Density operator $\hat{n}(x) \equiv \hat{\psi}^\dagger(x)\hat{\psi}(x)$,

$$\begin{aligned}
[\hat{n}(x), \hat{\psi}(x')]_- &= [\hat{\psi}^\dagger(x)\hat{\psi}(x), \hat{\psi}(x')]_- \\
&= \hat{\psi}^\dagger(x)[\hat{\psi}(x), \hat{\psi}(x')]_\mp \pm [\hat{\psi}^\dagger(x), \hat{\psi}(x')]_\mp \hat{\psi}(x) \\
&= -\delta(x - x')\hat{\psi}(x)
\end{aligned}$$

$$\begin{aligned}
[\hat{n}(x), \hat{\psi}^\dagger(x')]_- &= [\hat{\psi}^\dagger(x)\hat{\psi}(x), \hat{\psi}^\dagger(x')]_- \\
&= \hat{\psi}^\dagger(x)[\hat{\psi}(x), \hat{\psi}^\dagger(x')]_\mp \pm [\hat{\psi}^\dagger(x), \hat{\psi}^\dagger(x')]_\mp \hat{\psi}(x) \\
&= \delta(x - x')\hat{\psi}^\dagger(x')
\end{aligned}$$