$$\mathbf{h}_1(G) = 0.2$$
 $\mathbf{h}_2(G) = 0.2$ $\mathbf{h}_3(G) = 0.6$
 $\mathbf{b}_1(G) = 0.2$ $\mathbf{b}_2(G) = 0.6$ $\mathbf{b}_3(G) = 0.2$
 $\mathbf{h}_1(B) = 0.12$ $\mathbf{h}_2(B) = 0.5$ $\mathbf{h}_3(B) = 0.38$
 $\mathbf{b}_1(B) = 0.4$ $\mathbf{b}_2(B) = 0.53$ $\mathbf{b}_3(B) = 0.07$