view frames Result Recorded at time: 1712661021.5327969 world Broadcaster: /virtual joint broadcaster 0 Average rate:  $10\overline{0}00.0$ Buffer length: 0.0 Most recent transform: 0.0 Oldest transform: 0.0 panda link0 Broadcaster: /robot state publisher Broadcaster: /robot state publisher Broadcaster: /aruco poses trf Average rate:  $1000\overline{0}.0$ Average rate:  $30.2\overline{02}$ Average rate:  $3\overline{0.271}$ Buffer length: 0.0 Buffer length: 4.933 Buffer length: 4.955 Most recent transform: 0.0 Most recent transform: 1712661021.449 Most recent transform: 1712661021.493 Oldest transform: 0.0 Oldest transform: 1712661016.515 Oldest transform: 1712661016.537 panda link1 panda link0 sc aruco frame Broadcaster: /robot state publisher Broadcaster: /robot state publisher Broadcaster: /aruco poses trf Average rate:  $1000\overline{0}.0$ Average rate:  $30.2\overline{0}2$ Average rate:  $3\overline{0.271}$ Buffer length: 0.0 Buffer length: 4.955 Buffer length: 4.933 Most recent transform: 0.0 Most recent transform: 1712661021.449 Most recent transform: 1712661021.493 Oldest transform: 0.0 Oldest transform: 1712661016.515 Oldest transform: 1712661016.537 panda\_link2 panda link1 sc camera link Broadcaster: /robot state publisher Broadcaster: /robot\_state\_publisher Broadcaster: /camera/camera Broadcaster: /camera/camera Broadcaster: /camera/camera Average rate: 10000.0 Average rate: 10.168 Average rate:  $30.2\overline{02}$ Average rate: 10.168 Average rate: 10.168 Buffer length: 0.0 Buffer length: 4.918 Buffer length: 4.918 Buffer length: 4.933 Buffer length: 4.918 Most recent transform: 0.0 Most recent transform: 1712661021.449 Most recent transform: 1712661021.45 Most recent transform: 1712661021.45 Most recent transform: 1712661021.45 Oldest transform: 1712661016.532 Oldest transform: 0.0 Oldest transform: 1712661016.515 Oldest transform: 1712661016.532 Oldest transform: 1712661016.532 panda\_link3 panda link2 sc camera\_color\_frame camera\_depth\_frame camera\_ir\_frame Broadcaster: /robot state publisher Broadcaster: /robot state publisher Broadcaster: /camera/camera Broadcaster: /camera/camera Broadcaster: /camera/camera Average rate:  $1000\overline{0}.0$ Average rate:  $30.\overline{202}$ Average rate: 10.168 Average rate: 10.168 Average rate: 10.168 Buffer length: 0.0 Buffer length: 4.933 Buffer length: 4.918 Buffer length: 4.918 Buffer length: 4.918 Most recent transform: 1712661021.45 Most recent transform: 1712661021.45 Most recent transform: 0.0 Most recent transform: 1712661021.449 Most recent transform: 1712661021.45 Oldest transform: 0.0 Oldest transform: 1712661016.515 Oldest transform: 1712661016.532 Oldest transform: 1712661016.532 Oldest transform: 1712661016.532 panda\_link3\_sc camera\_color\_optical\_frame camera\_ir\_optical\_frame panda\_link4  $camera\_depth\_optical\_frame$ Broadcaster: /robot state publisher Broadcaster: /robot state publisher Average rate:  $1000\overline{0}.0$ Average rate:  $30.\overline{202}$ Buffer length: 0.0 Buffer length: 4.933 Most recent transform: 0.0 Most recent transform: 1712661021.449 Oldest transform: 0.0 Oldest transform: 1712661016.515 panda\_link4\_sc panda link5 Broadcaster: /robot state publisher Broadcaster: /robot state publisher Average rate: 10000.0 Average rate:  $30.\overline{202}$ Buffer length: 0.0 Buffer length: 4.933 Most recent transform: 1712661021.449 Most recent transform: 0.0 Oldest transform: 1712661016.515 Oldest transform: 0.0 panda\_link5\_sc panda link6 Broadcaster: /robot state publisher Broadcaster: /robot state publisher Average rate: 30.202 Average rate:  $1000\overline{0}.0$ Buffer length: 0.0 Buffer length: 4.933 Most recent transform: 1712661021.449 Most recent transform: 0.0 Oldest transform: 0.0 Oldest transform: 1712661016.515 panda\_link6\_sc panda link7 Broadcaster: /robot state publisher Broadcaster: /robot state publisher Average rate:  $1000\overline{0}.0$ Average rate:  $1000\overline{0}.0$ Buffer length: 0.0 Buffer length: 0.0 Most recent transform: 0.0 Most recent transform: 0.0 Oldest transform: 0.0 Oldest transform: 0.0 panda\_link7\_sc panda link8 Broadcaster: /robot state publisher Broadcaster: /franka control Average rate: 10000.0 Average rate:  $29.\overline{6}01$ Buffer length: 0.0 Buffer length: 4.966 Most recent transform: 0.0 Most recent transform: 1712661021.487 Oldest transform: 0.0 Oldest transform: 1712661016.521 panda hand panda\_NE Broadcaster: /robot\_state\_publisher Average rate: 30.202 Broadcaster: /robot\_state\_publisher Average rate: 10000.0 Broadcaster: /robot\_state\_publisher Average rate: 10000.0 Broadcaster: /robot\_state\_publisher Average rate: 30.202 Broadcaster: /franka control Average rate: 29.601 Buffer length: 4.933 Buffer length: 4.966 Buffer length: 0.0 Buffer length: 4.933 Buffer length: 0.0 Most recent transform: 0.0 Most recent transform: 1712661021.449 \ Most recent transform: 1712661021.449 Most recent transform: 1712661021.487 Most recent transform: 0.0 Oldest transform: 1712661016.515 Oldest transform: 0.0 Oldest transform: 0.0 Oldest transform: 1712661016.515 Oldest transform: 1712661016.521 panda\_hand sc panda\_leftfinger panda\_rightfinger panda EE panda\_hand\_tcp Broadcaster: /franka control Average rate:  $29.\overline{6}01$ Buffer length: 4.966 Most recent transform: 1712661021.487 Oldest transform: 1712661016.521 panda K