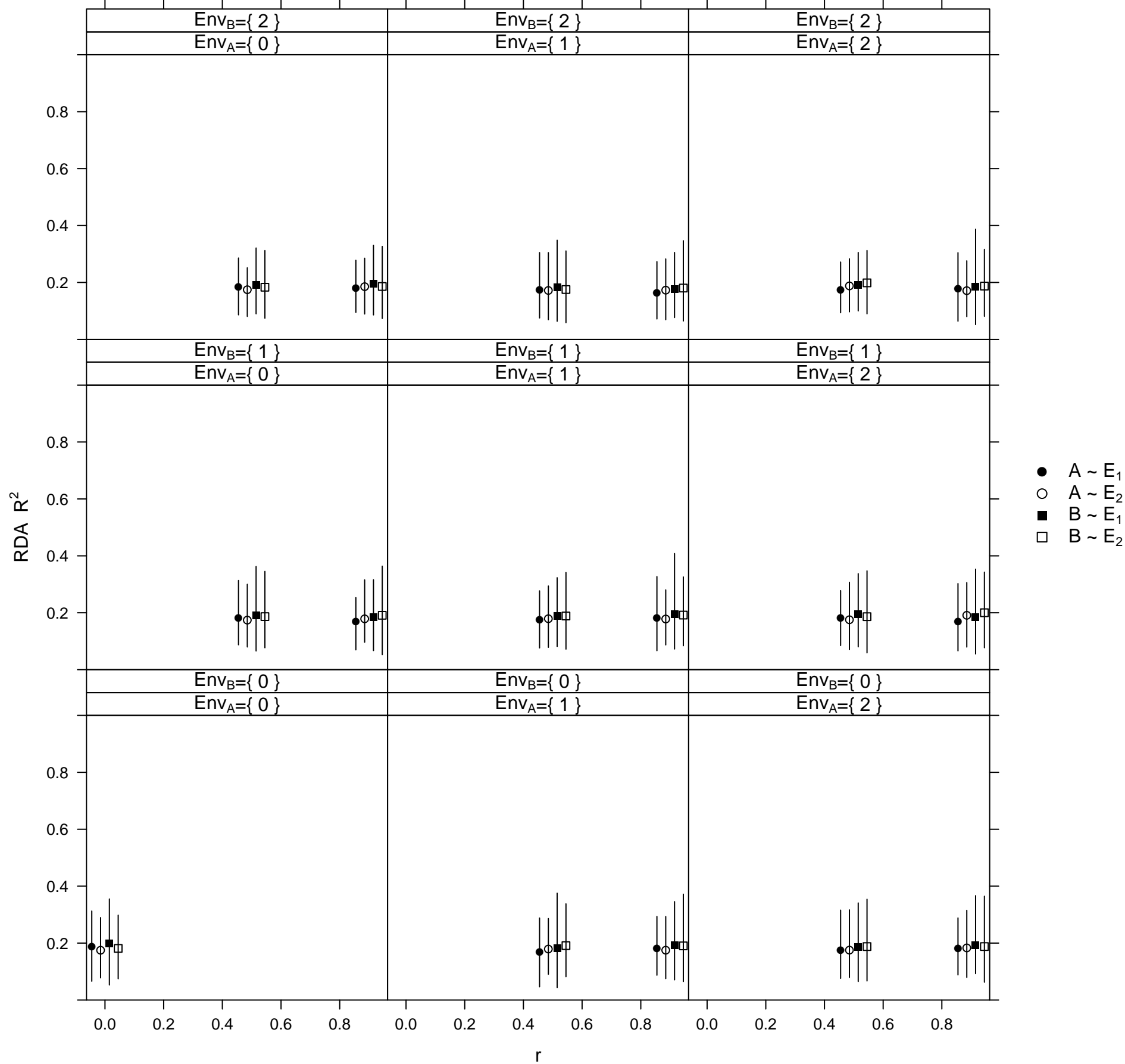
Max N = 16 , Filtering = all

Max N = 32 , Filtering = all