

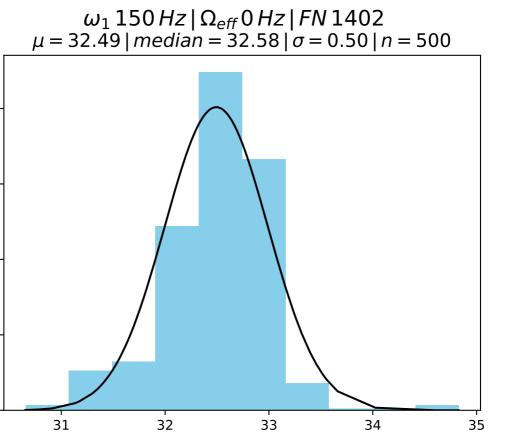
 $R_{1\rho} s^{-1}$

0.4

0.3

0.2

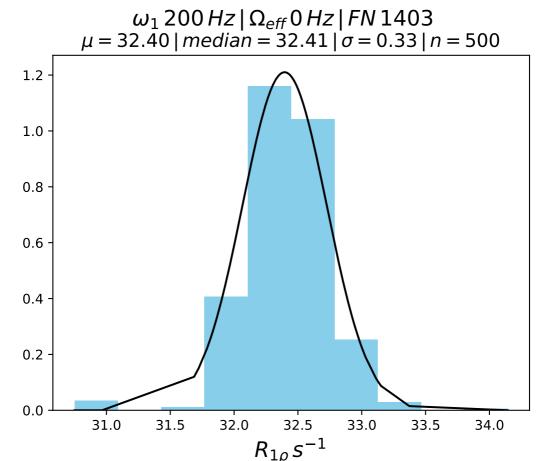
0.1

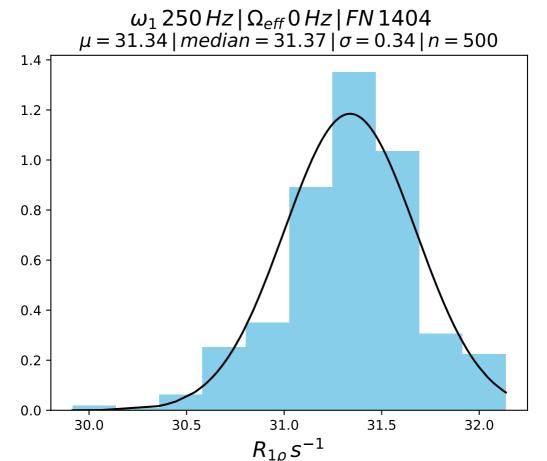


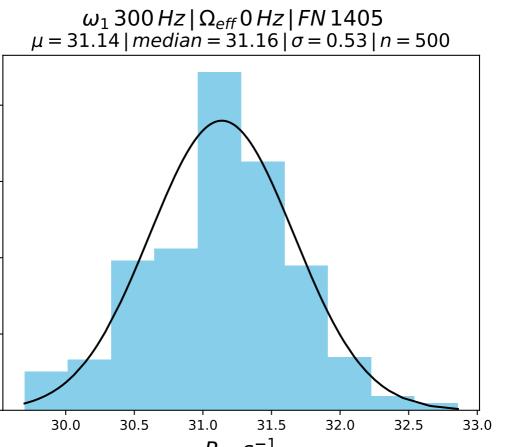
0.6

0.4

0.2





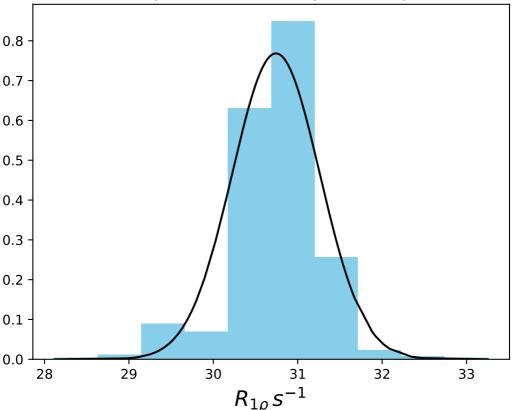


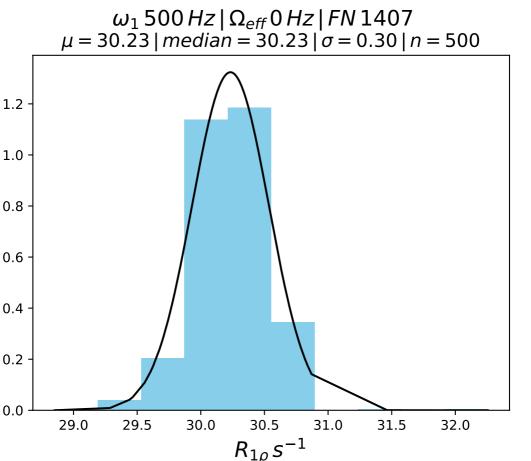
0.6

0.4

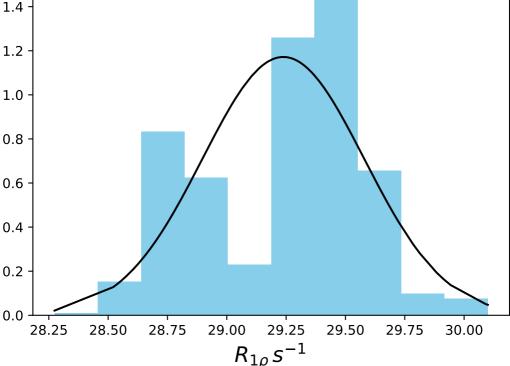
0.2

 $\omega_1 \, 400 \, Hz \, | \, \Omega_{eff} \, 0 \, Hz \, | \, FN \, 1406$ $\mu = 30.74 \, | \, median = 30.76 \, | \, \sigma = 0.52 \, | \, n = 500$

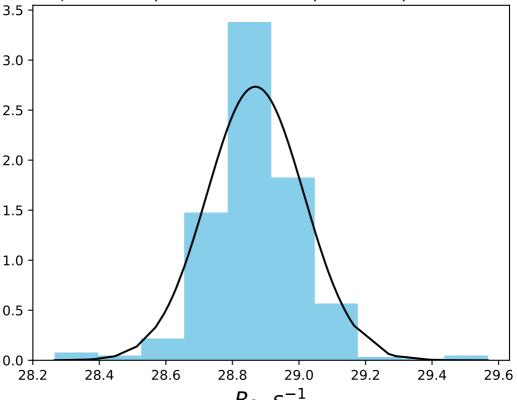




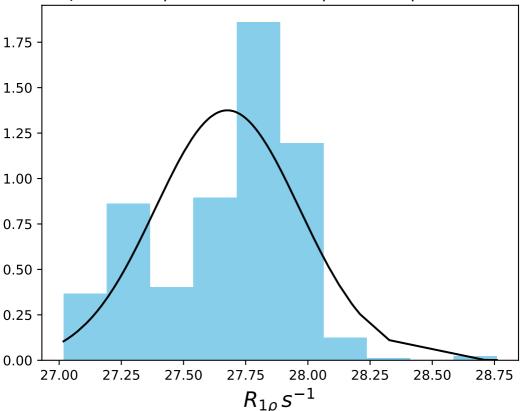
 $\omega_1 600 Hz | \Omega_{eff} 0 Hz | FN 1408$ $\mu = 29.24 \, | \, median = 29.33 \, | \, \sigma = 0.34 \, | \, n = 500$

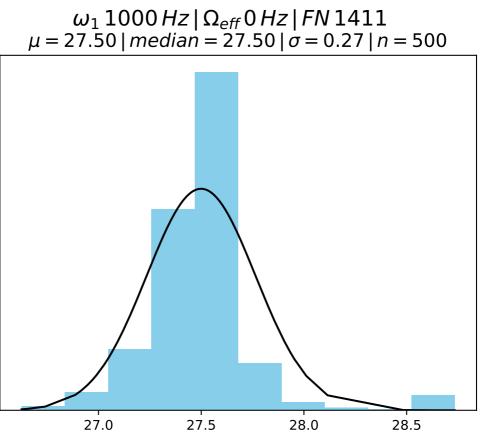


 ω_1 700 Hz | Ω_{eff} 0 Hz | FN 1409 μ = 28.87 | median = 28.86 | σ = 0.15 | n = 500



 ω_1 900 Hz | Ω_{eff} 0 Hz | FN 1410 μ = 27.68 | median = 27.76 | σ = 0.29 | n = 500

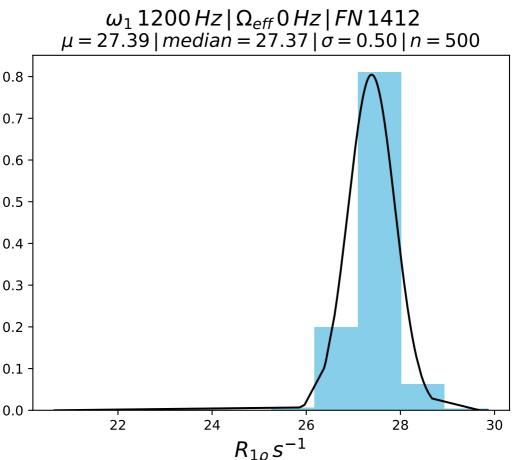


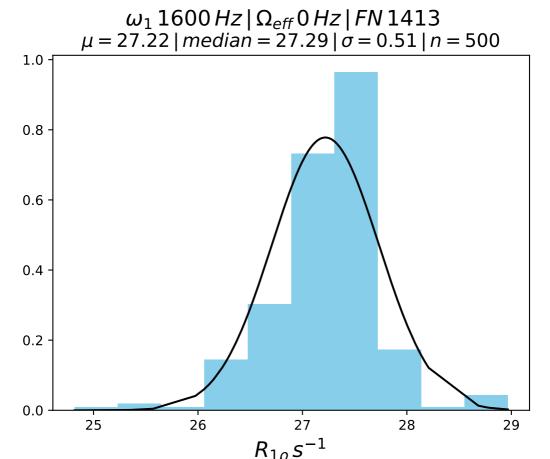


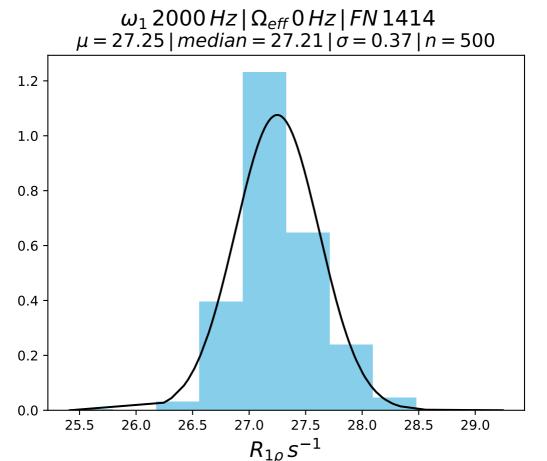
1.5

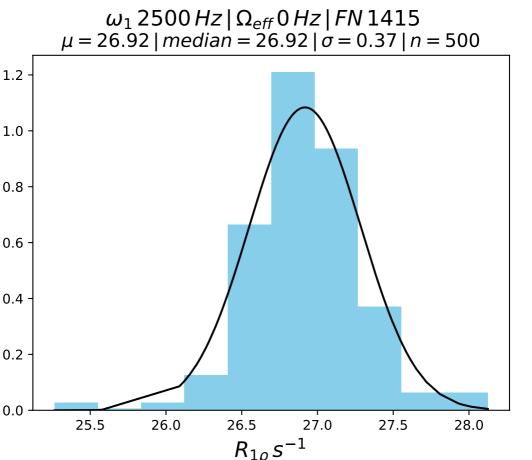
1.0

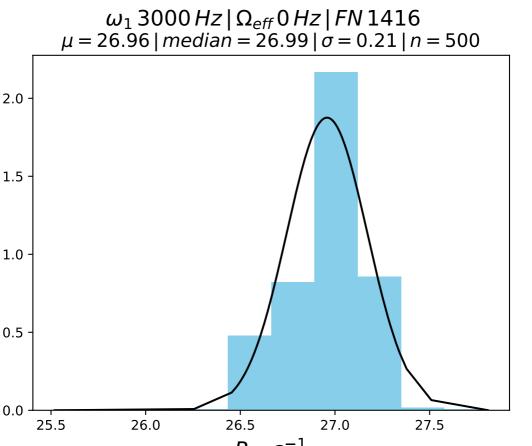
0.5

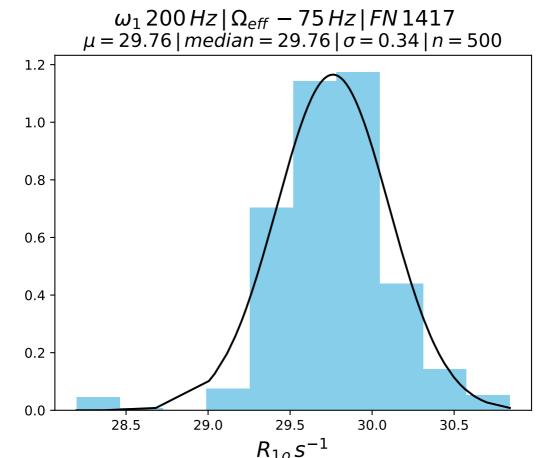


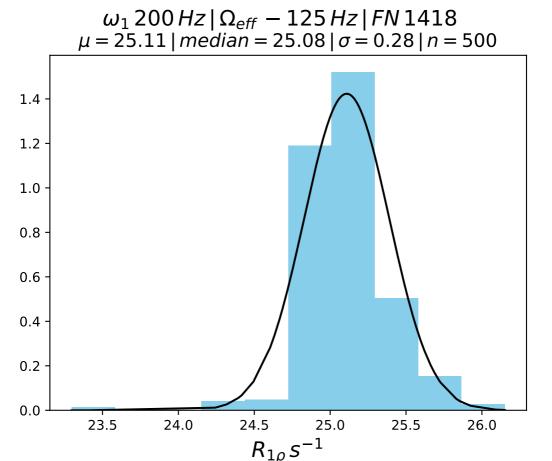


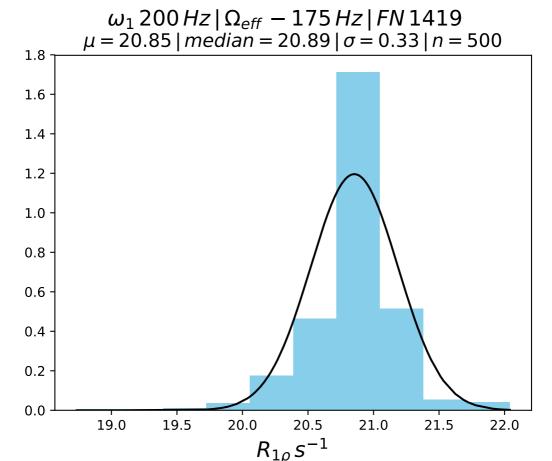




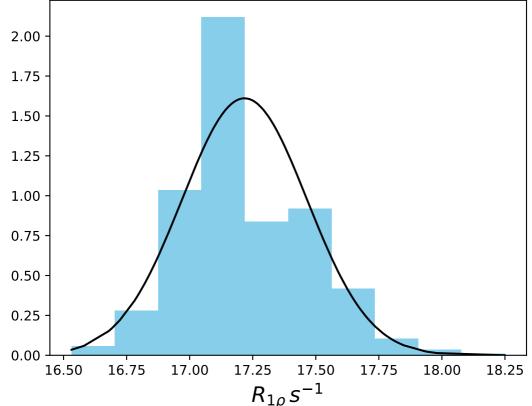


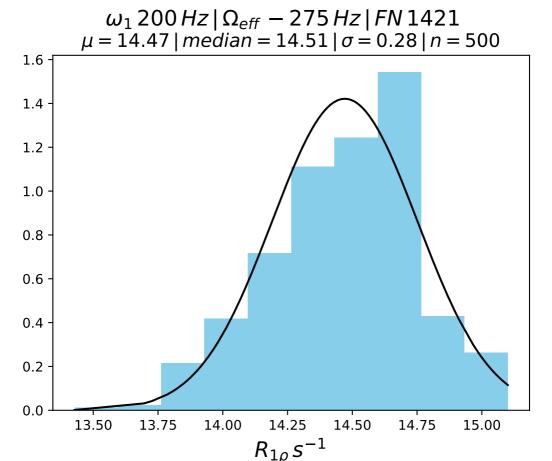


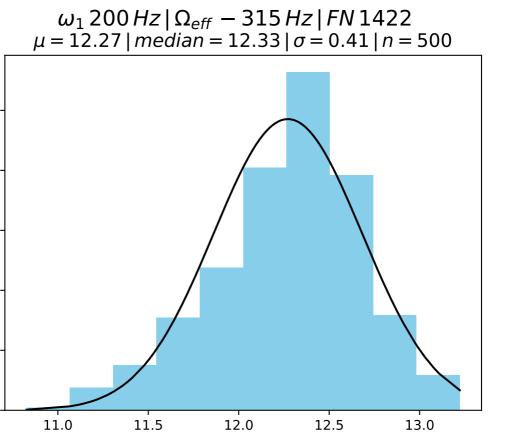




 ω_1 200 Hz | Ω_{eff} - 225 Hz | FN 1420 μ = 17.22 | median = 17.17 | σ = 0.25 | n = 500





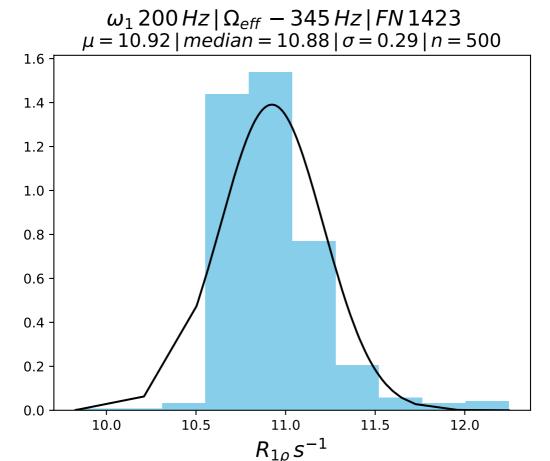


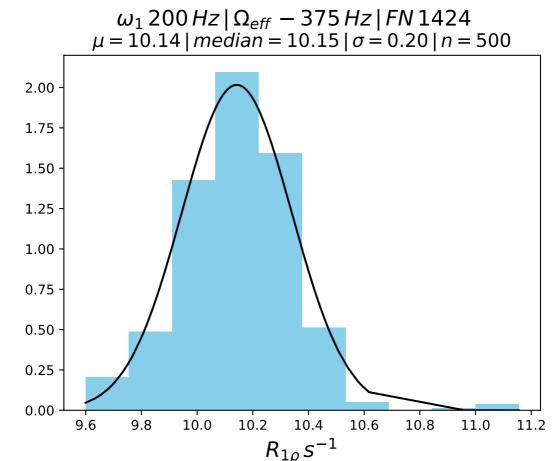
8.0

0.6

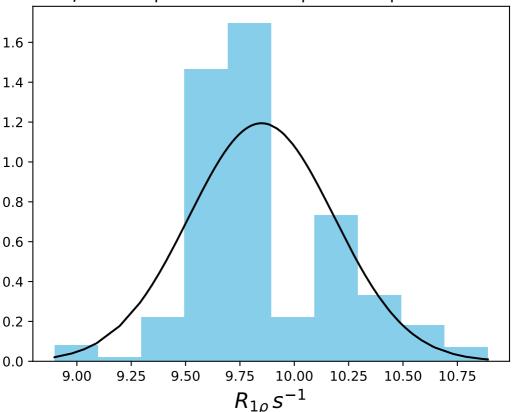
0.4

0.2

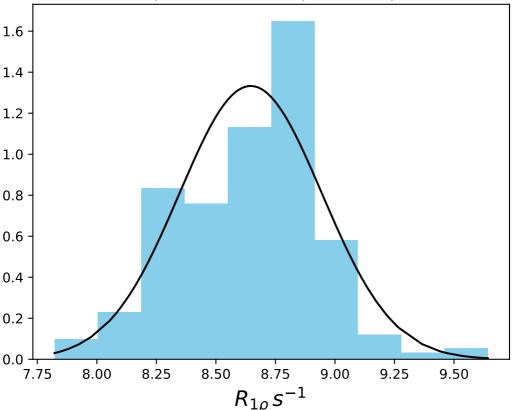




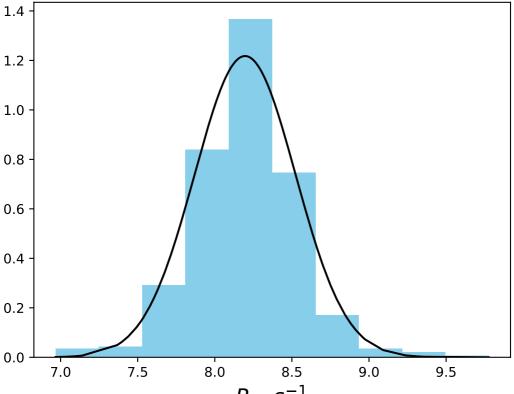
 $\omega_1 \, 200 \, Hz \, | \, \Omega_{eff} \, - \, 405 \, Hz \, | \, FN \, 1425$ $\mu = 9.85 \, | \, median = 9.77 \, | \, \sigma = 0.33 \, | \, n = 500$

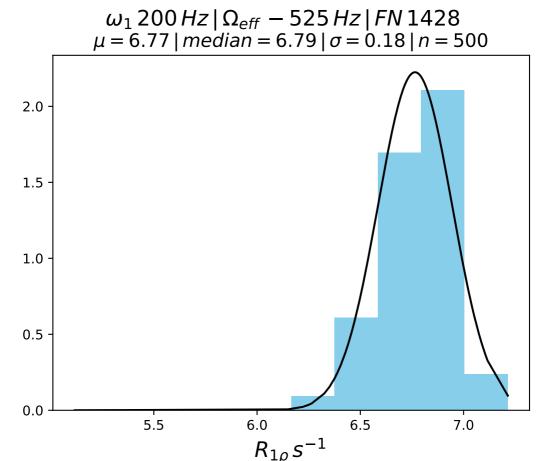


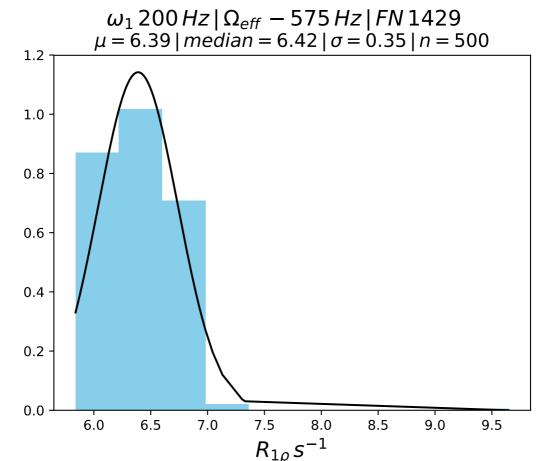
 $\omega_1 200 \, Hz \, | \, \Omega_{eff} - 435 \, Hz \, | \, FN \, 1426$ $\mu = 8.65 \, | \, median = 8.67 \, | \, \sigma = 0.30 \, | \, n = 500$



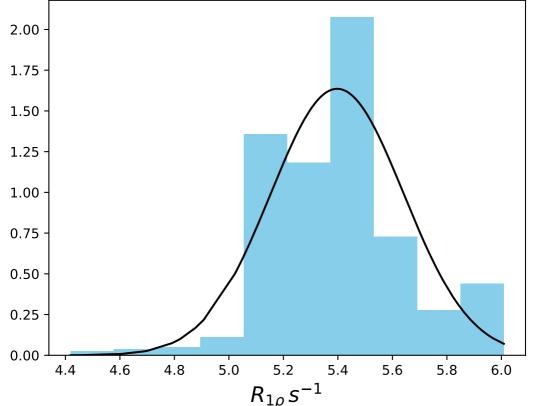
 $\omega_1 \, 200 \, Hz \, | \, \Omega_{eff} \, - \, 475 \, Hz \, | \, FN \, 1427$ $\mu = 8.20 \, | \, median = 8.18 \, | \, \sigma = 0.33 \, | \, n = 500$

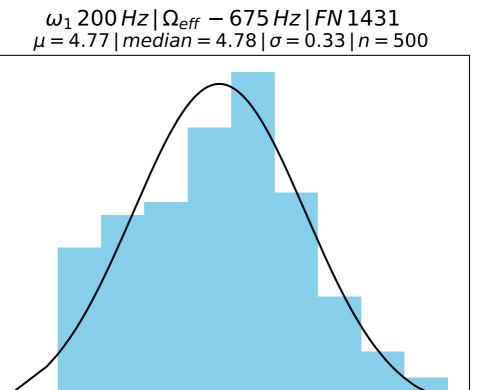






 $\omega_1 \, 200 \, Hz \, | \, \Omega_{eff} \, - \, 625 \, Hz \, | \, FN \, 1430$ $\mu = 5.40 \, | \, median = 5.41 \, | \, \sigma = 0.24 \, | \, n = 500$





1.0

8.0

0.6

0.4

0.2

0.0

4.00

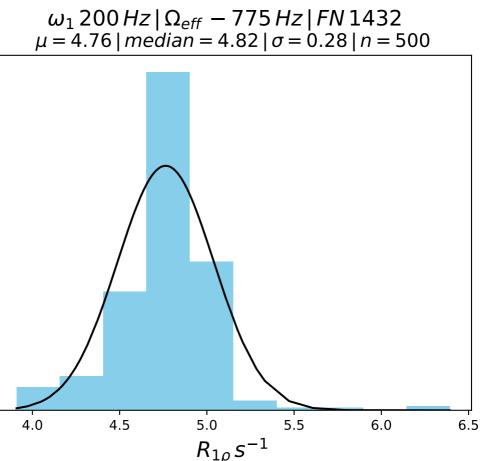
4.25

4.50

4.75

5.00

5.25



1.75

1.50

1.25

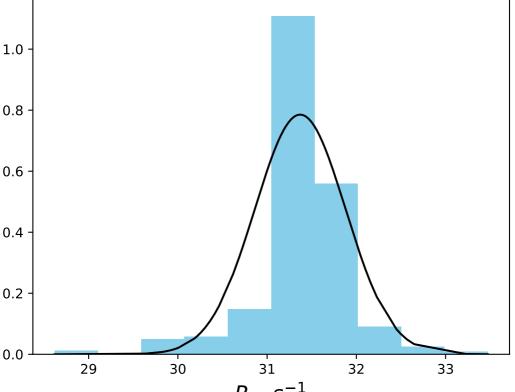
1.00

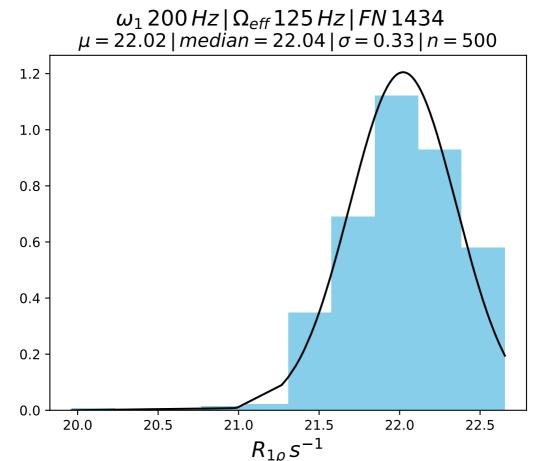
0.75

0.50

0.25

 $\omega_1 \, 200 \, Hz \, | \, \Omega_{eff} \, 25 \, Hz \, | \, FN \, 1433$ $\mu = 31.37 \, | \, median = 31.39 \, | \, \sigma = 0.51 \, | \, n = 500$





 $\omega_1 \, 200 \, Hz \, | \, \Omega_{eff} \, 225 \, Hz \, | \, FN \, 1435$ $\mu = 13.54 \, | \, median = 13.58 \, | \, \sigma = 0.26 \, | \, n = 500$

13.5

14.0

14.5

1.75

1.50

1.25

1.00

0.75

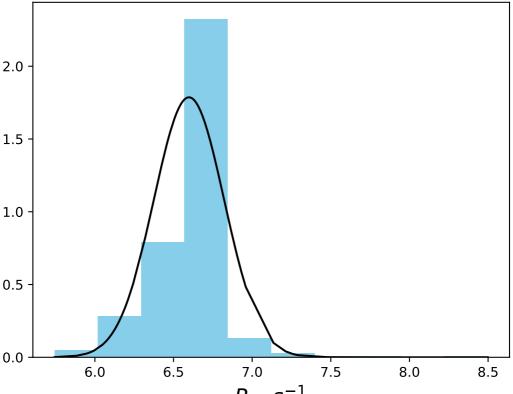
0.50

0.25

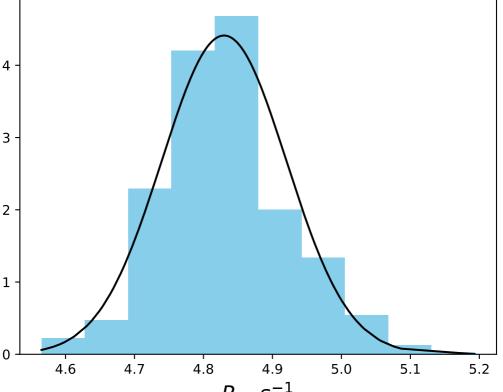
0.00

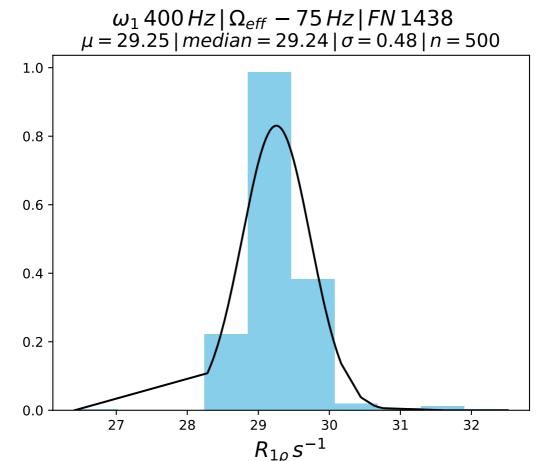
12.5

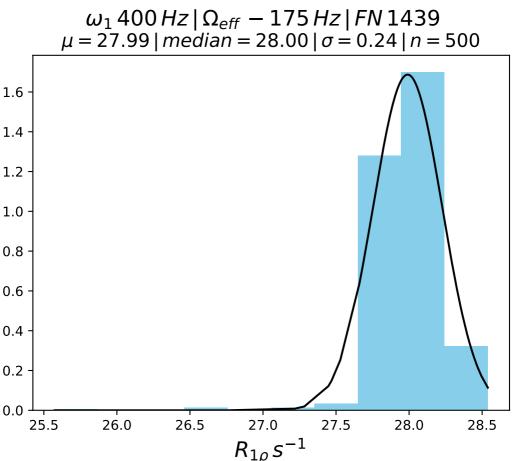
 ω_1 200 Hz | Ω_{eff} 425 Hz | FN 1436 μ = 6.60 | median = 6.63 | σ = 0.22 | n = 500



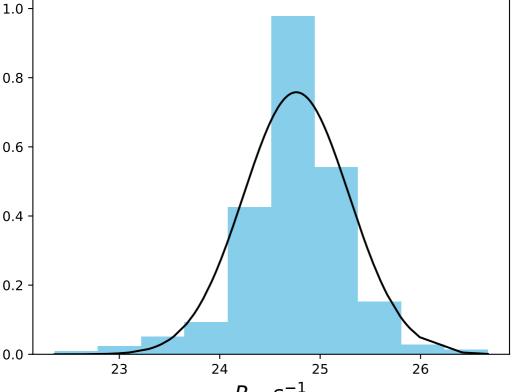
 $\omega_1 \, 200 \, Hz \, | \, \Omega_{\rm eff} \, 625 \, Hz \, | \, FN \, 1437$ $\mu = 4.83 \, | \, median = 4.83 \, | \, \sigma = 0.09 \, | \, n = 500$

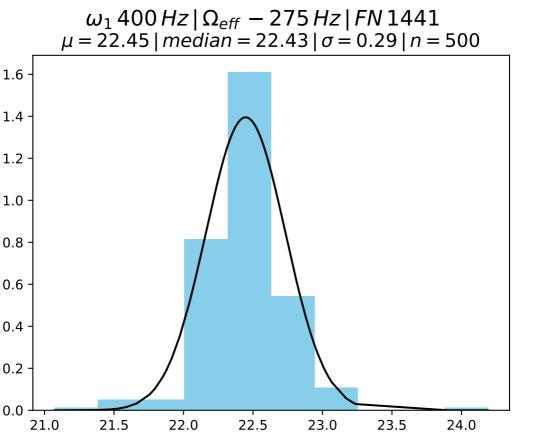




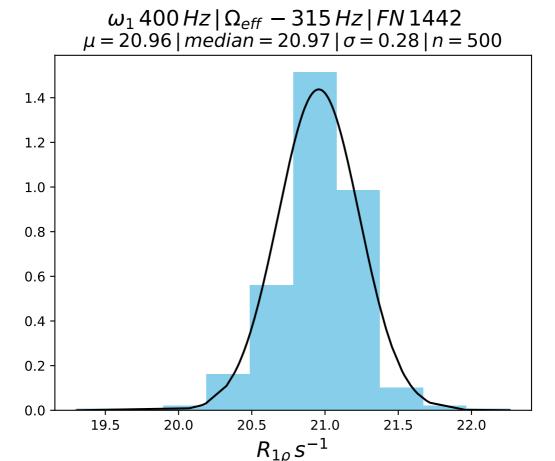


 $\omega_1 \, 400 \, Hz \, | \, \Omega_{eff} \, - \, 225 \, Hz \, | \, FN \, 1440$ $\mu = 24.76 \, | \, median = 24.79 \, | \, \sigma = 0.53 \, | \, n = 500$

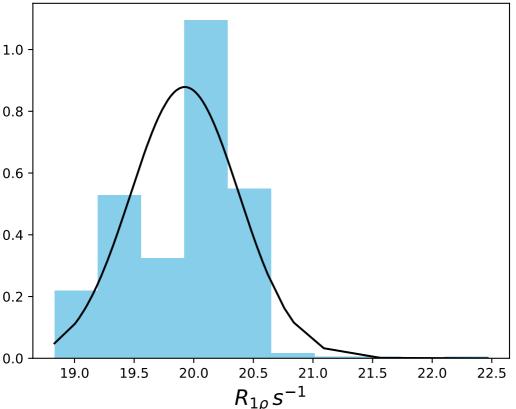




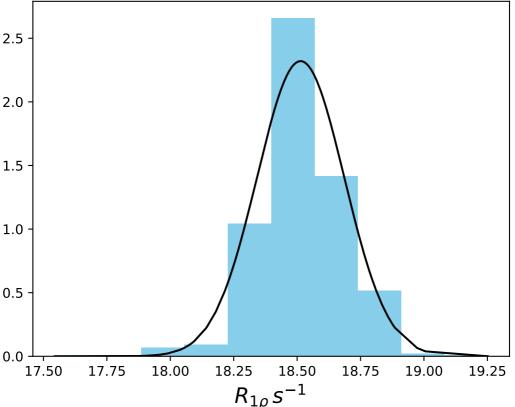
 $R_{1\rho} s^{-1}$

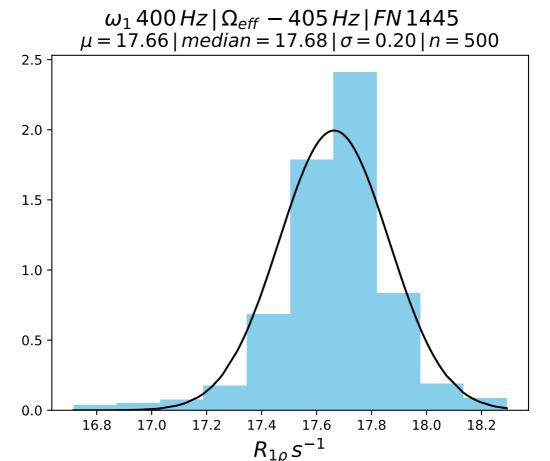


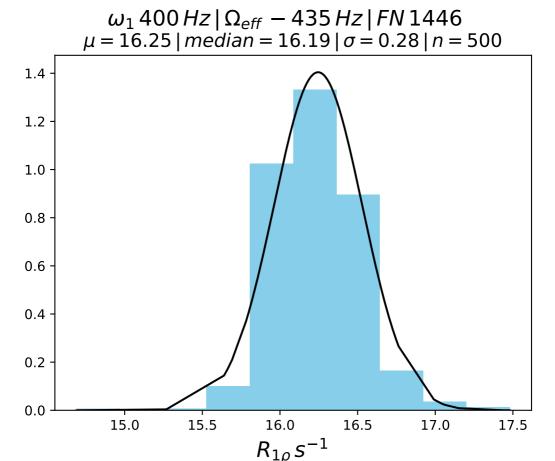
 $\omega_1 \, 400 \, Hz \, | \, \Omega_{eff} \, - \, 345 \, Hz \, | \, FN \, 1443$ $\mu = 19.93 \, | \, median = 20.03 \, | \, \sigma = 0.45 \, | \, n = 500$

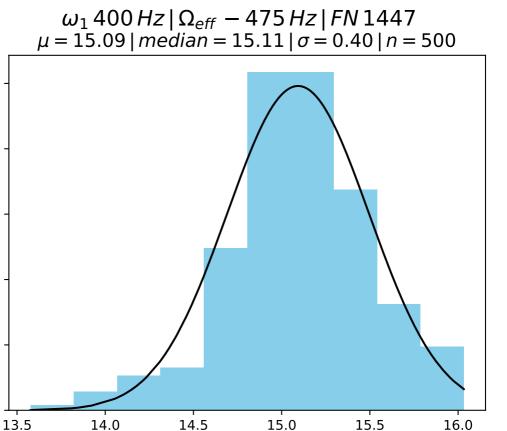


 $\omega_1 \, 400 \, Hz \, | \, \Omega_{eff} \, - \, 375 \, Hz \, | \, FN \, 1444$ $\mu = 18.51 \, | \, median = 18.51 \, | \, \sigma = 0.17 \, | \, n = 500$







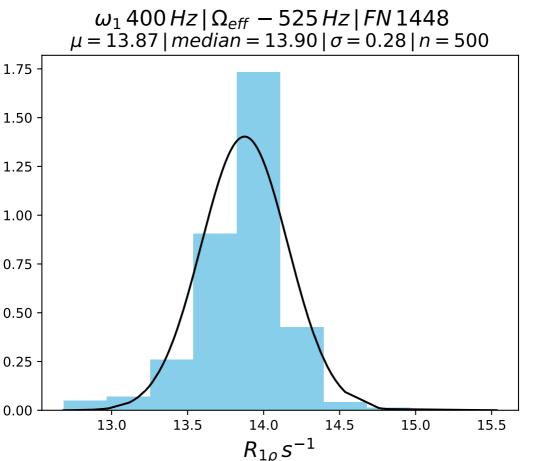


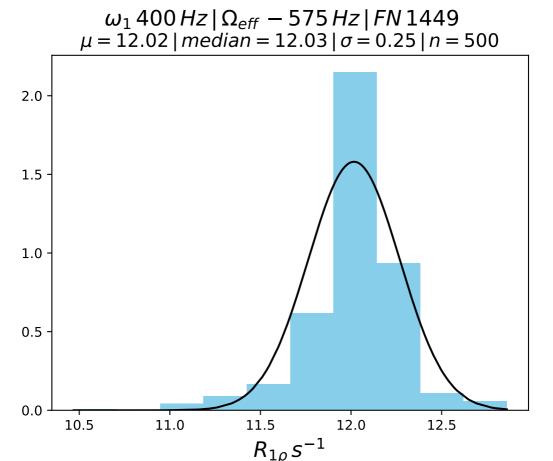
8.0

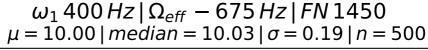
0.6

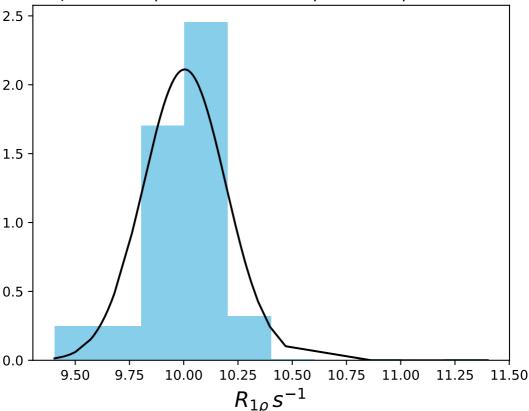
0.4

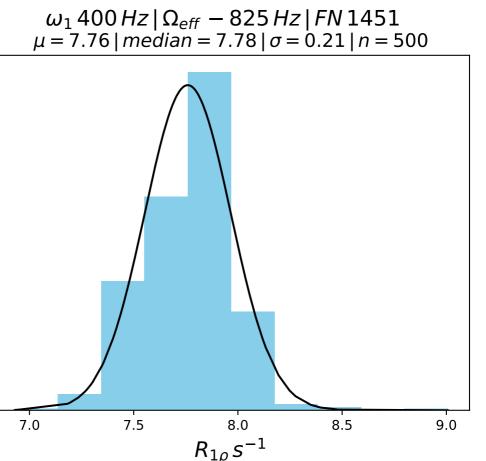
0.2











1.75

1.50

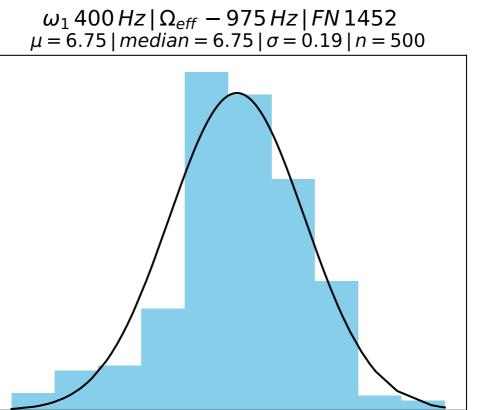
1.25

1.00

0.75

0.50

0.25



7.0

7.2

7.4

2.0

1.5

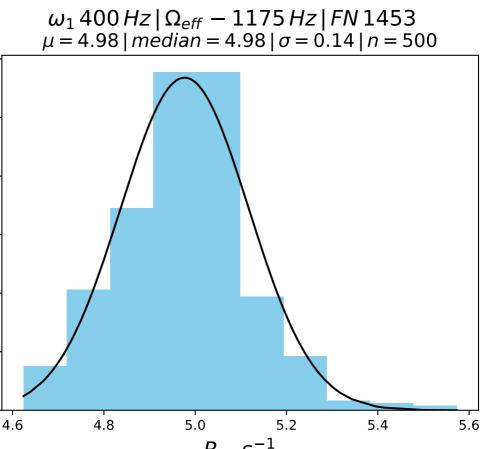
1.0

0.5

0.0

6.2

6.4



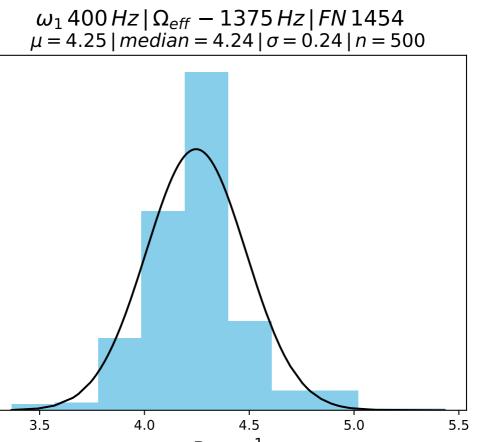
2.5

2.0

1.5

1.0

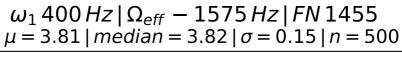
0.5

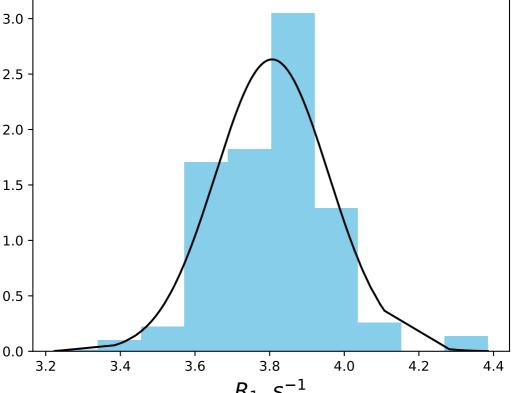


1.5

1.0

0.5





 $\omega_1 400 \, Hz \, | \, \Omega_{eff} 75 \, Hz \, | \, FN \, 1456$ $\mu = 28.76 \, | \, median = 28.74 \, | \, \dot{\sigma} = 0.39 \, | \, n = 500$

 $R_{1\rho} s^{-1}$

29.0

29.5

30.0

1.0

8.0

0.6

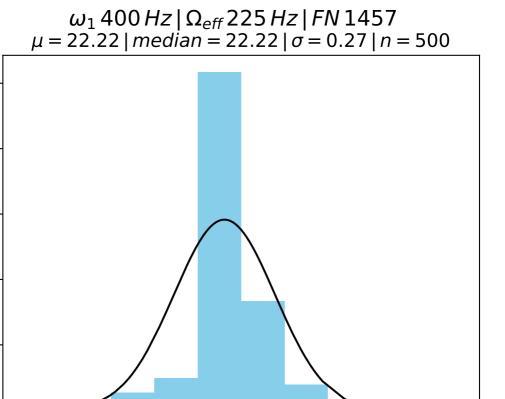
0.4

0.2

0.0

27.0

27.5



23.0

23.5

22.0

21.5

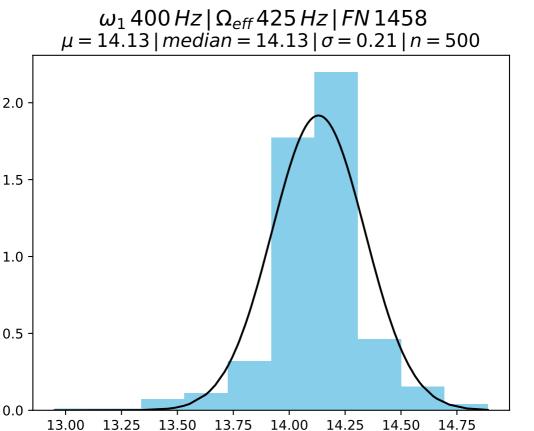
2.5

2.0

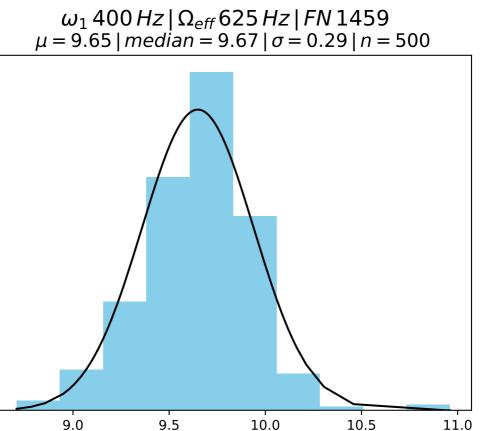
1.5

1.0

0.5



 $R_{1o} s^{-1}$



1.4

1.2

1.0

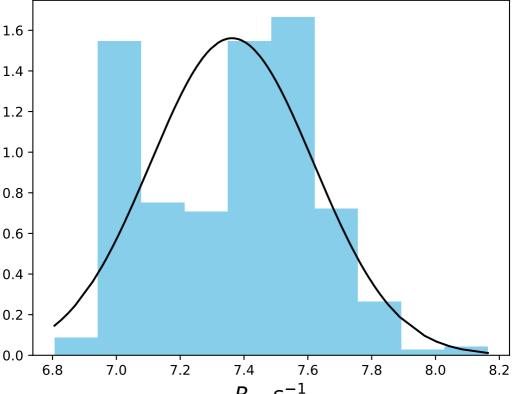
8.0

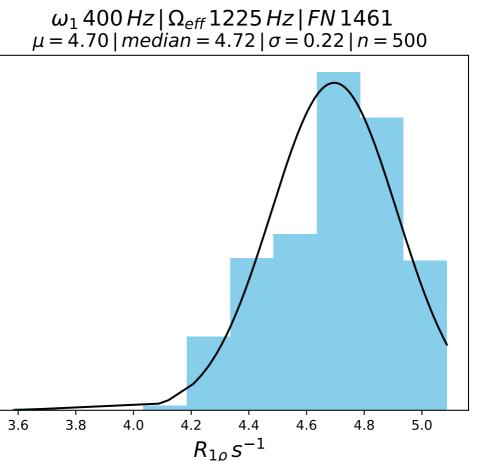
0.6

0.4

0.2

 $\omega_1 \, 400 \, Hz \, | \, \Omega_{eff} \, 825 \, Hz \, | \, FN \, 1460$ $\mu = 7.36 \, | \, median = 7.41 \, | \, \sigma = 0.26 \, | \, n = 500$





1.50

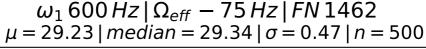
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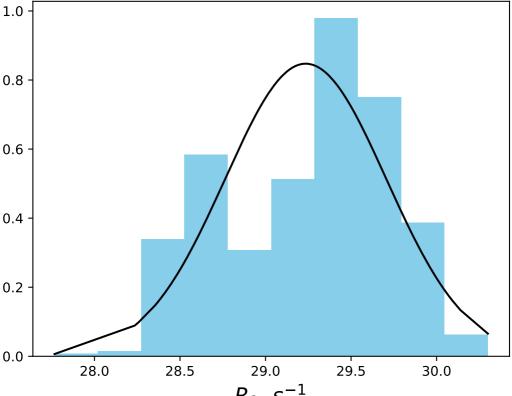
1.00

0.75

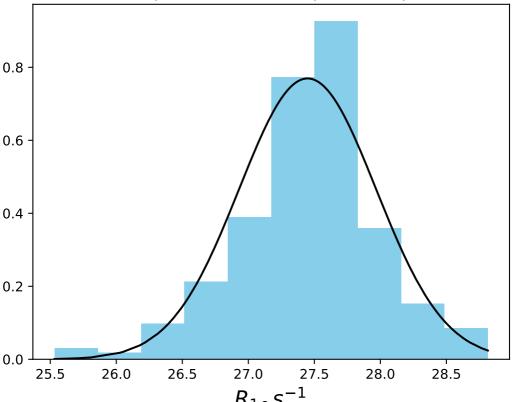
0.50

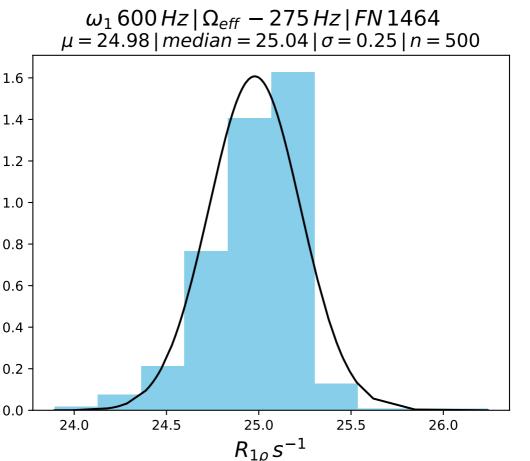
0.25





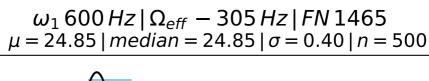
 $\omega_1\,600\,Hz\,|\,\Omega_{eff}\,-\,175\,Hz\,|\,FN\,1463$ $\mu=27.45\,|\,median=27.50\,|\,\sigma=0.52\,|\,n=500$

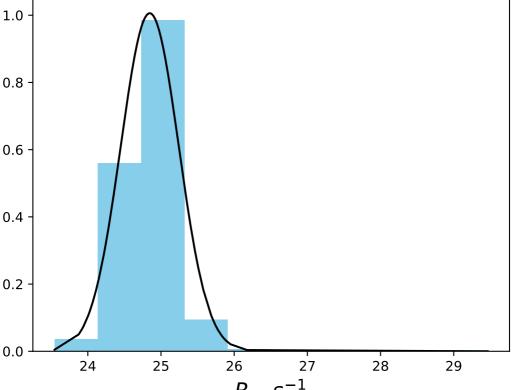


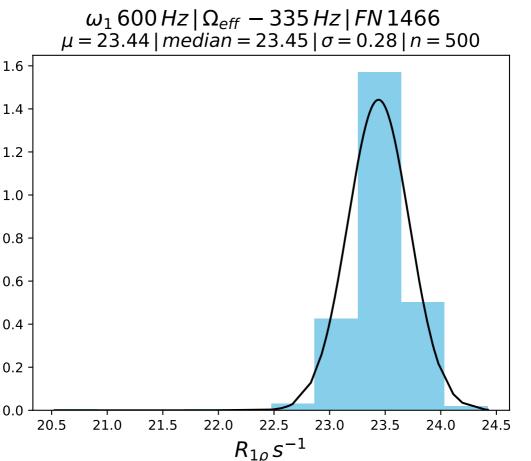


1.2

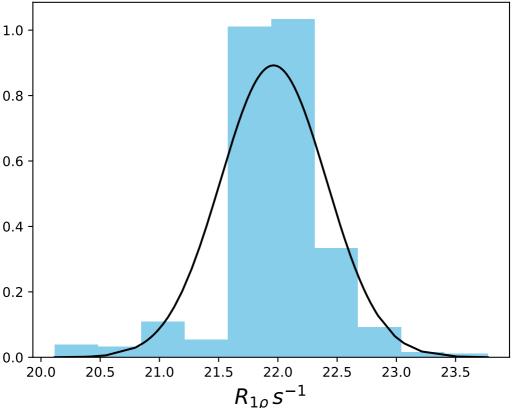
0.2

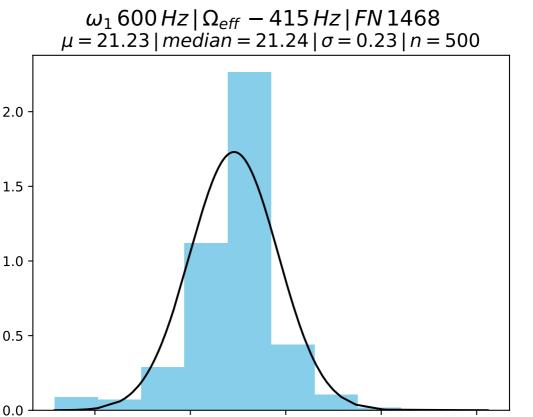






 $\omega_1 \, 600 \, Hz \, | \, \Omega_{eff} \, - \, 375 \, Hz \, | \, FN \, 1467$ $\mu = 21.96 \, | \, median = 21.98 \, | \, \sigma = 0.45 \, | \, n = 500$





22.0

22.5

20.5

 $\omega_1 600 \, Hz \, | \, \Omega_{eff} - 445 \, Hz \, | \, FN \, 1469$ $\mu = 20.23 \, | \, median = 20.29 \, | \, \sigma = 0.40 \, | \, n = 500$

 $R_{1\rho} s^{-1}$

20.0

20.5

21.0

1.0

8.0

0.6

0.4

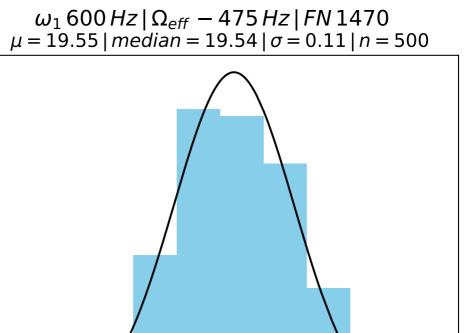
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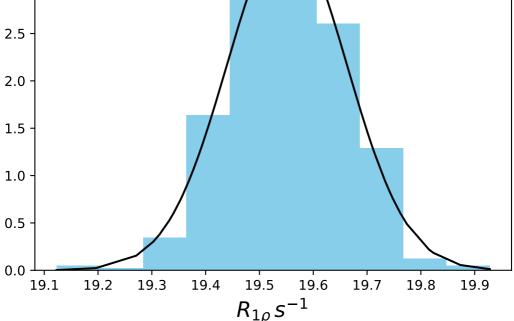
0.0

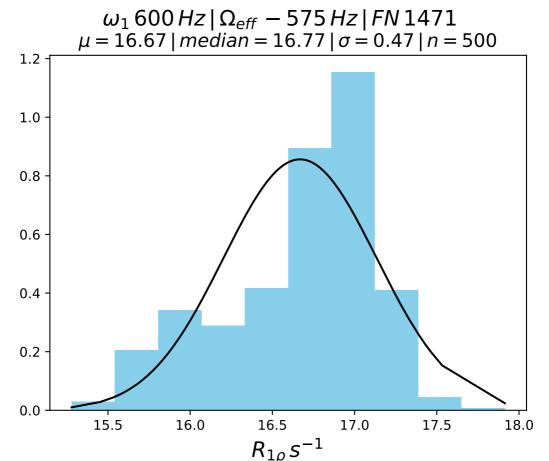
17.5

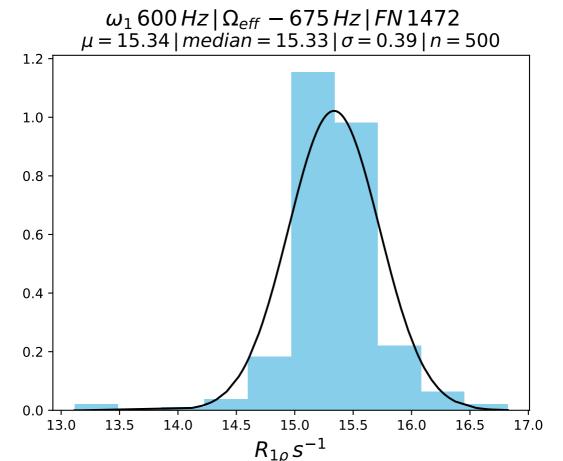
18.0

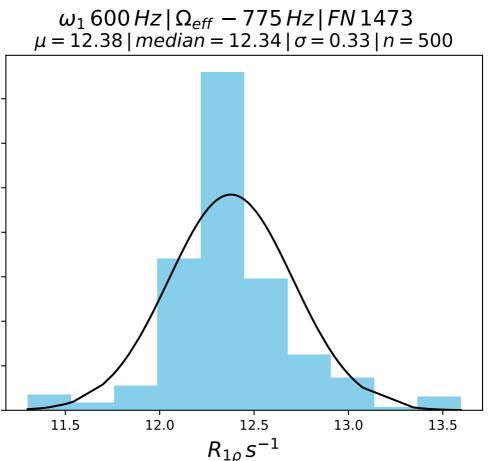
18.5











1.50

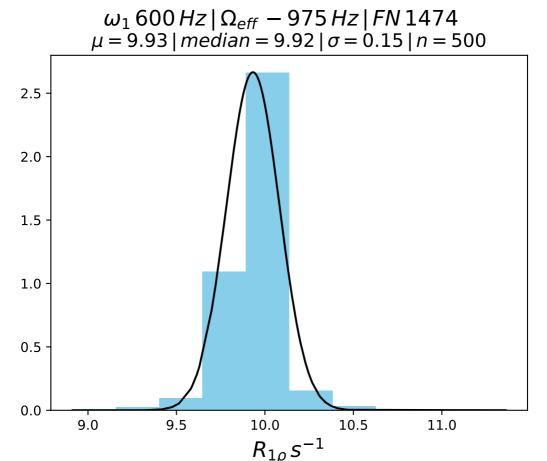
1.25

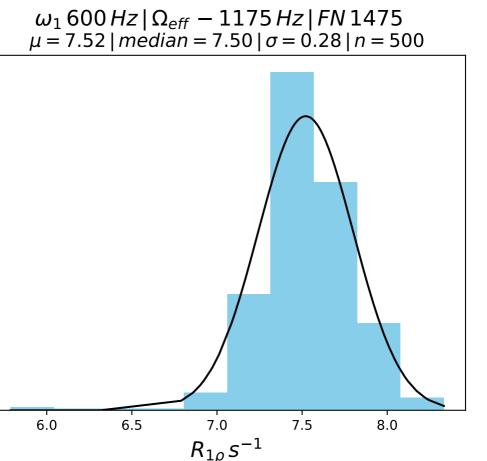
1.00

0.75

0.50

0.25





1.4

1.2

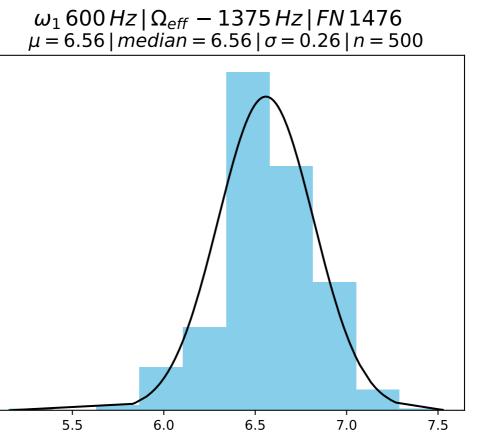
1.0

8.0

0.6

0.4

0.2



1.4

1.2

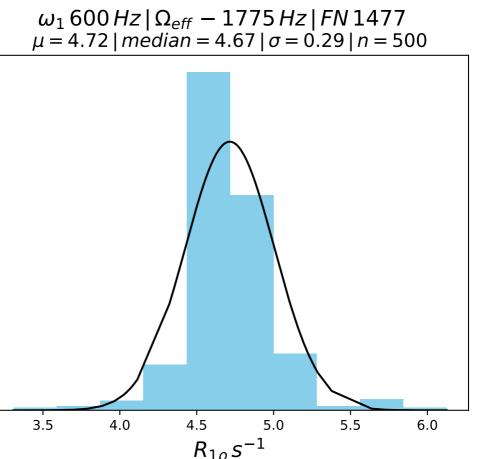
1.0

8.0

0.6

0.4

0.2



1.50

1.25

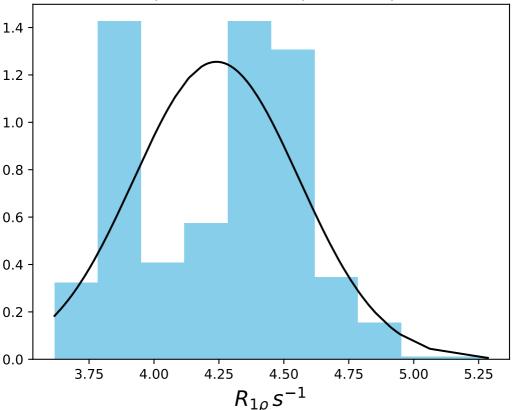
1.00

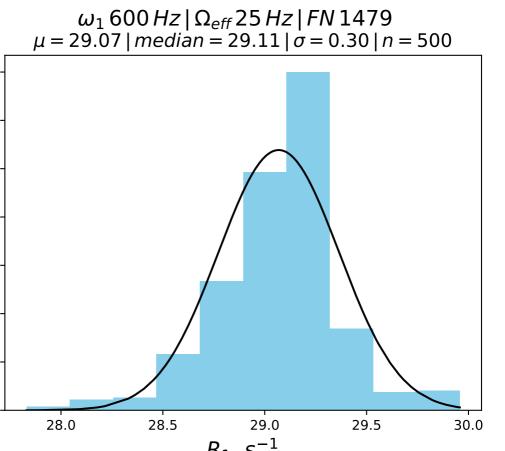
0.75

0.50

0.25

 $\omega_1 \, 600 \, Hz \, | \, \Omega_{eff} \, - \, 2175 \, Hz \, | \, FN \, 1478$ $\mu = 4.24 \, | \, median = 4.31 \, | \, \sigma = 0.32 \, | \, n = 500$





1.50

1.25

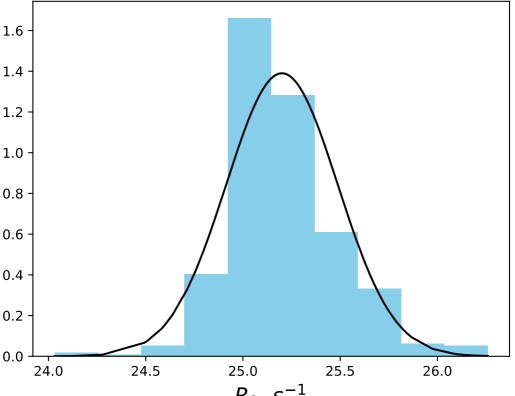
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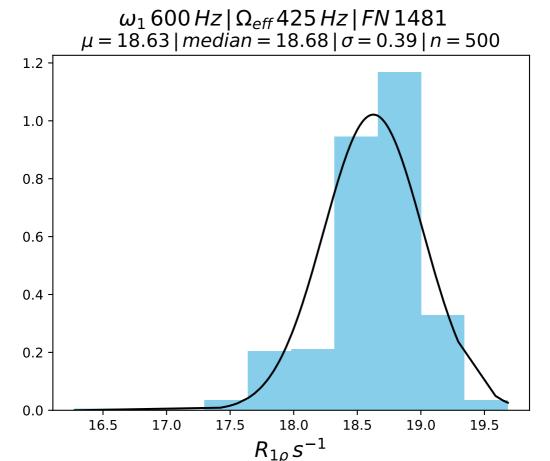
0.75

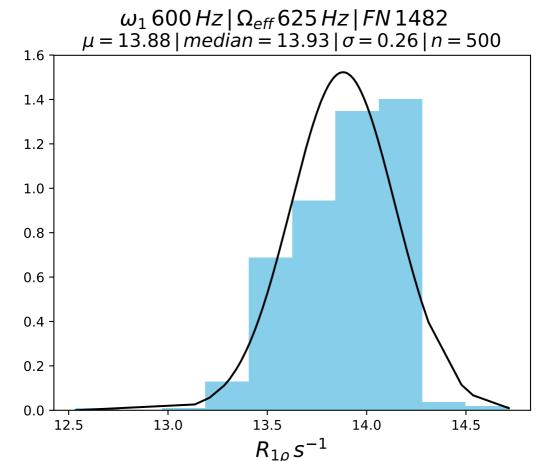
0.50

0.25

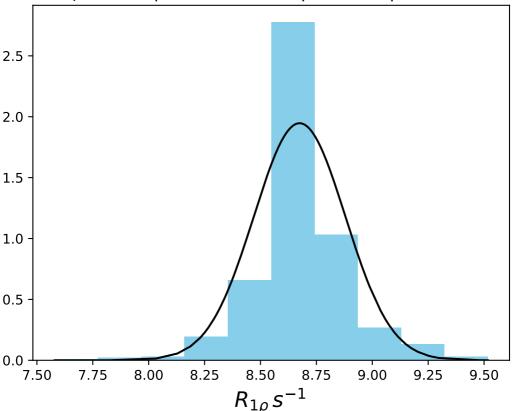
 $\omega_1 \, 600 \, Hz \, | \, \Omega_{eff} \, 225 \, Hz \, | \, FN \, 1480$ $\mu = 25.20 \, | \, median = 25.15 \, | \, \sigma = 0.29 \, | \, n = 500$

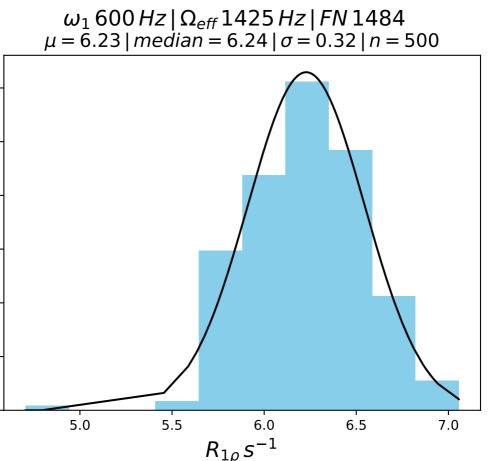






 $\omega_1 \, 600 \, Hz \, | \, \Omega_{eff} \, 1025 \, Hz \, | \, FN \, 1483$ $\mu = 8.67 \, | \, median = 8.67 \, | \, \sigma = 0.20 \, | \, n = 500$





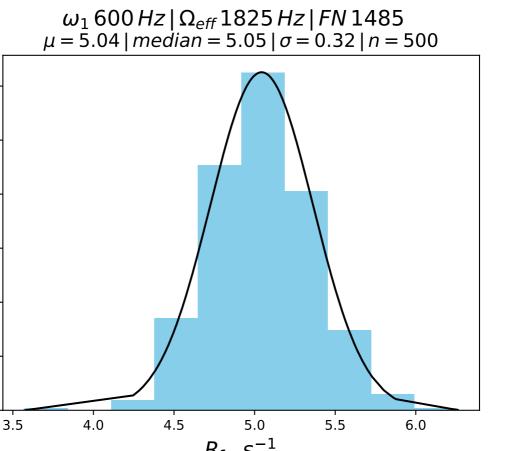
1.0

8.0

0.6

0.4

0.2



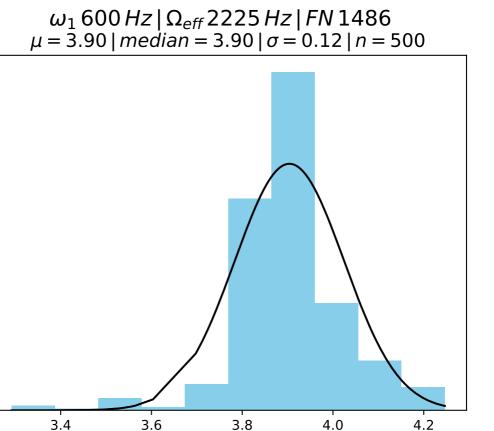
1.0

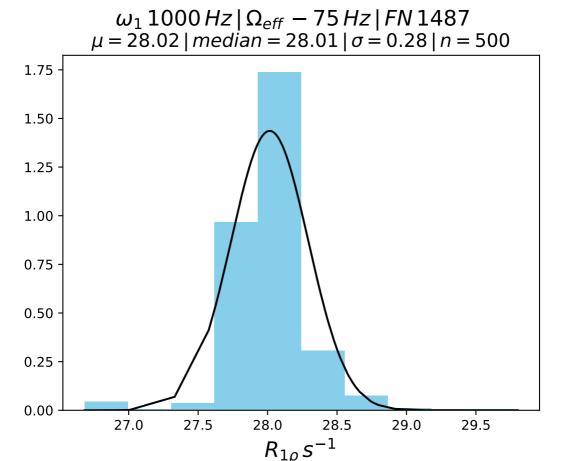
8.0

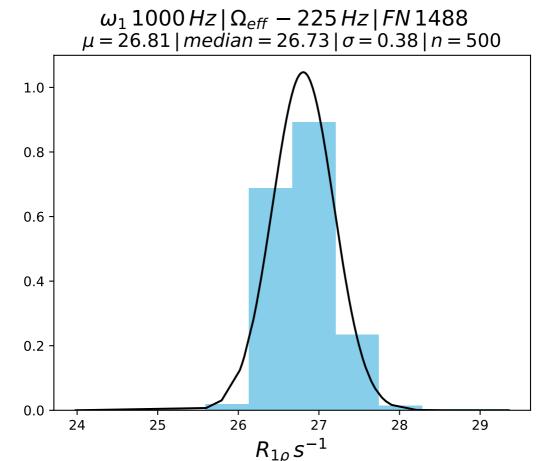
0.6

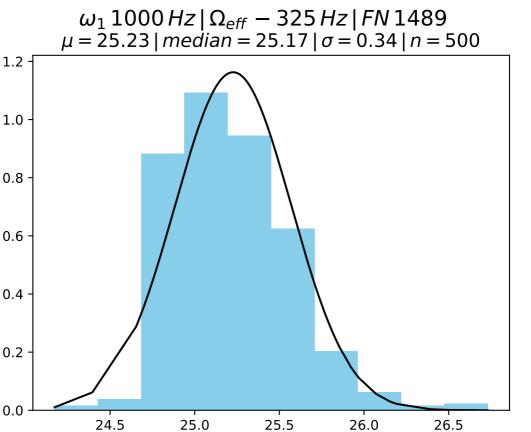
0.4

0.2

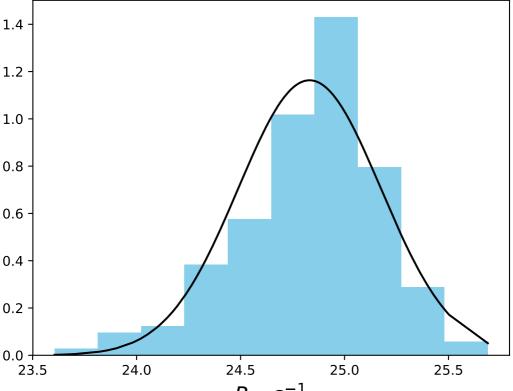


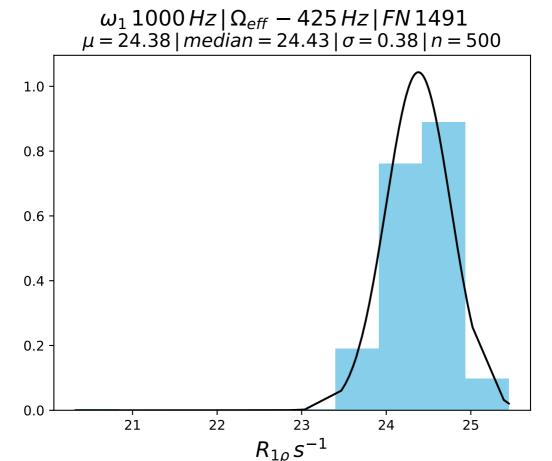


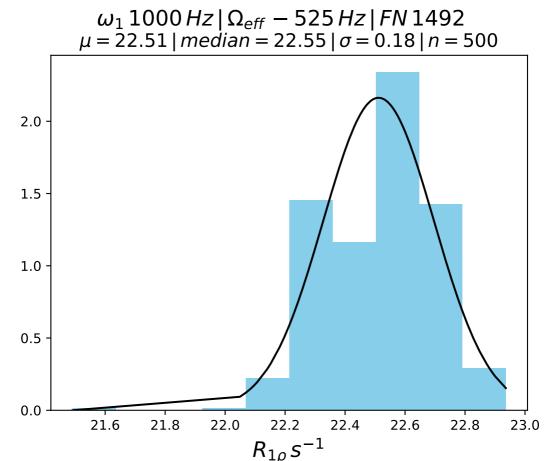




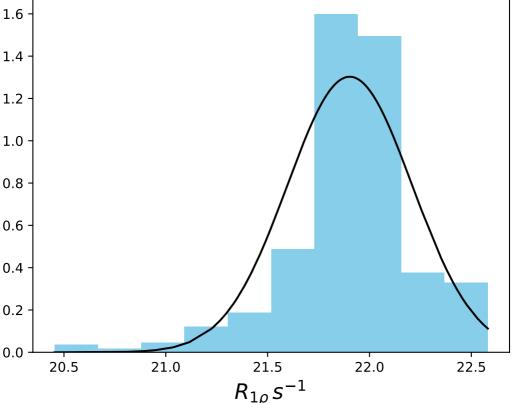
 $\omega_1 \, 1000 \, Hz \, | \, \Omega_{eff} \, - \, 375 \, Hz \, | \, FN \, 1490$ $\mu = 24.83 \, | \, median = 24.87 \, | \, \sigma = 0.34 \, | \, n = 500$

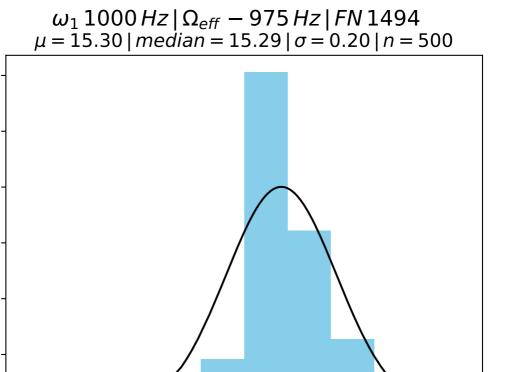






 $\omega_1 \, 1000 \, Hz \, | \, \Omega_{eff} \, - \, 675 \, Hz \, | \, FN \, 1493$ $\mu = 21.90 \, | \, median = 21.92 \, | \, \sigma = 0.31 \, | \, n = 500$





2.5

2.0

1.5

1.0

0.5

0.0

14.4

14.6

14.8

15.0

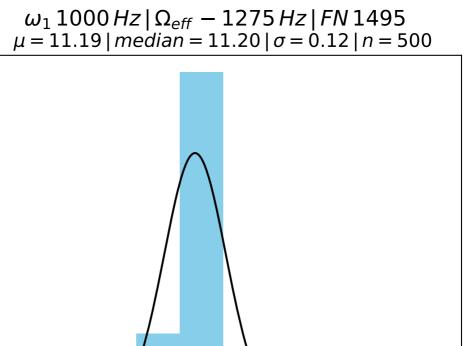


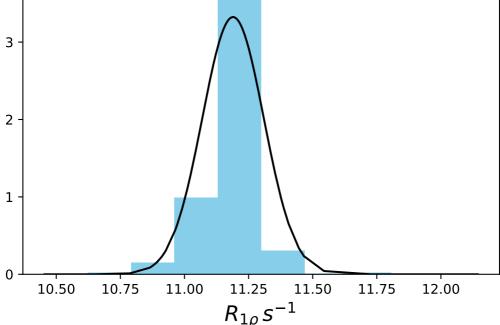
15.4

15.6

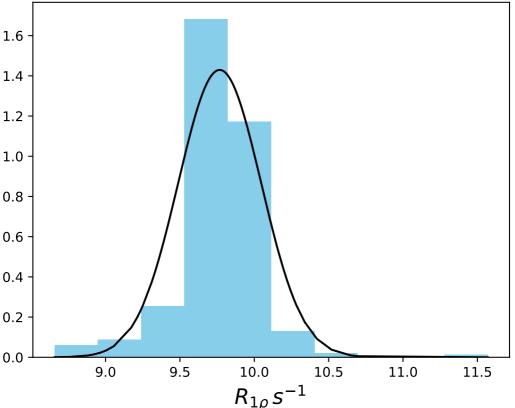
15.8

16.0

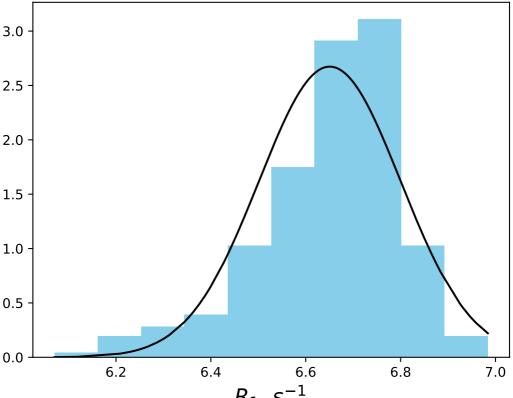




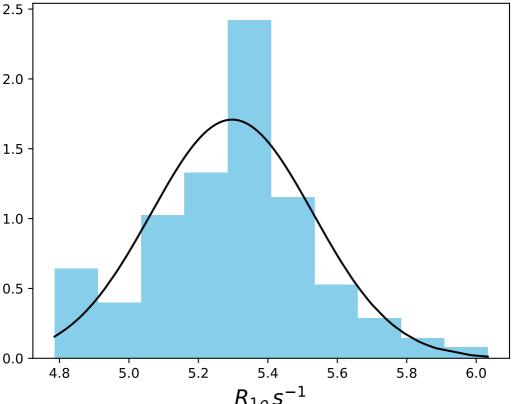
 $\omega_1 \, 1000 \, Hz \, | \, \Omega_{eff} \, - \, 1575 \, Hz \, | \, FN \, 1496$ $\mu = 9.77 \, | \, median = 9.78 \, | \, \sigma = 0.28 \, | \, n = 500$



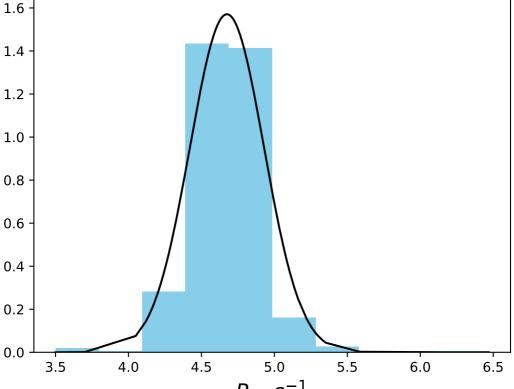
 $\omega_1 \, 1000 \, Hz \, | \, \Omega_{eff} \, - \, 2175 \, Hz \, | \, FN \, 1497$ $\mu = 6.65 \, | \, median = 6.68 \, | \, \sigma = 0.15 \, | \, n = 500$

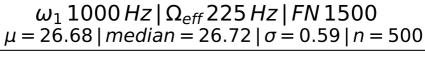


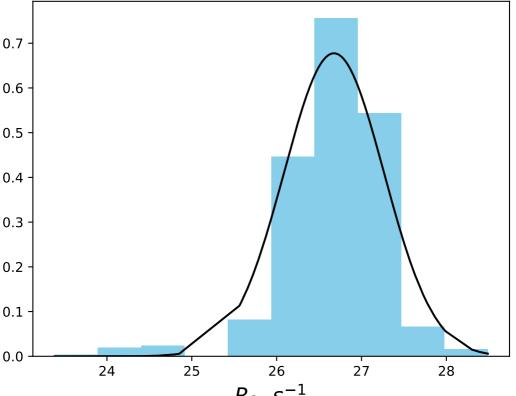
 $\omega_1 \, 1000 \, Hz \, | \, \Omega_{eff} \, - \, 2775 \, Hz \, | \, FN \, 1498$ $\mu = 5.30 \, | \, median = 5.31 \, | \, \sigma = 0.23 \, | \, n = 500$

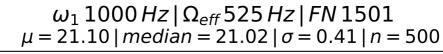


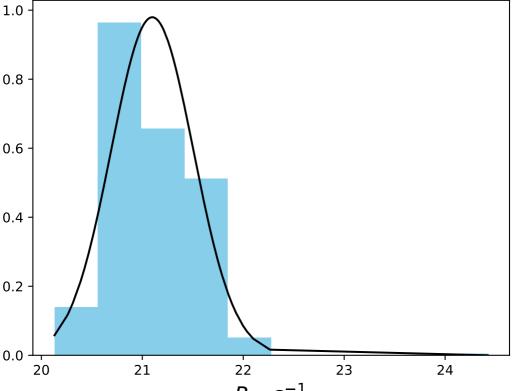
 $\omega_1 \, 1000 \, Hz \, | \, \Omega_{eff} \, - \, 3375 \, Hz \, | \, FN \, 1499$ $\mu = 4.67 \, | \, median = 4.68 \, | \, \sigma = 0.25 \, | \, n = 500$

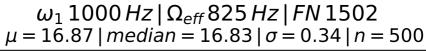


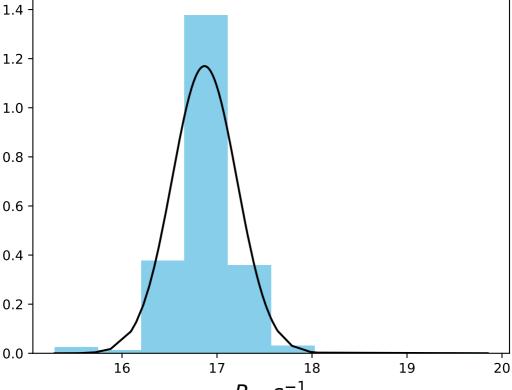


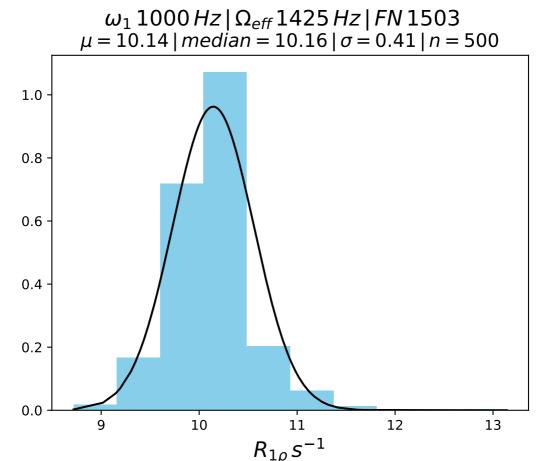


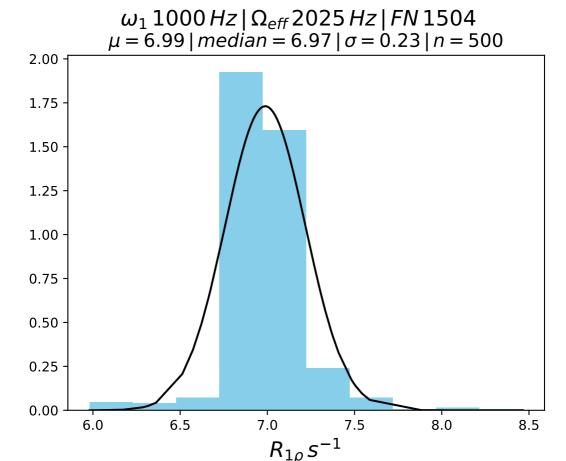


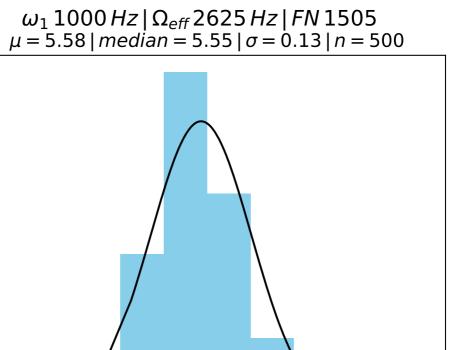


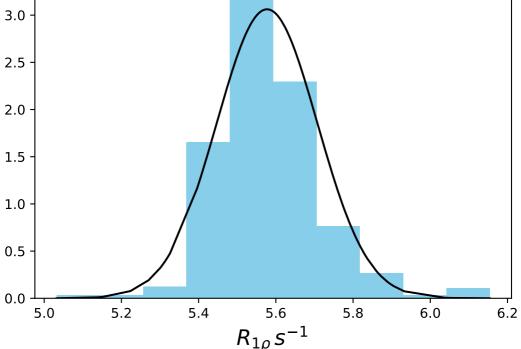


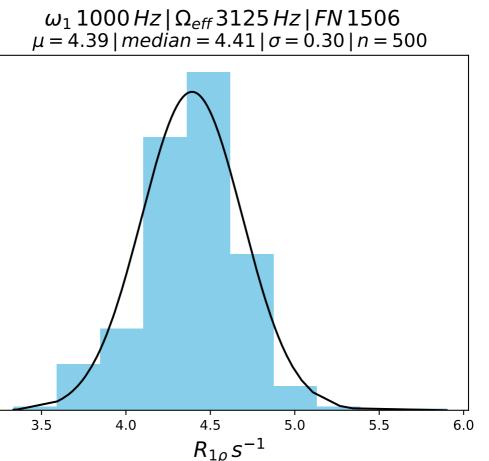












1.2

1.0

8.0

0.6

0.4

0.2