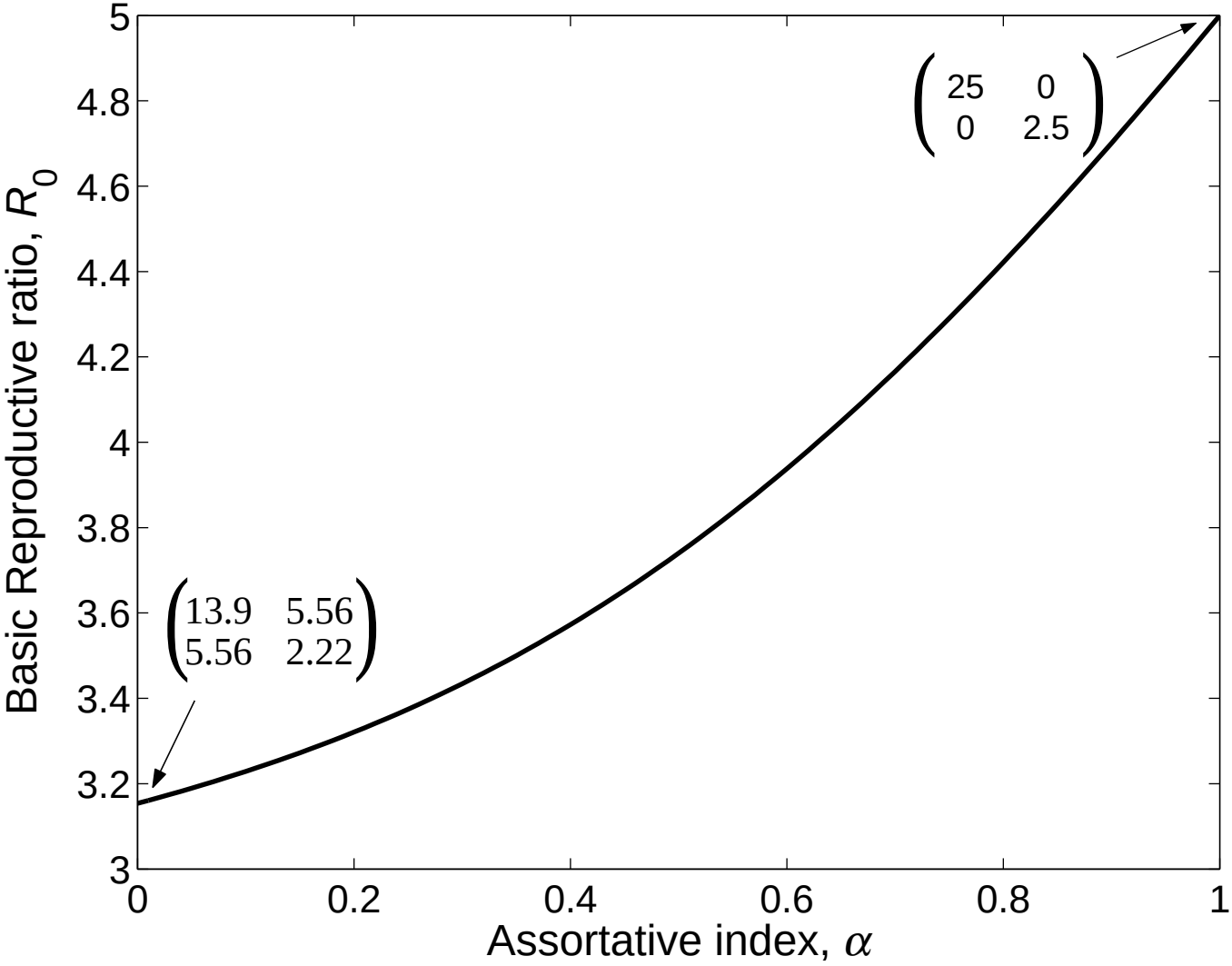
5
4.8
4.6
4.4
4.2
4
3.8
3.6
3.4
3.2
3
0
0.2
0.4
0.6
0.8
1
Basic Reproductive ratio, R_0
Assortative index, α
$\begin{pmatrix} 25 & 0 \\ 0 & 2.5 \end{pmatrix}$
$\begin{pmatrix} 13.9 & 5.56 \\ 5.56 & 2.22 \end{pmatrix}$