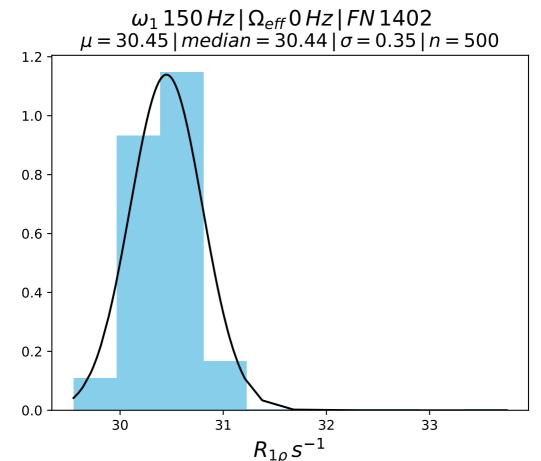


0.4

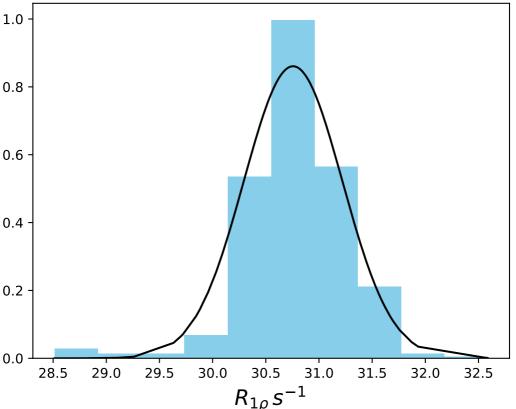
0.3

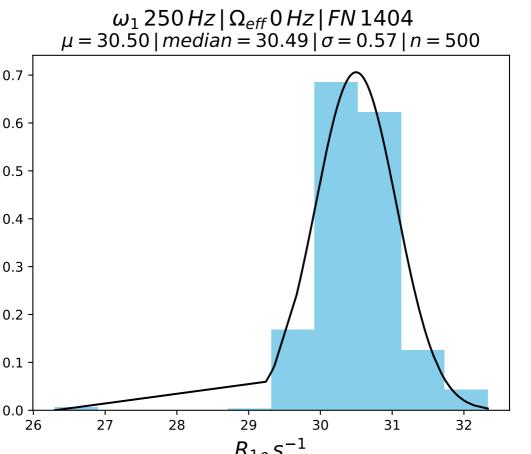
0.2

0.1



 $\omega_1 \, 200 \, Hz \, | \, \Omega_{eff} \, 0 \, Hz \, | \, FN \, 1403$  $\mu = 30.76 \, | \, median = 30.73 \, | \, \sigma = 0.46 \, | \, n = 500$ 





0.6

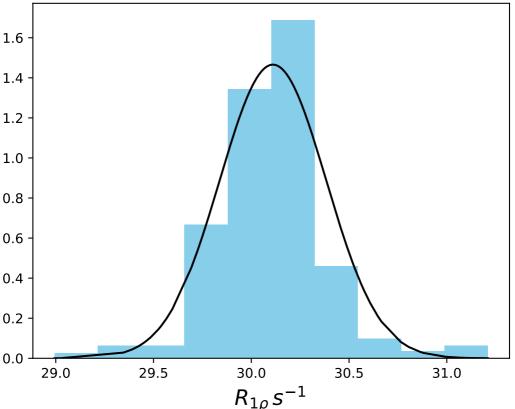
0.5

0.4

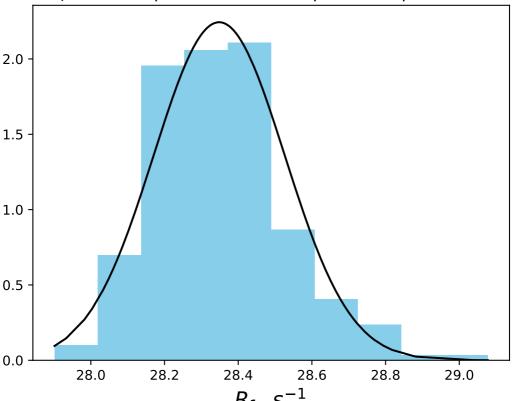
0.3

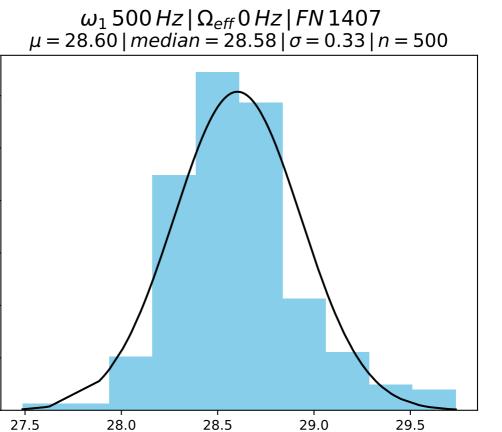
0.2

 $\omega_1 \, 300 \, Hz \, | \, \Omega_{eff} \, 0 \, Hz \, | \, FN \, 1405$  $\mu = 30.11 \, | \, median = 30.11 \, | \, \sigma = 0.27 \, | \, n = 500$ 



 $\omega_1 \, 400 \, Hz \, | \, \Omega_{\rm eff} \, 0 \, Hz \, | \, FN \, 1406$  $\mu = 28.35 \, | \, median = 28.32 \, | \, \sigma = 0.18 \, | \, n = 500$ 





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

1.2

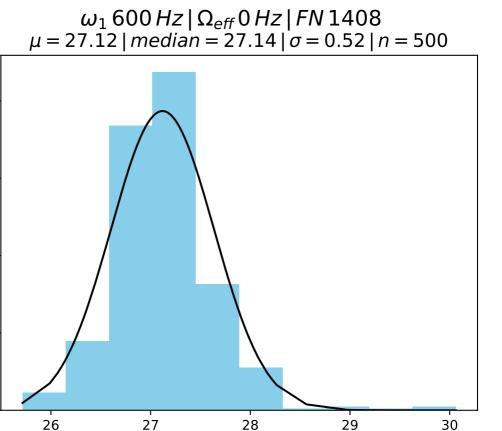
1.0

8.0

0.6

0.4

0.2



0.6

0.4

0.2

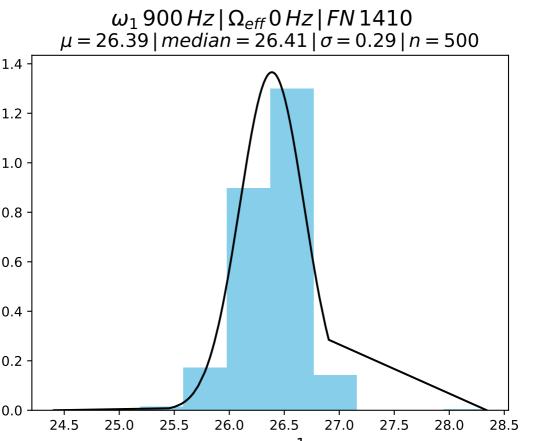
 $\omega_1$  700 Hz |  $\Omega_{eff}$  0 Hz | FN 1409  $\mu = 27.56 \mid median = 27.64 \mid \sigma = 0.52 \mid n = 500$ 25 26 28 29

8.0

0.6

0.4

0.2



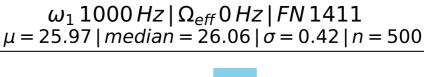
1.0

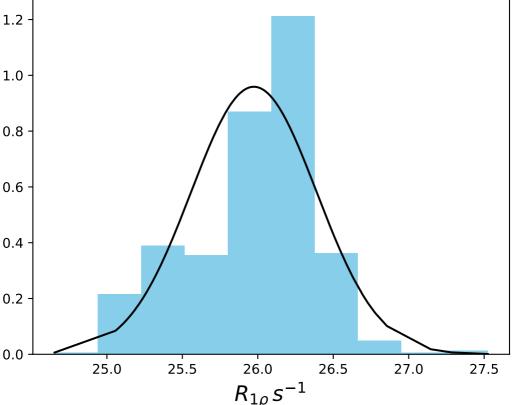
8.0

0.6

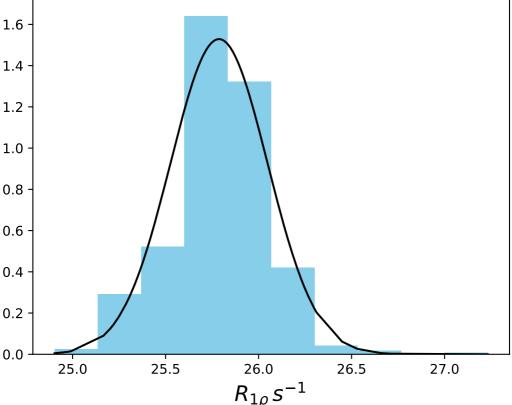
0.4

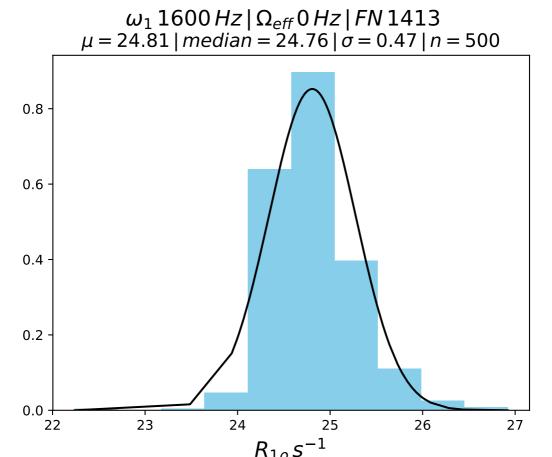
0.2

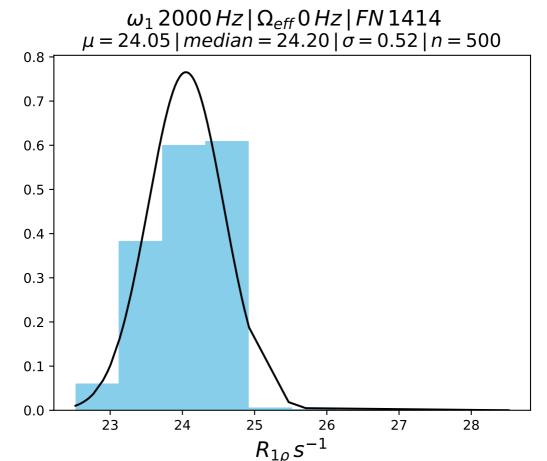




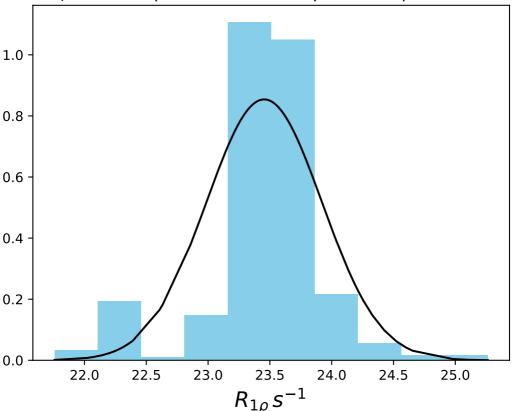
 $\omega_1 \, 1200 \, Hz \, | \, \Omega_{eff} \, 0 \, Hz \, | \, FN \, 1412$  $\mu = 25.79 \, | \, median = 25.79 \, | \, \sigma = 0.26 \, | \, n = 500$ 

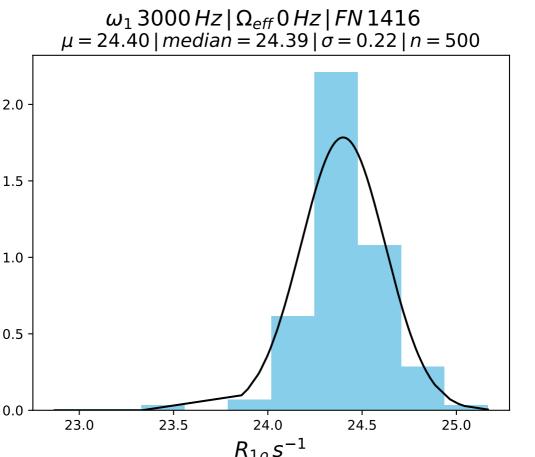


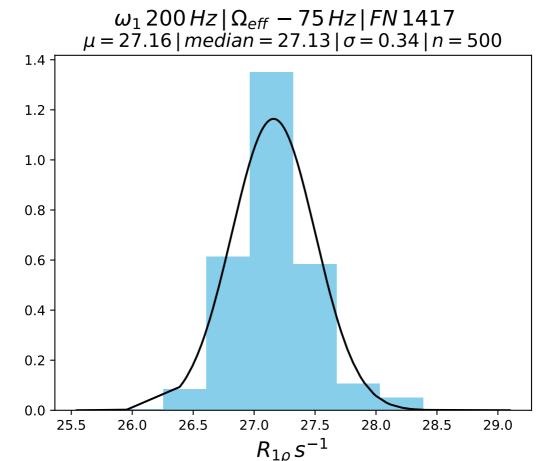


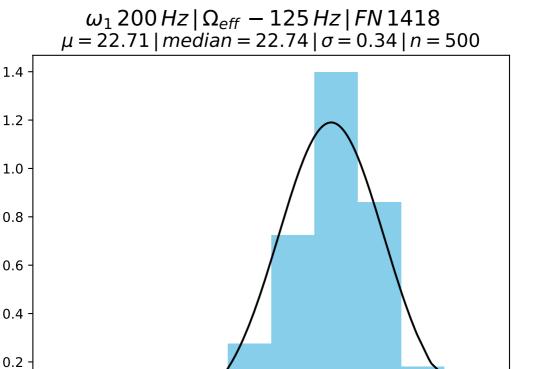


 $\omega_1 \, 2500 \, Hz \, | \, \Omega_{eff} \, 0 \, Hz \, | \, FN \, 1415$  $\mu = 23.45 \, | \, median = 23.50 \, | \, \sigma = 0.47 \, | \, n = 500$ 









0.2

0.0

21.0

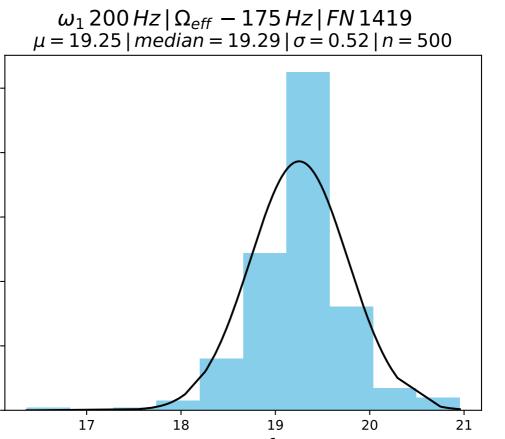
21.5



22.5

22.0

23.0

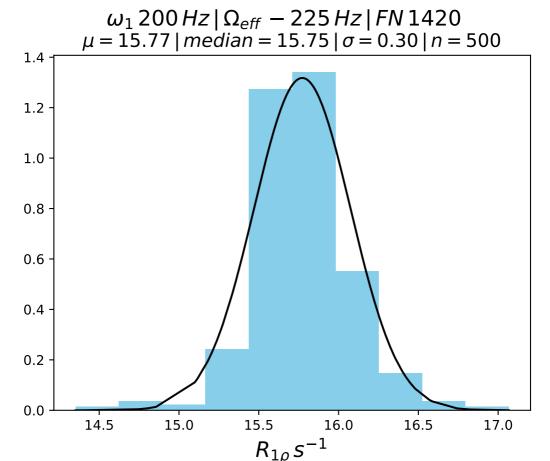


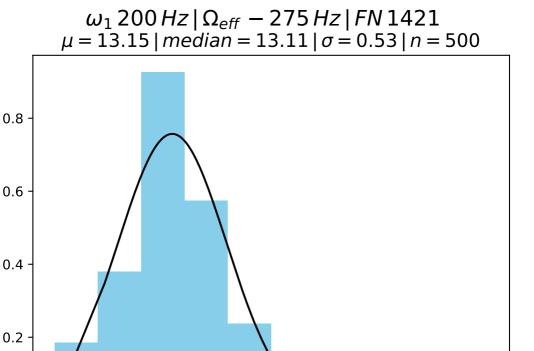
8.0

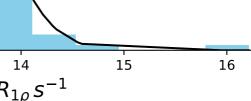
0.6

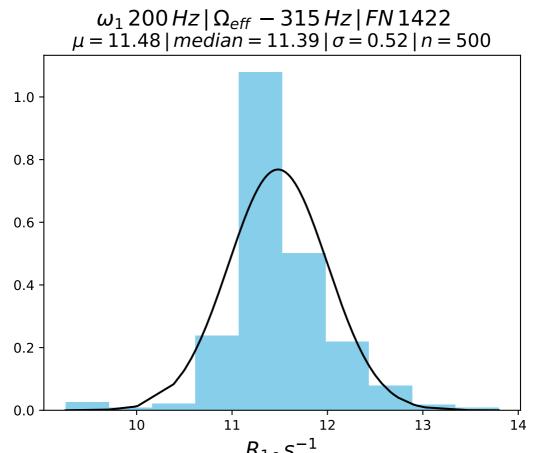
0.4

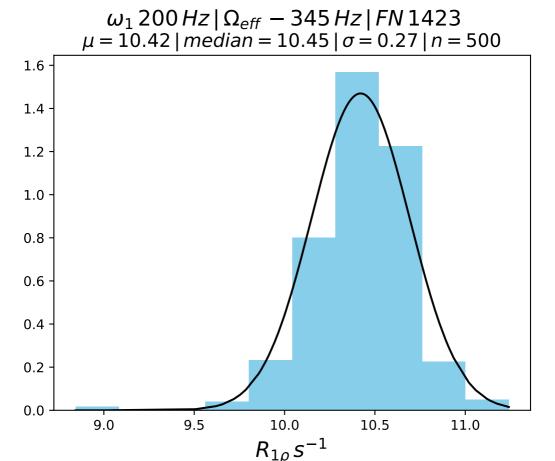
0.2

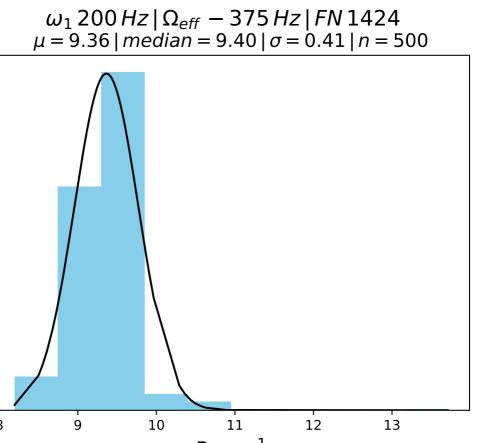












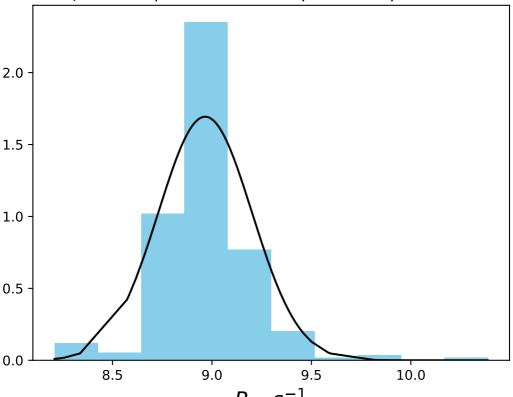
8.0

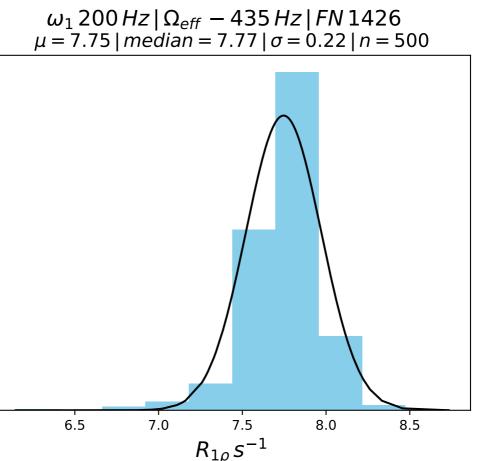
0.6

0.4

0.2

 $\omega_1$  200 Hz |  $\Omega_{eff}$  - 405 Hz | FN 1425  $\mu$  = 8.97 | median = 8.95 |  $\sigma$  = 0.24 | n = 500





1.75

1.50

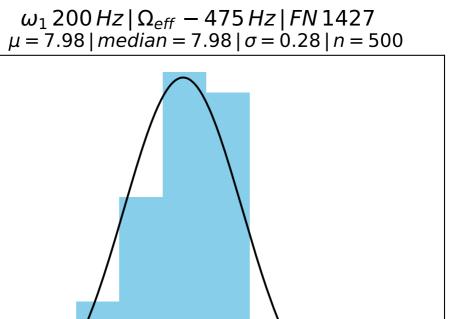
1.25

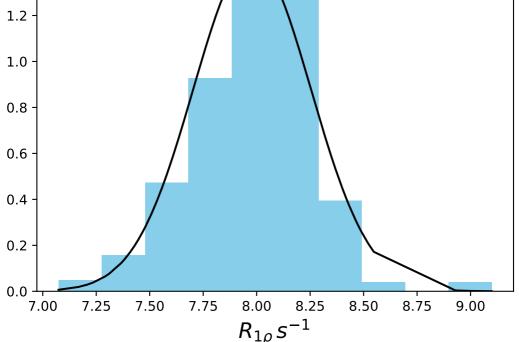
1.00

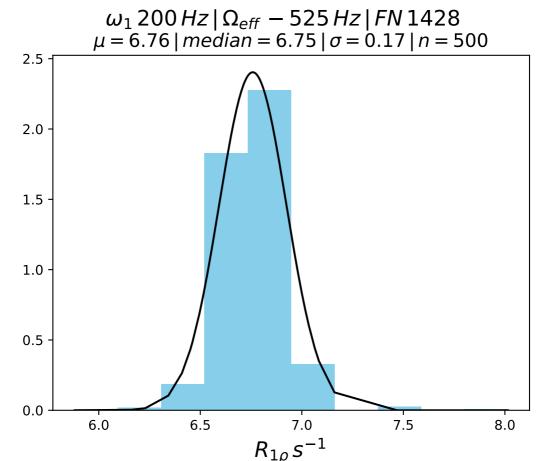
0.75

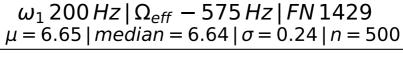
0.50

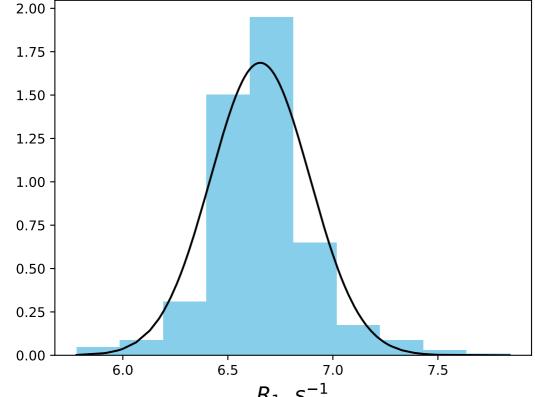
0.25



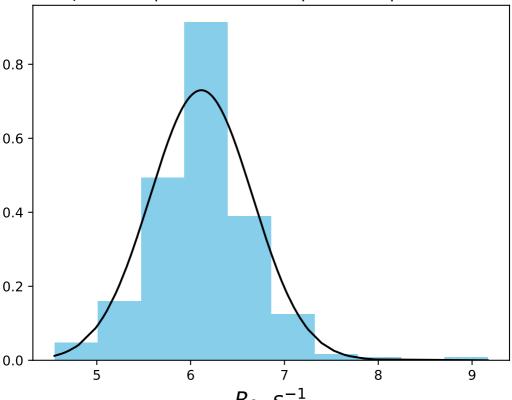




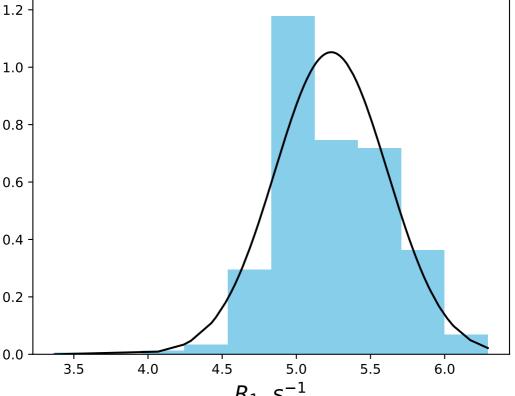


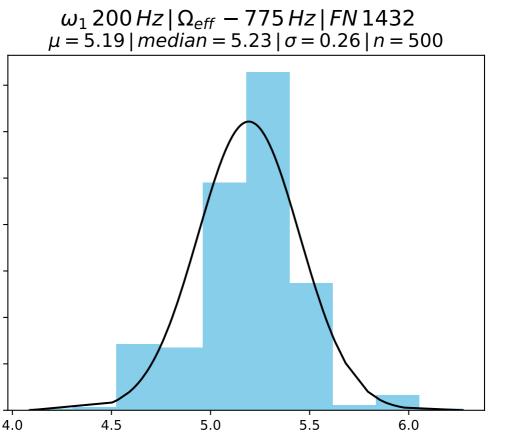


 $\omega_1 \, 200 \, Hz \, | \, \Omega_{eff} \, - \, 625 \, Hz \, | \, FN \, 1430$  $\mu = 6.11 \, | \, median = 6.08 \, | \, \sigma = 0.55 \, | \, n = 500$ 



 $\omega_1 200 \, Hz \, | \, \Omega_{eff} - 675 \, Hz \, | \, FN \, 1431$  $\mu = 5.23 \, | \, median = 5.16 \, | \, \sigma = 0.38 \, | \, n = 500$ 





1.50

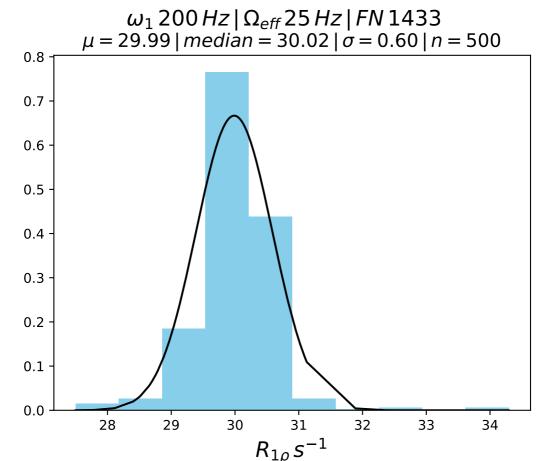
1.25

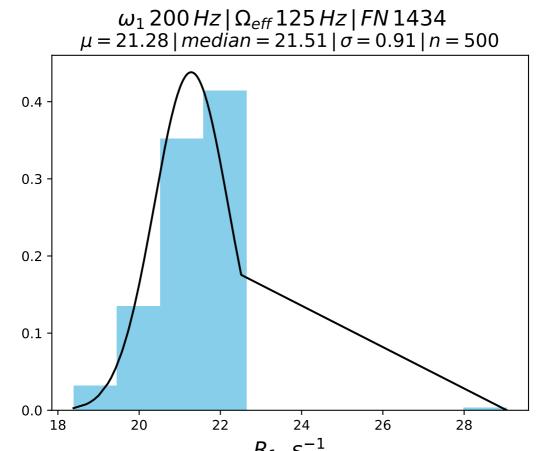
1.00

0.75

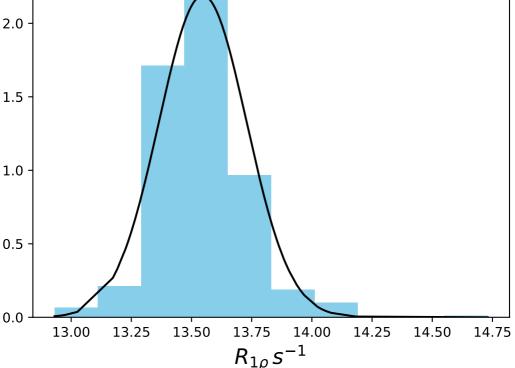
0.50

0.25

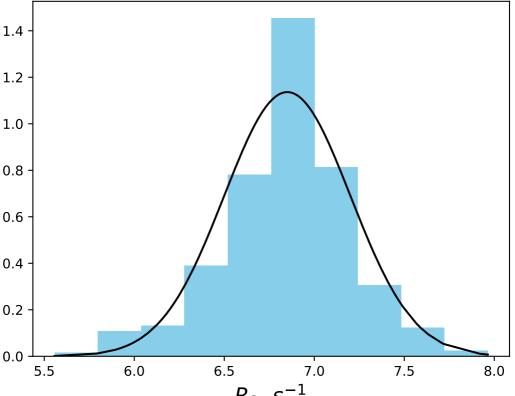




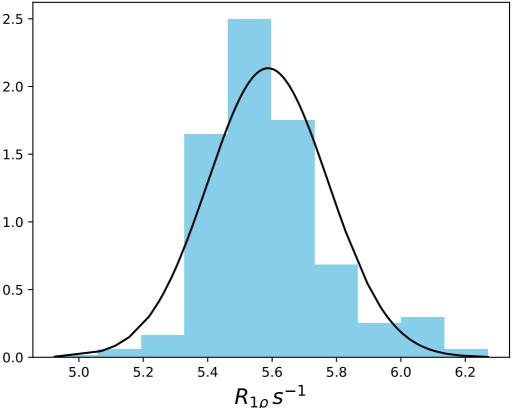
 $\omega_1 \, 200 \, Hz \, | \, \Omega_{eff} \, 225 \, Hz \, | \, FN \, 1435$  $\mu = 13.55 \mid median = 13.53 \mid \sigma = 0.18 \mid n = 500$ 

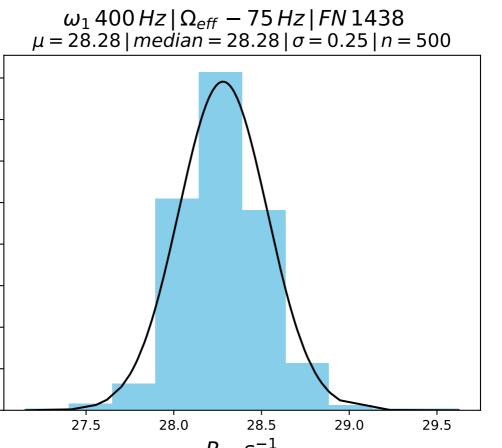


 $\omega_1$  200 Hz |  $\Omega_{eff}$  425 Hz | FN 1436  $\mu$  = 6.85 | median = 6.86 |  $\sigma$  = 0.35 | n = 500



 $\omega_1 \, 200 \, Hz \, | \, \Omega_{eff} \, 625 \, Hz \, | \, FN \, 1437$  $\mu = 5.59 \, | \, median = 5.57 \, | \, \sigma = 0.19 \, | \, n = 500$ 





1.4

1.2

1.0

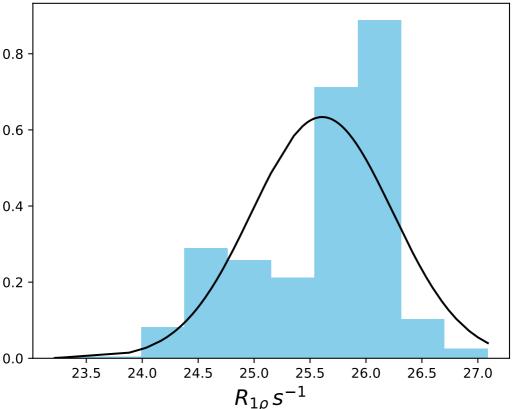
8.0

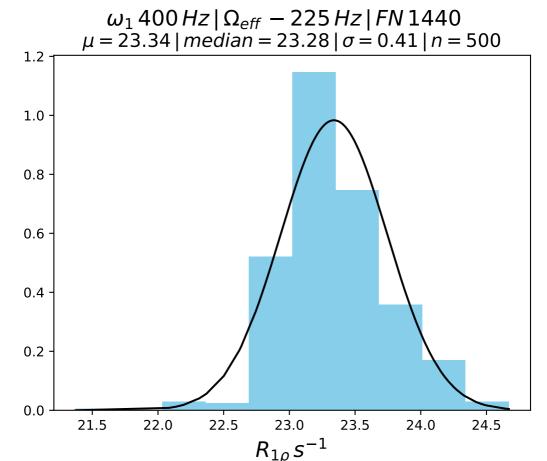
0.6

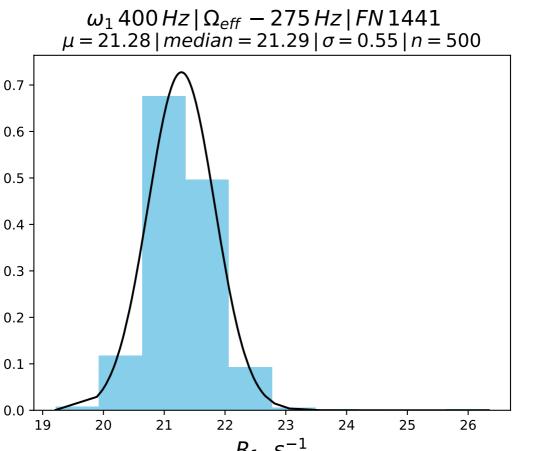
0.4

0.2

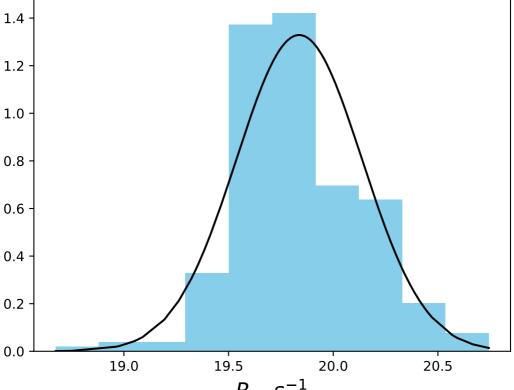
 $\omega_1 \, 400 \, Hz \, | \, \Omega_{eff} \, - \, 175 \, Hz \, | \, FN \, 1439$  $\mu = 25.61 \, | \, median = 25.77 \, | \, \sigma = 0.63 \, | \, n = 500$ 

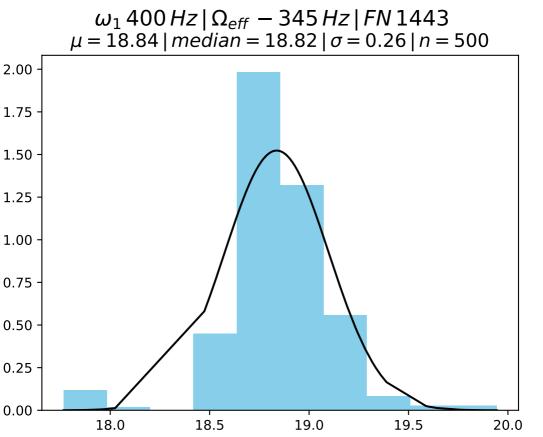






 $\omega_1 \, 400 \, Hz \, | \, \Omega_{eff} \, - \, 315 \, Hz \, | \, FN \, 1442$  $\mu = 19.84 \, | \, median = 19.81 \, | \, \sigma = 0.30 \, | \, n = 500$ 



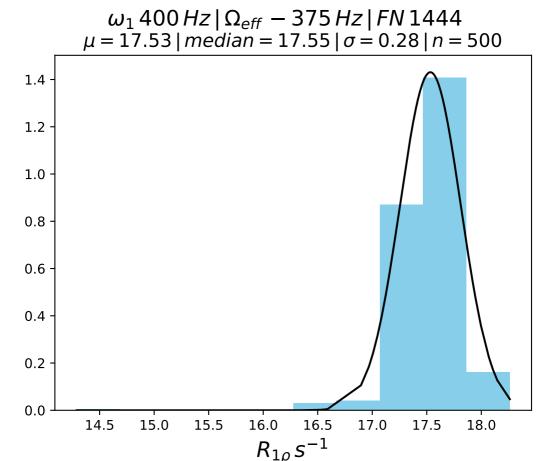


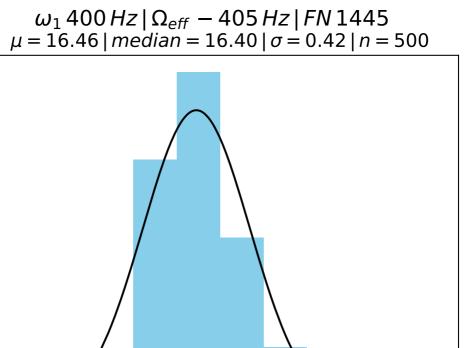
1.25

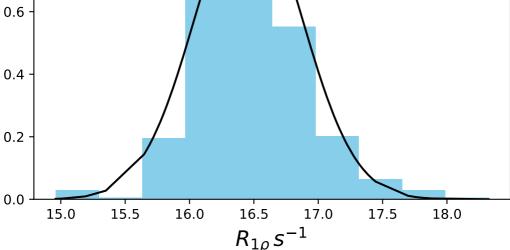
1.00

0.50

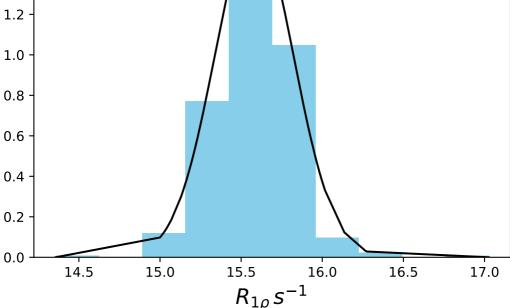
0.25

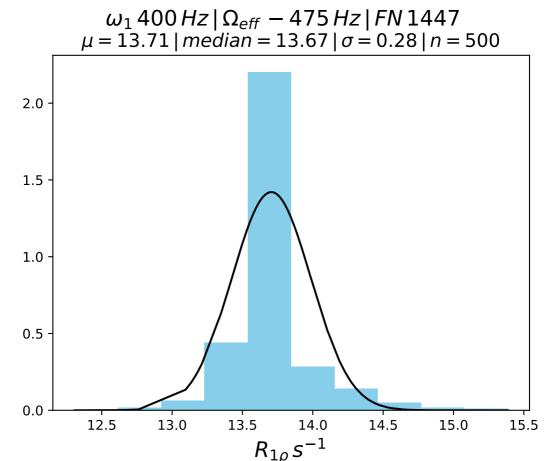


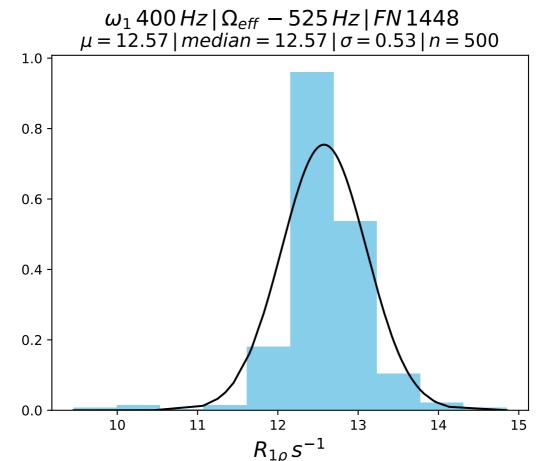


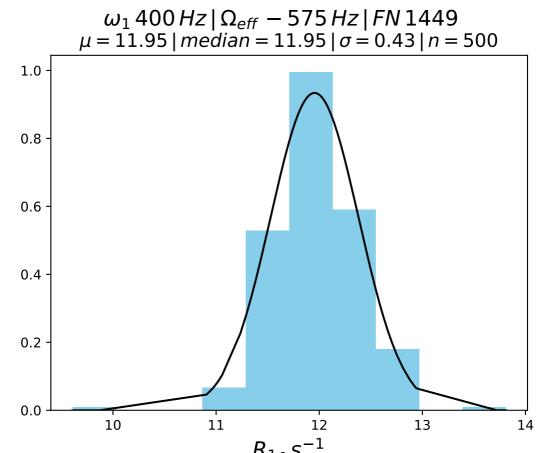


 $\omega_1 400 \, Hz \, | \, \Omega_{eff} - 435 \, Hz \, | \, FN \, 1446$  $\mu = 15.58 \, | \, median = 15.57 \, | \, \sigma = 0.24 \, | \, n = 500$ 

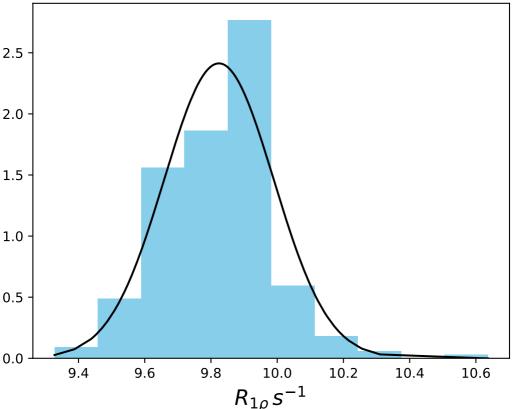




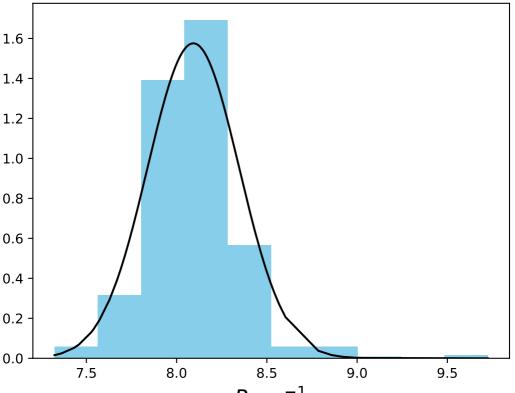


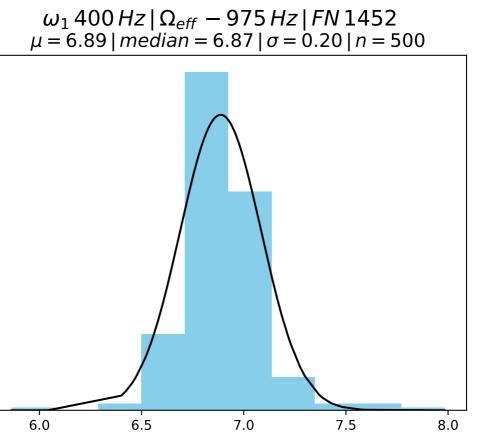


 $\omega_1 \, 400 \, Hz \, | \, \Omega_{eff} \, - \, 675 \, Hz \, | \, FN \, 1450$  $\mu = 9.82 \, | \, median = 9.84 \, | \, \sigma = 0.17 \, | \, n = 500$ 



 $\omega_1 \, 400 \, Hz \, | \, \Omega_{eff} \, - \, 825 \, Hz \, | \, FN \, 1451$  $\mu = 8.09 \, | \, median = 8.08 \, | \, \sigma = 0.25 \, | \, n = 500$ 

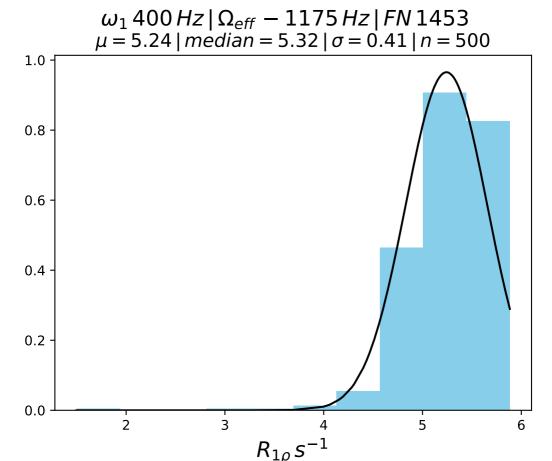


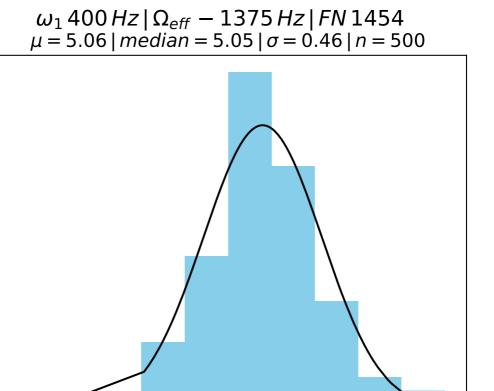


1.5

1.0

0.5





5.5

6.0

6.5

1.0

8.0

0.6

0.4

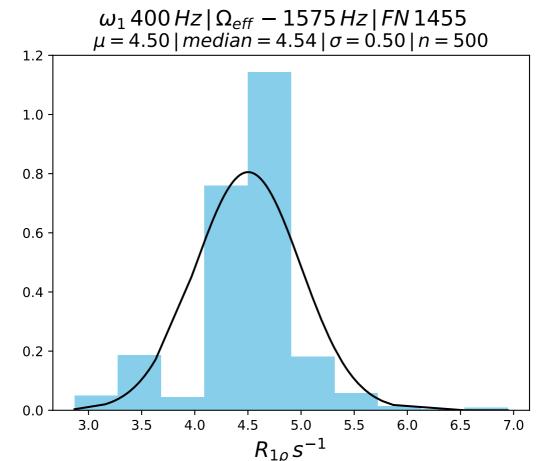
0.2

0.0

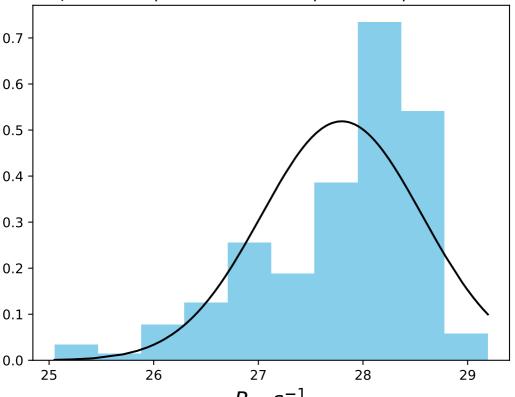
3.0

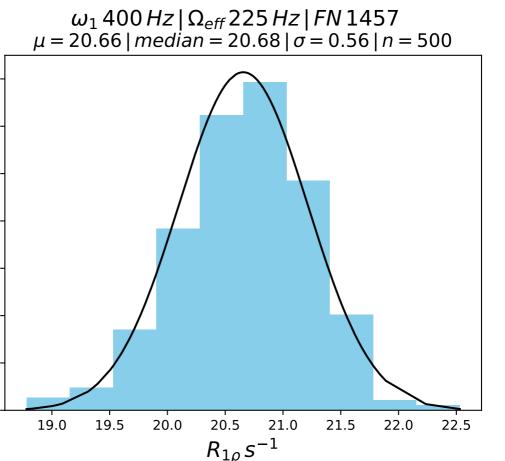
3.5

4.0



 $\omega_1 \, 400 \, Hz \, | \, \Omega_{eff} \, 75 \, Hz \, | \, FN \, 1456$  $\mu = 27.80 \, | \, median = 28.02 \, | \, \sigma = 0.77 \, | \, n = 500$ 





0.6

0.5

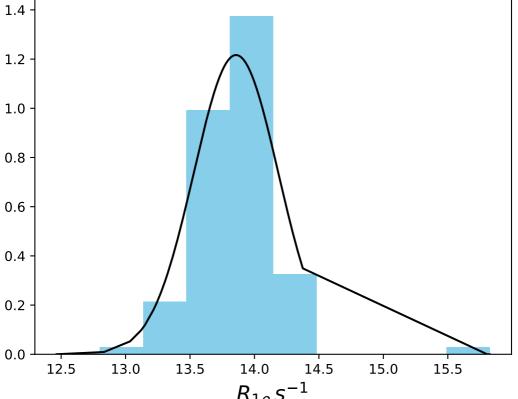
0.4

0.3

0.2

0.1

 $\omega_1 \, 400 \, Hz \, | \, \Omega_{eff} \, 425 \, Hz \, | \, FN \, 1458$  $\mu = 13.86 \, | \, median = 13.87 \, | \, \sigma = 0.33 \, | \, n = 500$ 



 $\omega_1 \, 400 \, Hz \, | \, \Omega_{eff} \, 625 \, Hz \, | \, FN \, 1459$  $\mu = 9.15 \mid median = 9.18 \mid \sigma = 0.28 \mid n = 500$ 

10.0

10.5

11.0

9.0

1.6

1.4

1.2

1.0

8.0

0.6

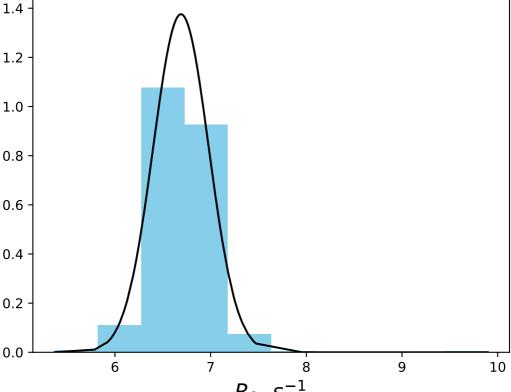
0.4

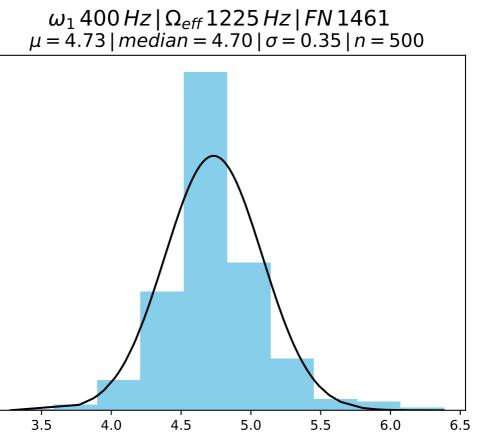
0.2

0.0

8.0

 $\omega_1 \, 400 \, Hz \, | \, \Omega_{eff} \, 825 \, Hz \, | \, FN \, 1460$  $\mu = 6.69 \, | \, median = 6.71 \, | \, \sigma = 0.29 \, | \, n = 500$ 





1.2

1.0

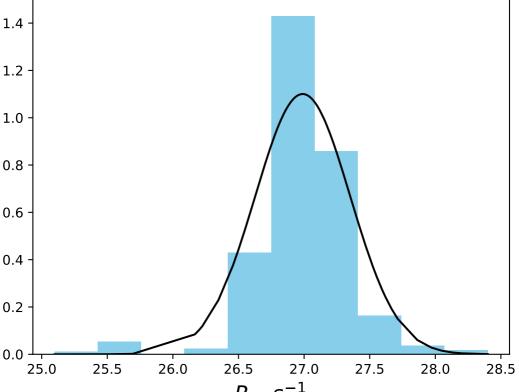
8.0

0.6

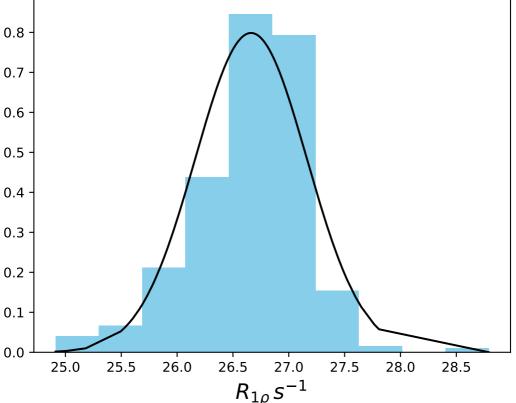
0.4

0.2

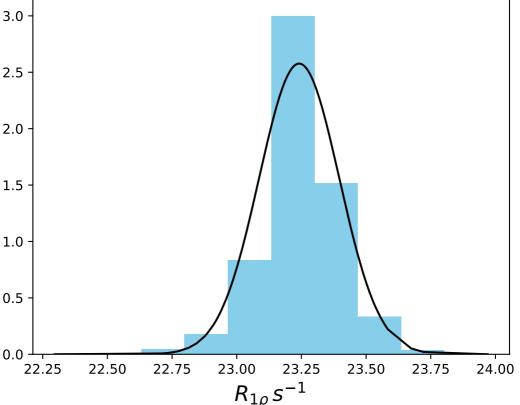
 $\omega_1 600 \, Hz \, | \, \Omega_{eff} - 75 \, Hz \, | \, FN \, 1462$  $\mu = 26.99 \, | \, median = 26.98 \, | \, \sigma = 0.36 \, | \, n = 500$ 

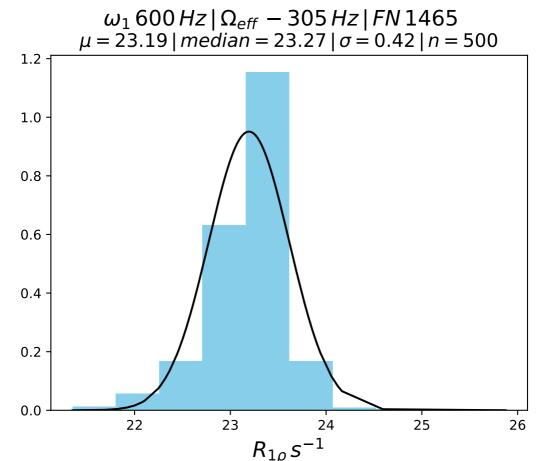


 $\omega_1 600 \, Hz \, | \, \Omega_{eff} - 175 \, Hz \, | \, FN \, 1463$  $\mu = 26.66 \, | \, median = 26.74 \, | \, \sigma = 0.50 \, | \, n = 500$ 

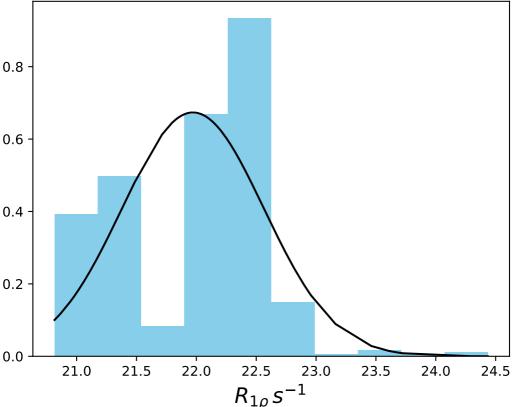


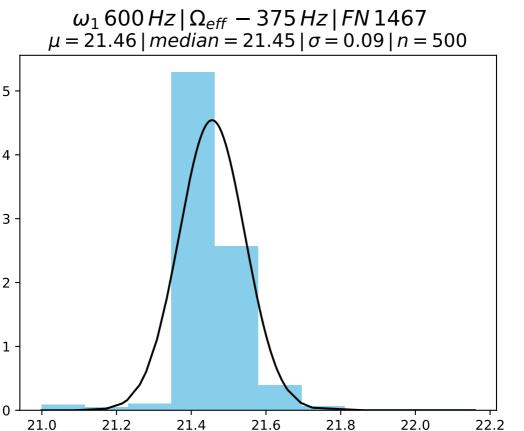
 $\omega_1 \, 600 \, Hz \, | \, \Omega_{eff} \, - \, 275 \, Hz \, | \, FN \, 1464$  $\mu = 23.24 \, | \, median = 23.23 \, | \, \sigma = 0.15 \, | \, n = 500$ 

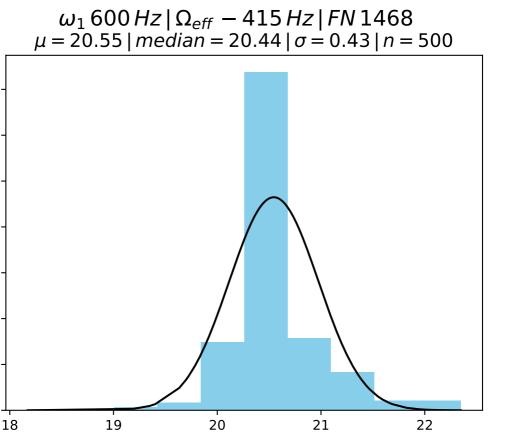




 $\omega_1 \, 600 \, Hz \, | \, \Omega_{eff} \, - \, 335 \, Hz \, | \, FN \, 1466$  $\mu = 21.97 \, | \, median = 22.11 \, | \, \sigma = 0.59 \, | \, n = 500$ 







1.2

1.0

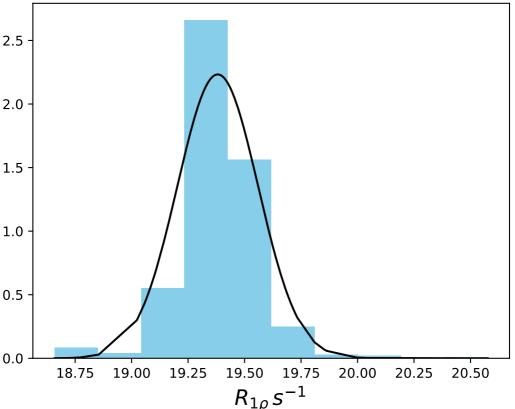
8.0

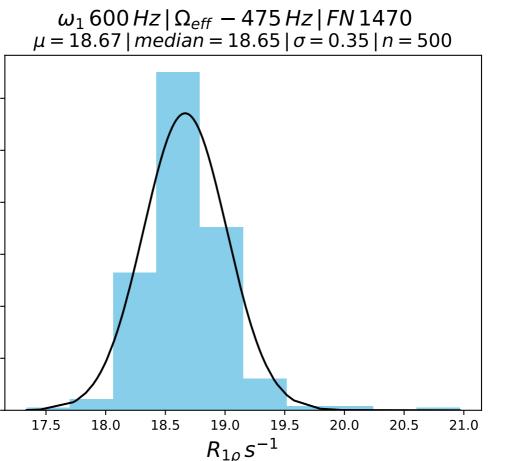
0.6

0.4

0.2

 $\omega_1 \, 600 \, Hz \, | \, \Omega_{eff} \, - \, 445 \, Hz \, | \, FN \, 1469$  $\mu = 19.38 \, | \, median = 19.37 \, | \, \sigma = 0.18 \, | \, n = 500$ 





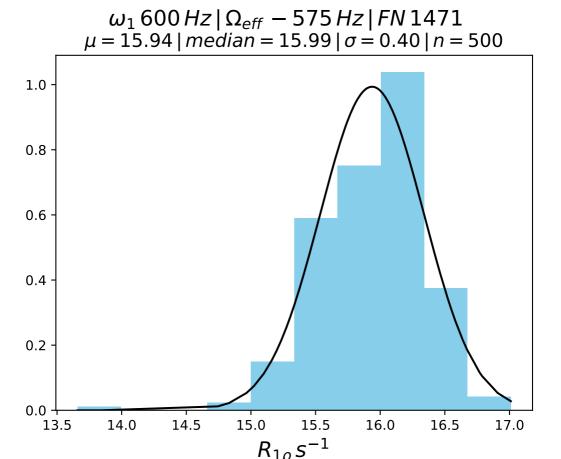
1.0

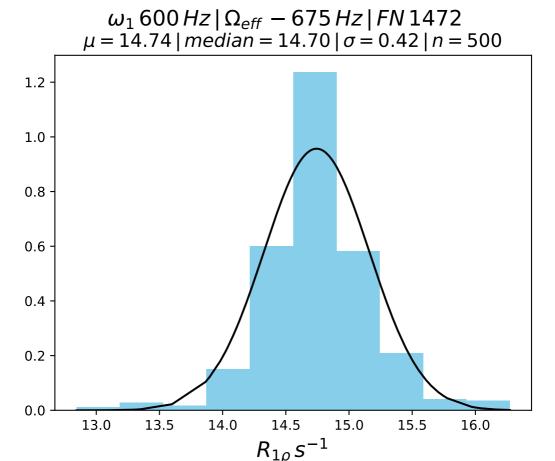
8.0

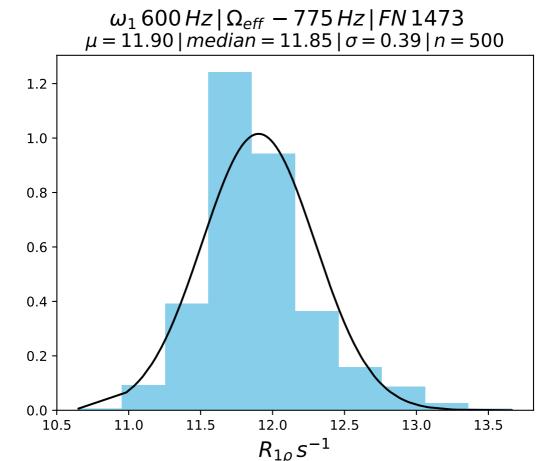
0.6

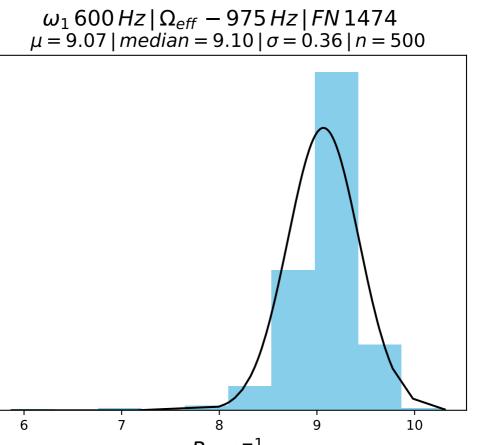
0.4

0.2









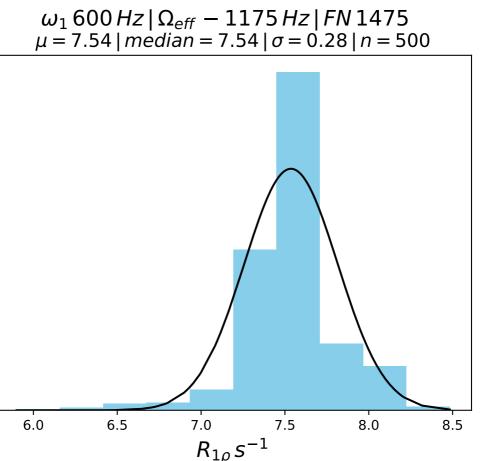
1.0

8.0

0.6

0.4

0.2



1.75

1.50

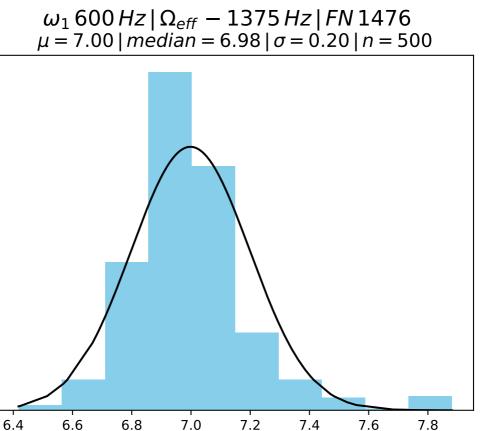
1.25

1.00

0.75

0.50

0.25

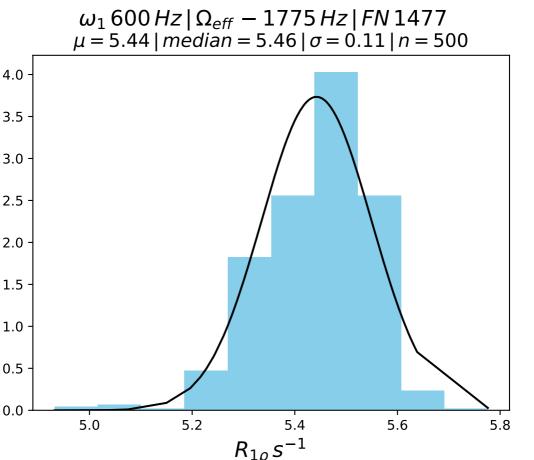


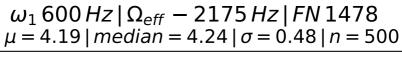
2.0

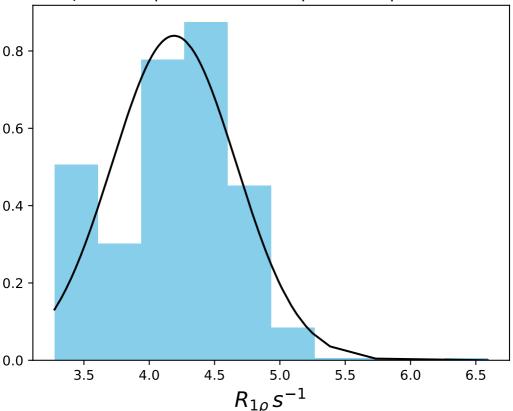
1.5

1.0

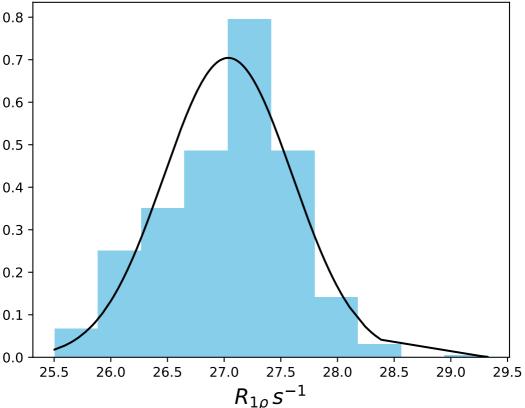
0.5

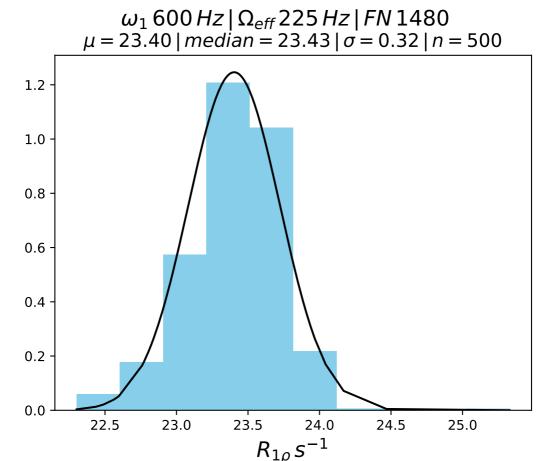




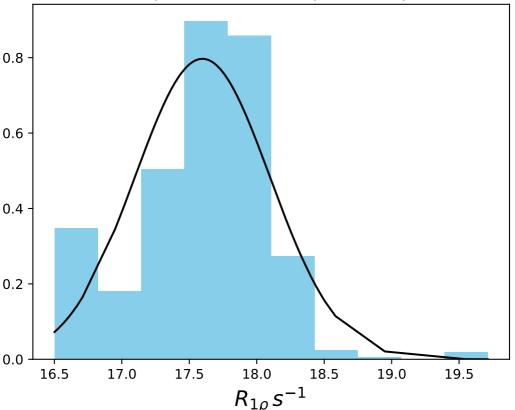


 $\omega_1 \, 600 \, Hz \, | \, \Omega_{eff} \, 25 \, Hz \, | \, FN \, 1479$  $\mu = 27.04 \, | \, median = 27.11 \, | \, \sigma = 0.57 \, | \, n = 500$ 

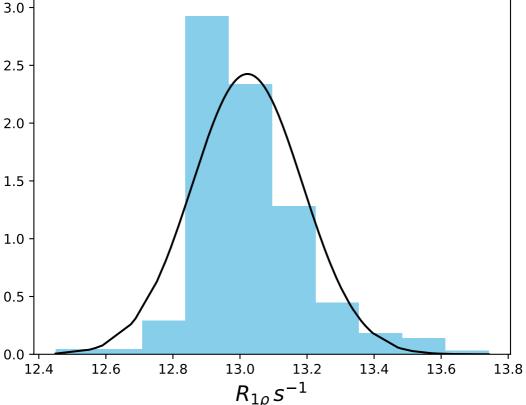


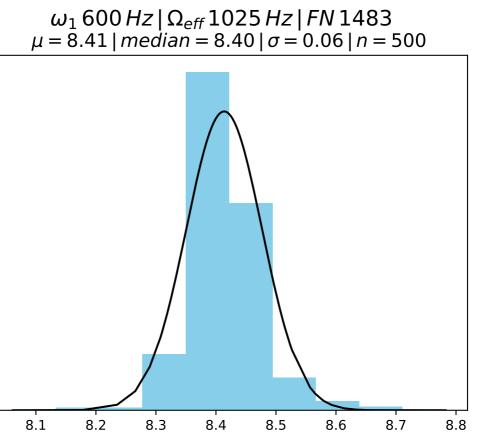


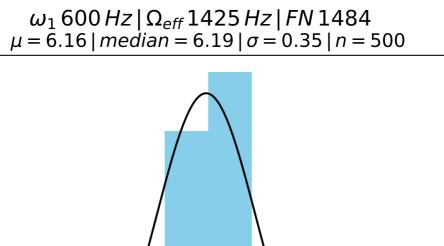
 $\omega_1 \, 600 \, Hz \, | \, \Omega_{eff} \, 425 \, Hz \, | \, FN \, 1481$  $\mu = 17.60 \, | \, median = 17.67 \, | \, \sigma = 0.50 \, | \, n = 500$ 

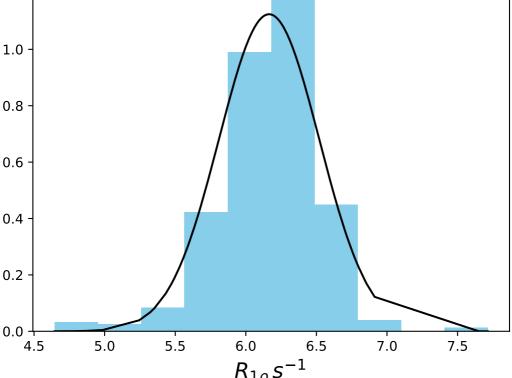


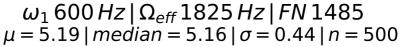
 $\omega_1 600 \, Hz \, | \, \Omega_{eff} \, 625 \, Hz \, | \, FN \, 1482$  $\mu = 13.02 \, | \, median = 12.99 \, | \, \sigma = 0.16 \, | \, n = 500$ 

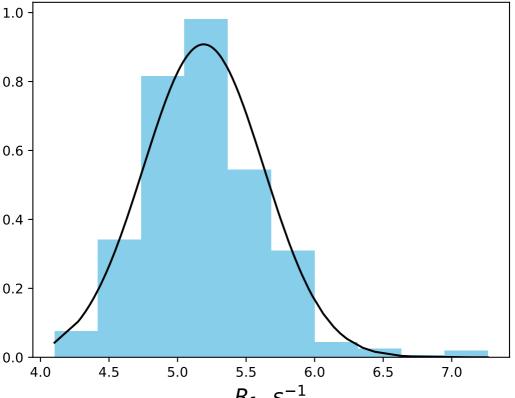


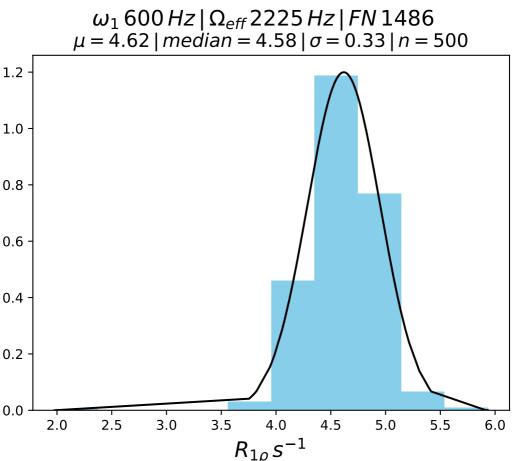




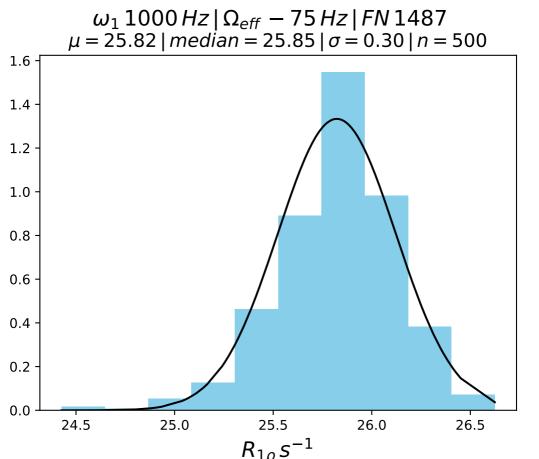


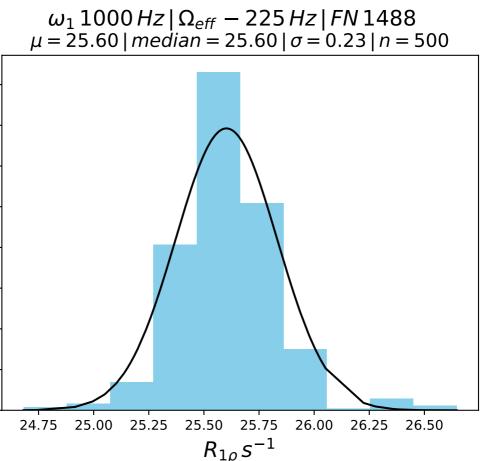






1.0





1.75

1.50

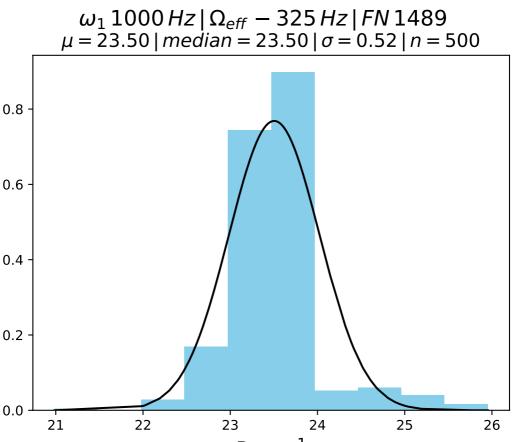
1.25

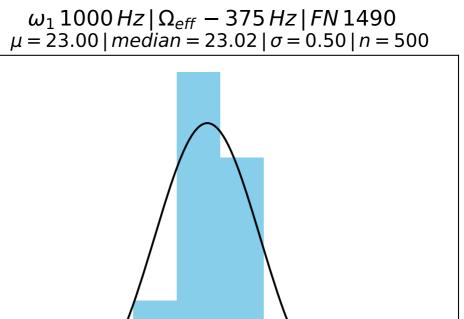
1.00

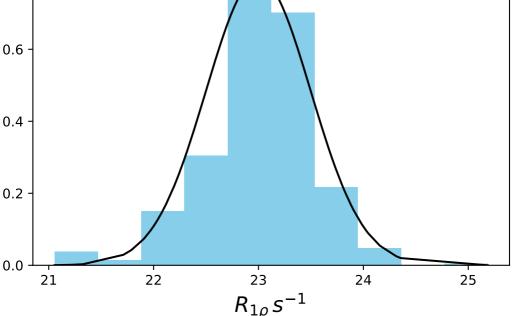
0.75

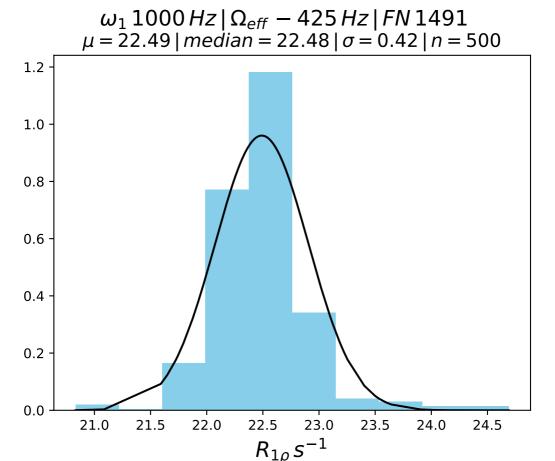
0.50

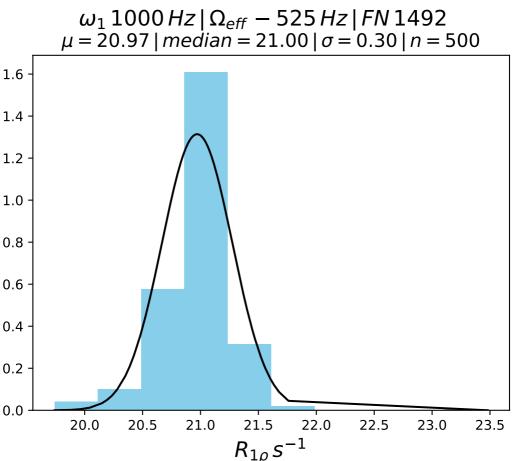
0.25



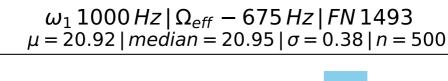


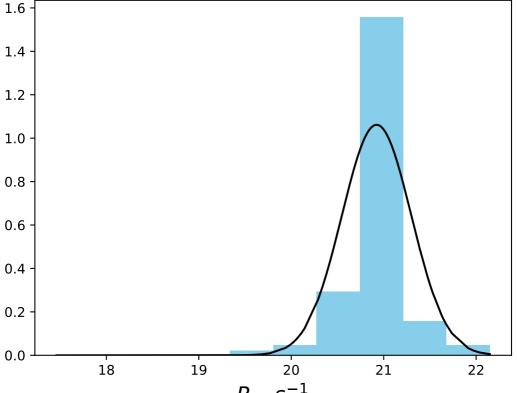




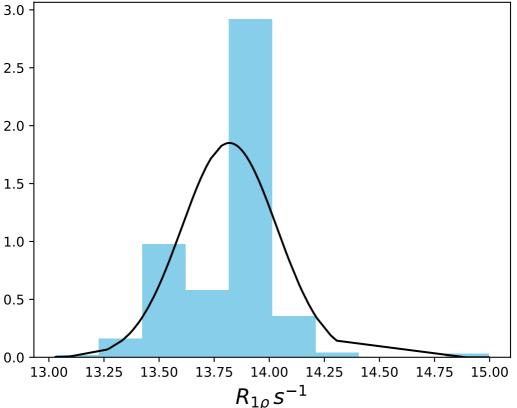


0.2

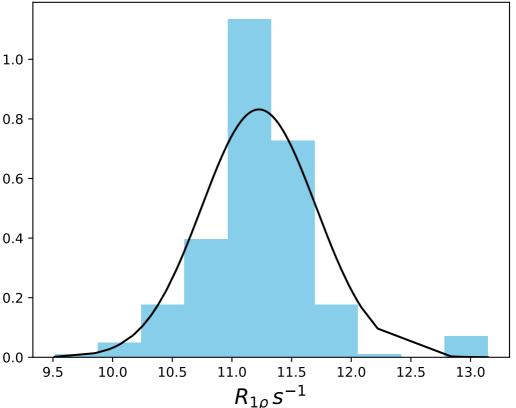


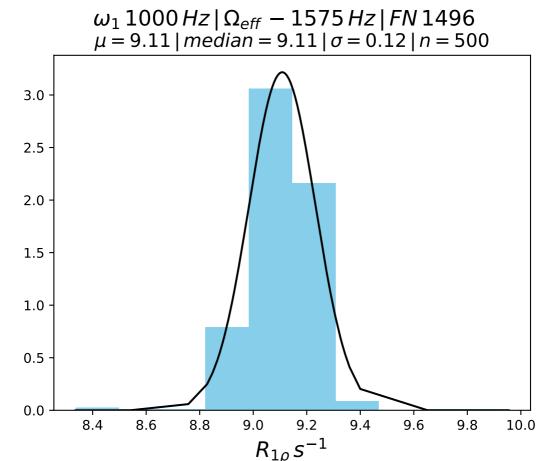


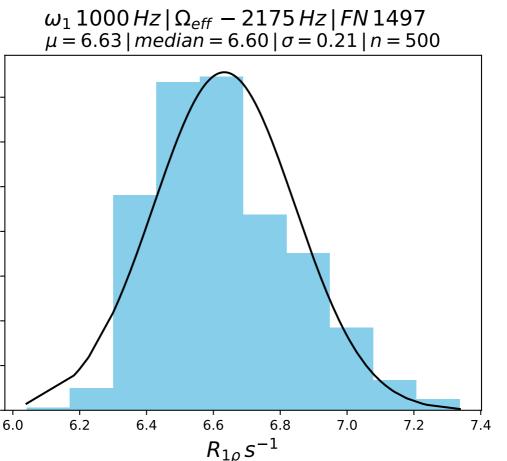
## $\omega_1 \, 1000 \, Hz \, | \, \Omega_{eff} \, - \, 975 \, Hz \, | \, FN \, 1494$ $\mu = 13.82 \, | \, median = 13.87 \, | \, \sigma = 0.22 \, | \, n = 500$



 $\omega_1 \, 1000 \, Hz \, | \, \Omega_{eff} \, - \, 1275 \, Hz \, | \, FN \, 1495$  $\mu = 11.23 \, | \, median = 11.22 \, | \, \sigma = 0.48 \, | \, n = 500$ 







1.50

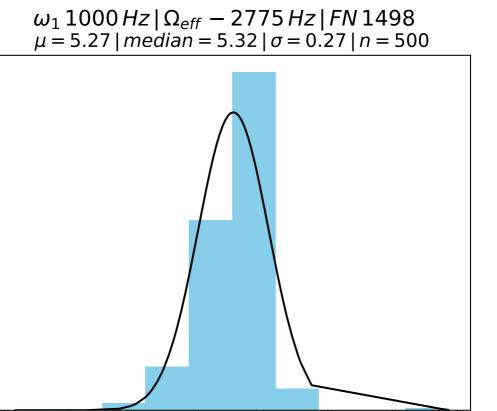
1.25

1.00

0.75

0.50

0.25



6.0

6.5

7.0

1.6

1.4

1.2

1.0

8.0

0.6

0.4

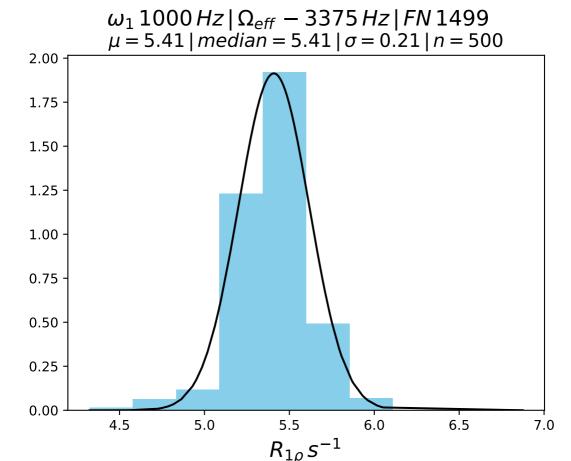
0.2

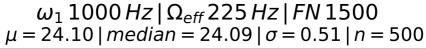
0.0

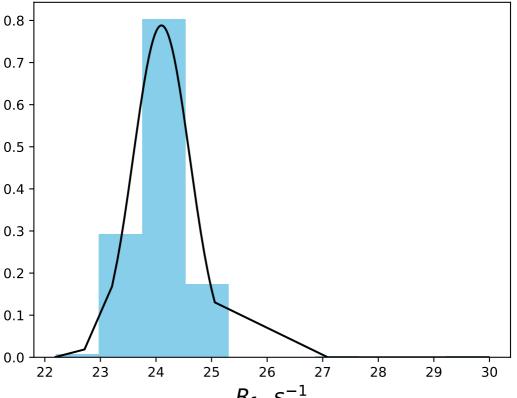
3.5

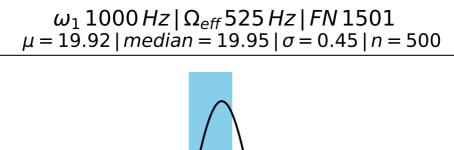
4.0

4.5

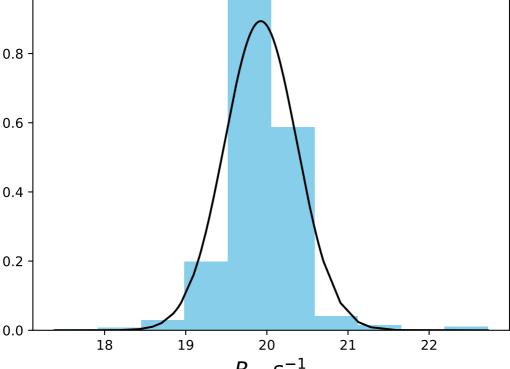




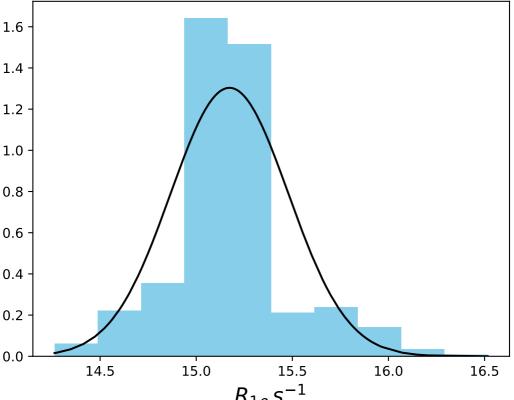


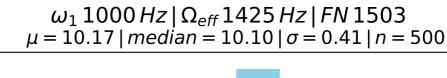


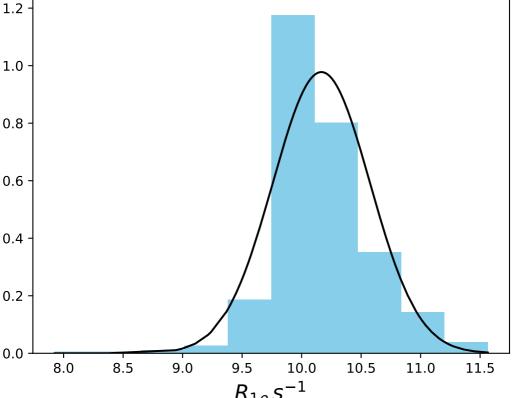
1.0 -

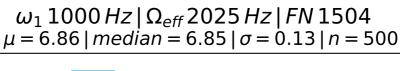


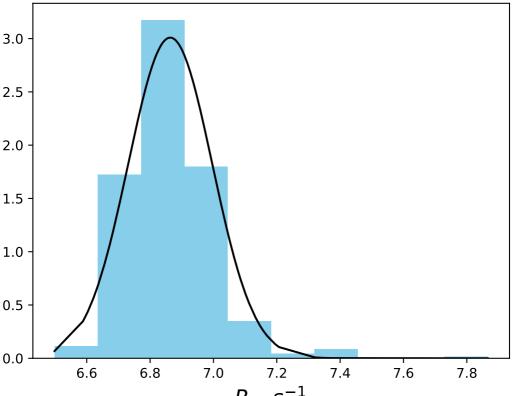
 $\omega_1 \, 1000 \, Hz \, | \, \Omega_{eff} \, 825 \, Hz \, | \, FN \, 1502$  $\mu = 15.17 \, | \, median = 15.15 \, | \, \sigma = 0.31 \, | \, n = 500$ 

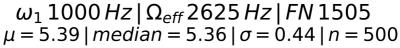


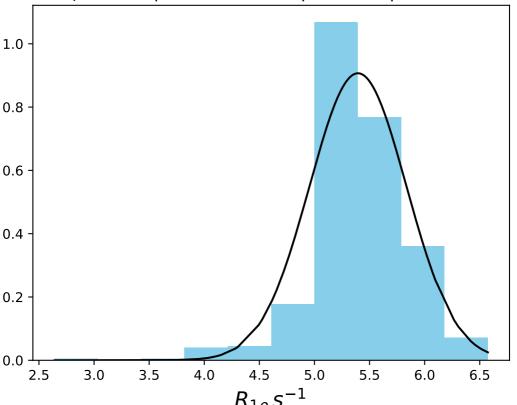


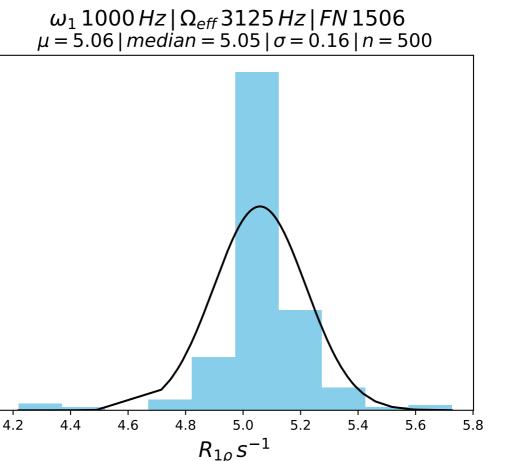












3.5

3.0

2.5

2.0

1.5

1.0

0.5