

# boundary $\phi$

- $\phi_{sq}(\bar{\rho}) = 1 - \left( \frac{1 - \bar{\rho}}{1 - \rho_{\min}} \right)^2$
- $\phi_c(\bar{\rho}) = .99$
- $\phi_q(\bar{\rho}) = 1 - (1 - \bar{\rho})^2$
- $\phi_\ell(\bar{\rho}) = \bar{\rho}_{ij}$