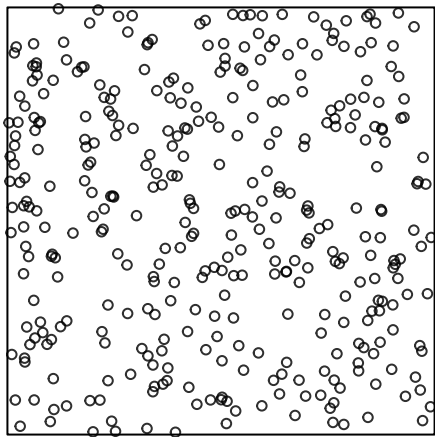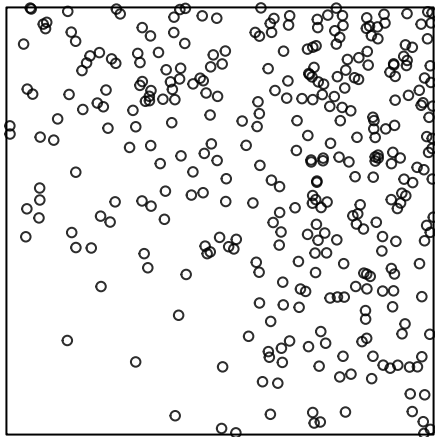**Homogenous**   **Inhomogenous**   **Inhomogenous**