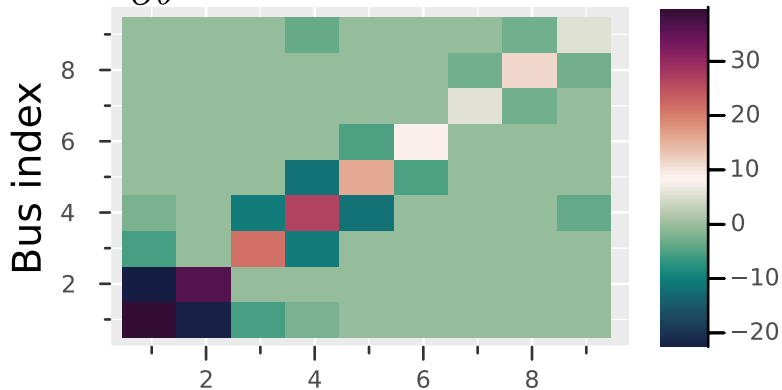
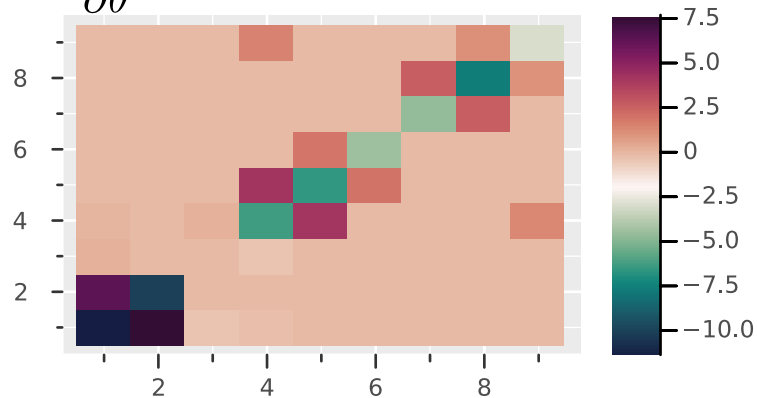


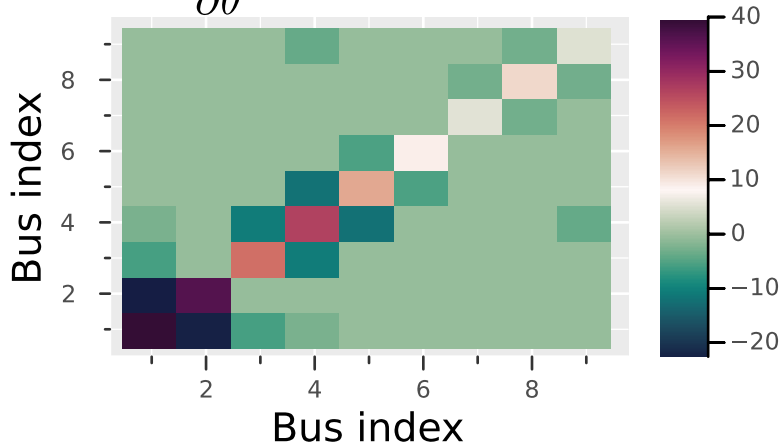
$\frac{\partial p}{\partial \theta}$  (At power flow sol.)



$\frac{\partial q}{\partial \theta}$  (At power flow sol.)



Est.  $\frac{\partial p}{\partial \theta}$  Rel. Error:0.405%



Est.  $\frac{\partial q}{\partial \theta}$  Rel. Error:0.395%

