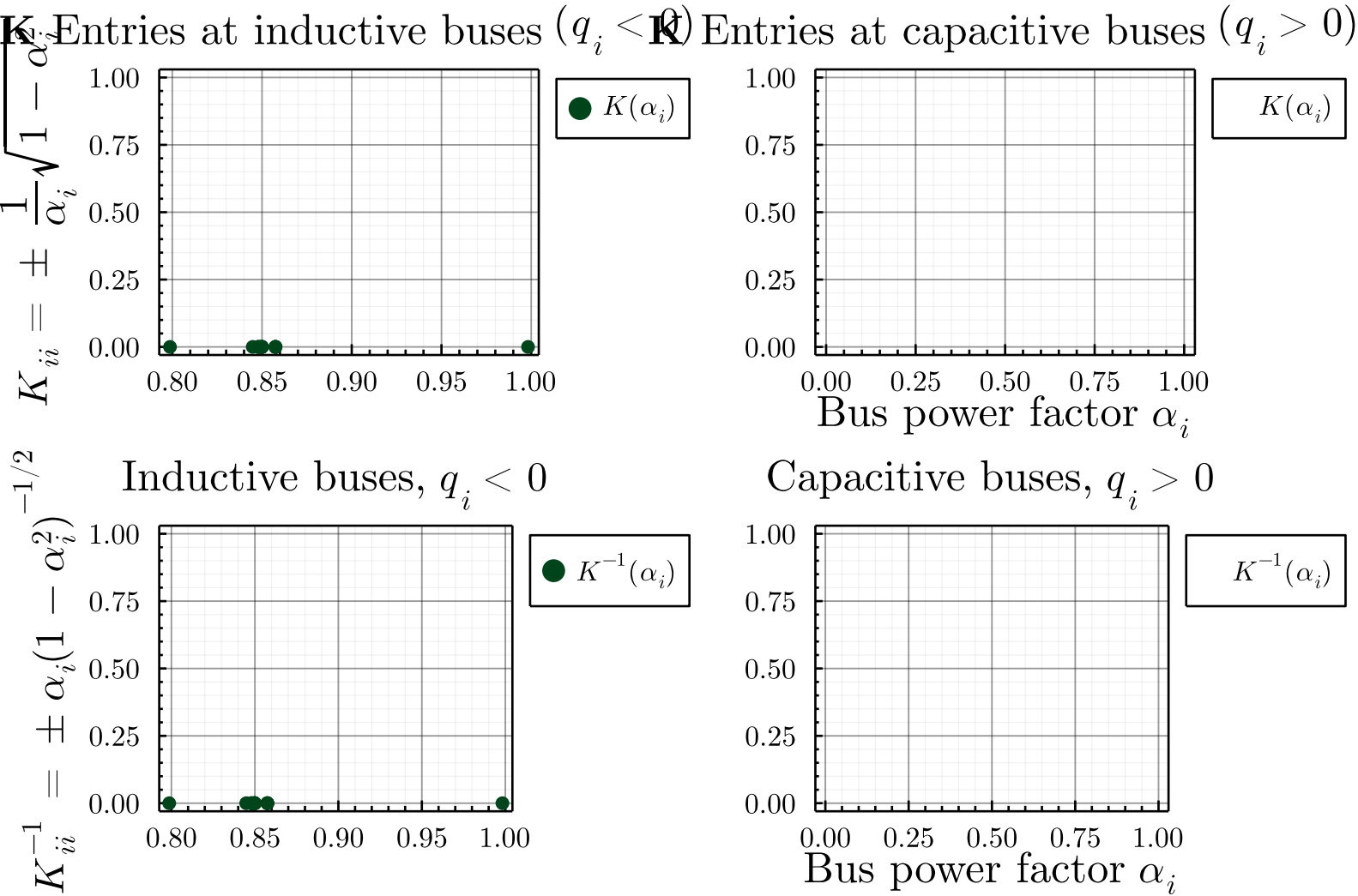
K Entries at inductive buses ($q_i < 0$)
K Entries at capacitive buses ($q_i > 0$)
$K_{ii} = \pm \frac{1}{\alpha_i}\sqrt{1-\alpha_i^2}$
$K(\alpha_i)$
1.00
0.75
0.50
0.25
0.00
0.80
0.85
0.90
0.95
1.00
0.00
0.25
0.50
0.75
1.00
Bus power factor α_i
Inductive buses, $q_i < 0$
Capacitive buses, $q_i > 0$
$K_{ii}^{-1} = \pm \alpha_i(1-\alpha_i^2)^{-1/2}$
$K^{-1}(\alpha_i)$
Bus power factor α_i