The script "schwarzchild-metric.txt" shows that the Einstein tensor $G_{\mu\nu}$ vanishes for the Schwarzchild metric

$$g_{\mu\nu} = \begin{pmatrix} -(1 - 2M/r) & 0 & 0 & 0 \\ 0 & 1/(1 - 2M/r) & 0 & 0 \\ 0 & 0 & r^2 & 0 \\ 0 & 0 & 0 & r^2 \sin^2 \theta \end{pmatrix}$$