

0.35 -

 $\omega_1 150 Hz | \Omega_{eff} 0 Hz | FN 1402$ $\mu = 18.82 \mid median = 18.93 \mid \sigma = 0.42 \mid n = 500$

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

19.0

19.5

20.0

1.2

1.0

8.0

0.6

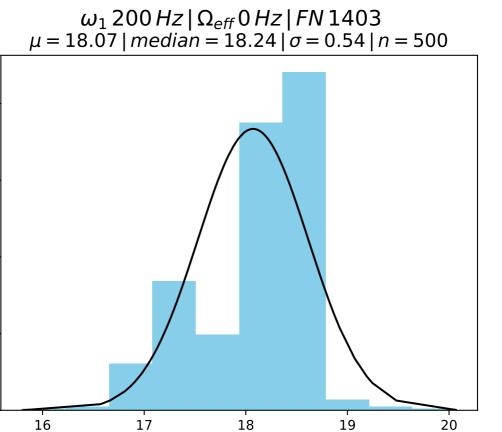
0.4

0.2

0.0

17.0

17.5

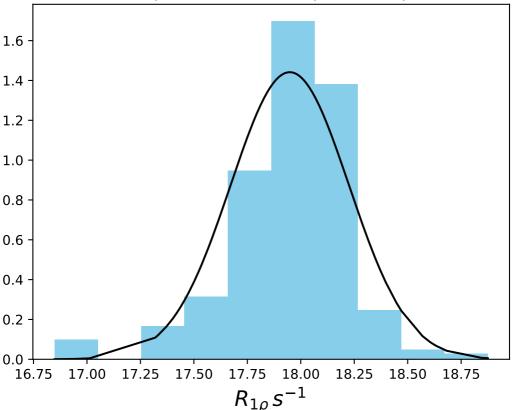


0.6

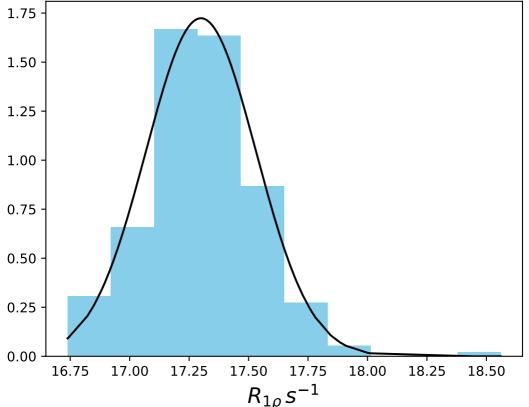
0.4

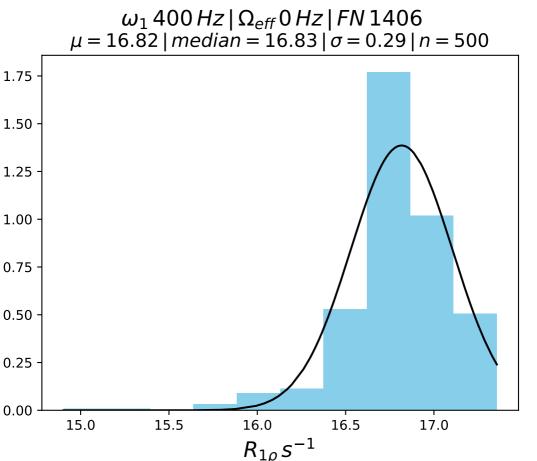
0.2

 $\omega_1 \, 250 \, Hz \, | \, \Omega_{eff} \, 0 \, Hz \, | \, FN \, 1404$ $\mu = 17.95 \, | \, median = 17.99 \, | \, \sigma = 0.28 \, | \, n = 500$

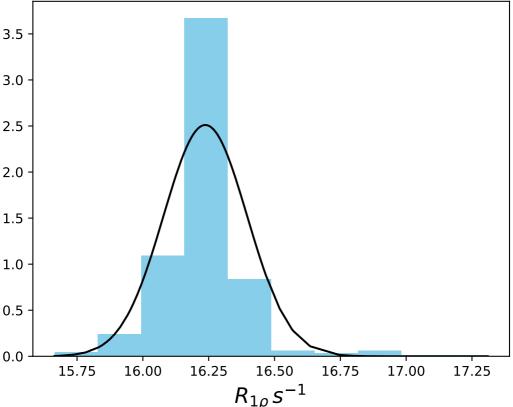


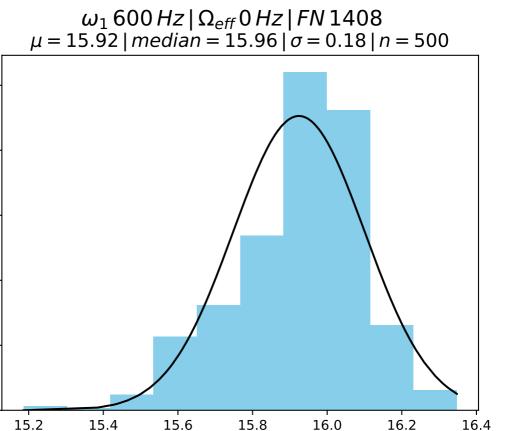
 ω_1 300 Hz | Ω_{eff} 0 Hz | FN 1405 μ = 17.30 | median = 17.29 | σ = 0.23 | n = 500





 $\omega_1 \, 500 \, Hz \, | \, \Omega_{eff} \, 0 \, Hz \, | \, FN \, 1407$ $\mu = 16.24 \, | \, median = 16.25 \, | \, \sigma = 0.16 \, | \, n = 500$





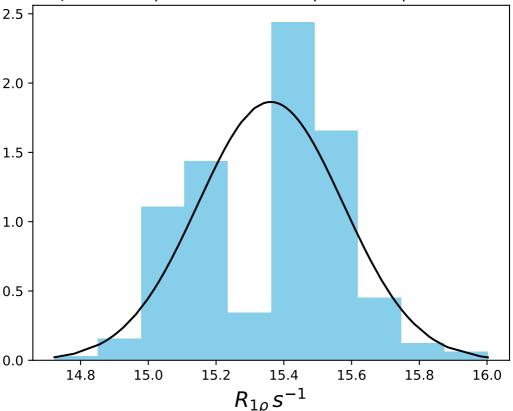
2.0

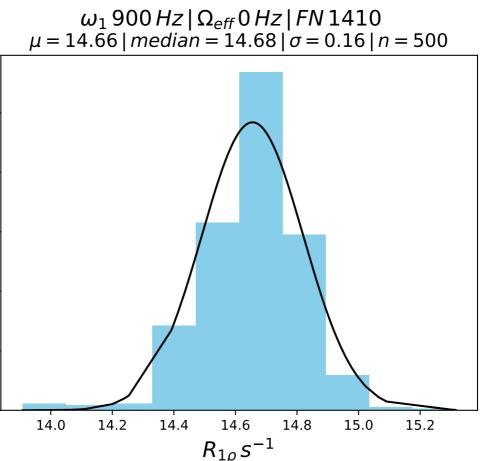
1.5

1.0

0.5

 $\omega_1 700 \, Hz \, | \, \Omega_{eff} \, 0 \, Hz \, | \, FN \, 1409$ $\mu = 15.36 \, | \, median = 15.42 \, | \, \sigma = 0.21 \, | \, n = 500$



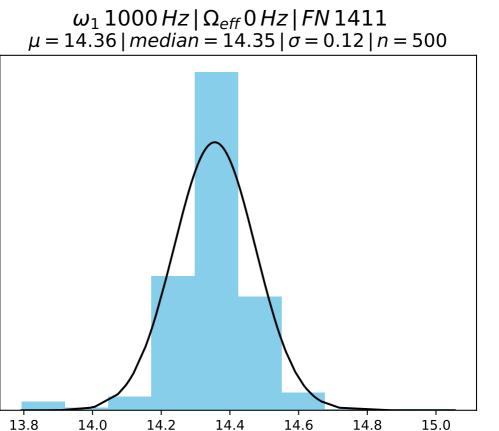


2.0

1.5

1.0

0.5



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

4.0

3.5

3.0

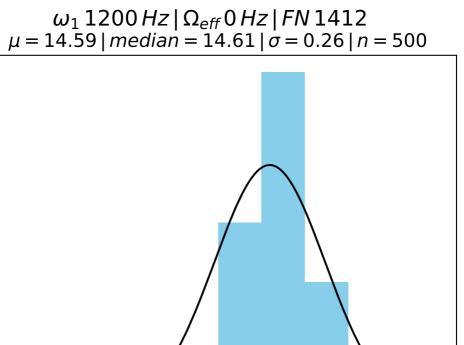
2.5

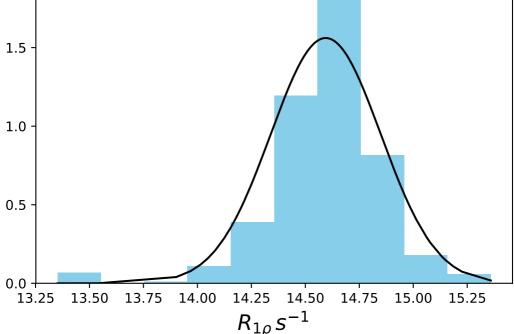
2.0

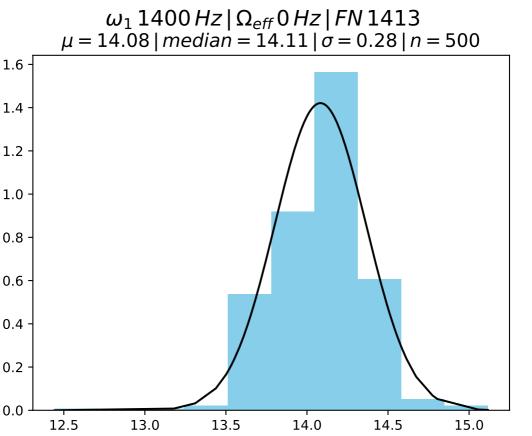
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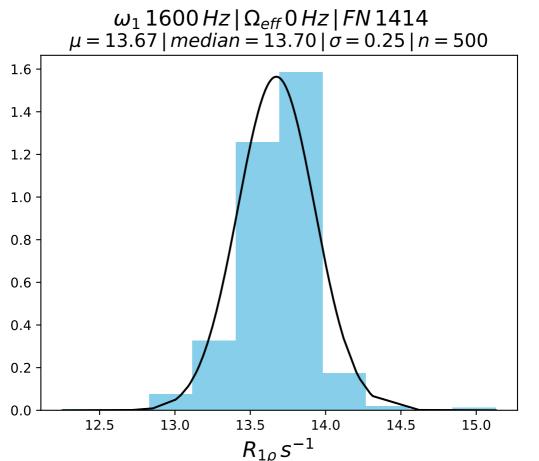
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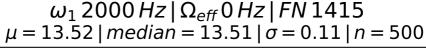
0.5

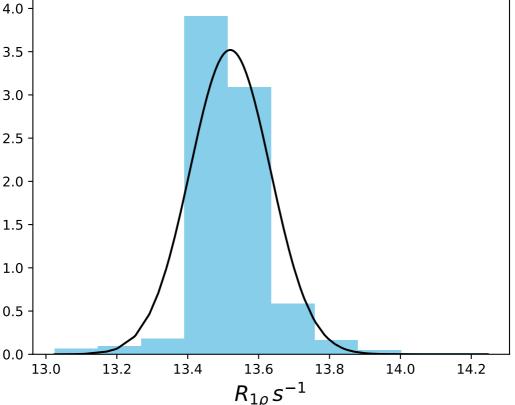


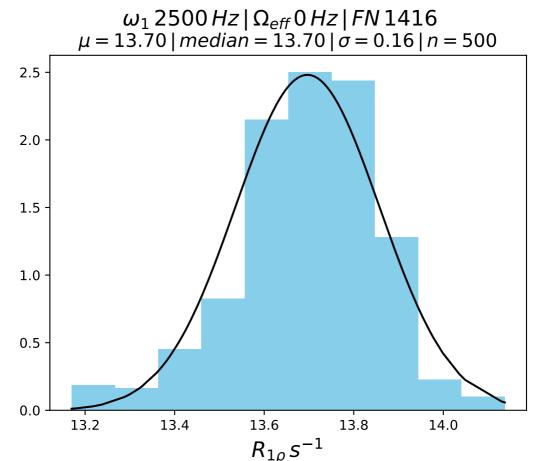


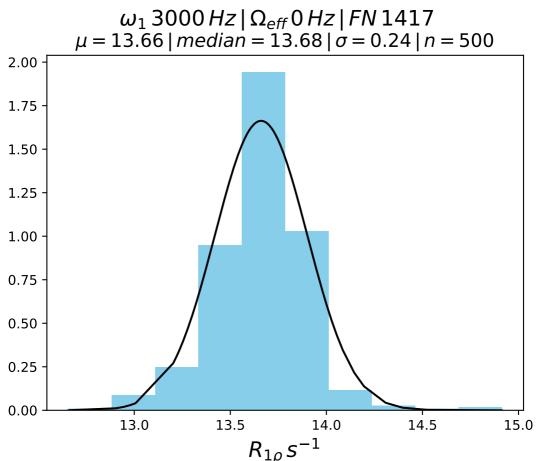


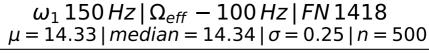


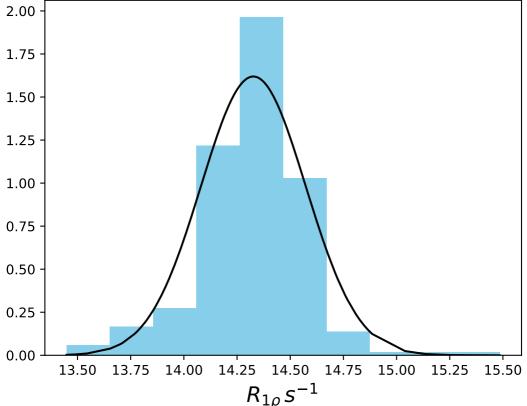


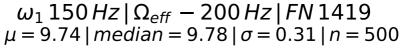


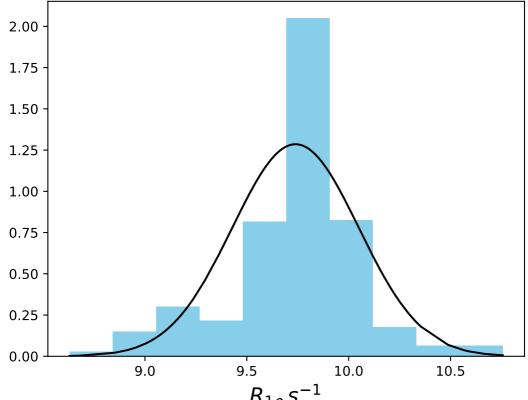


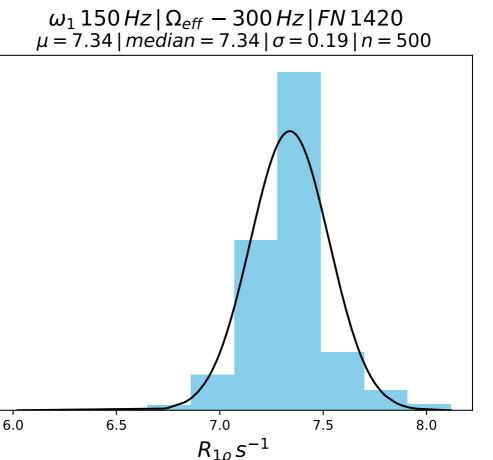










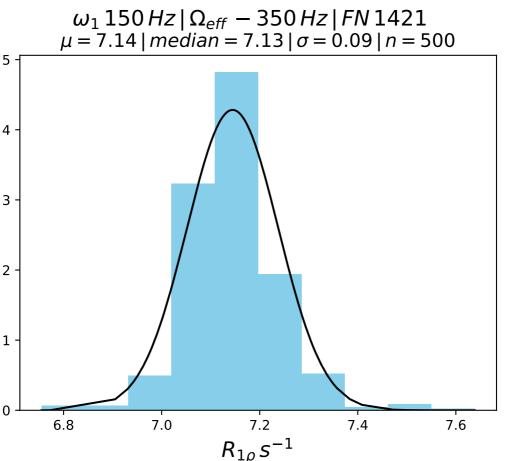


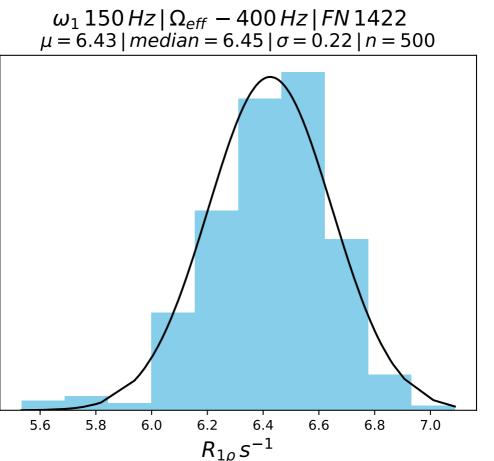
2.0

1.5

1.0

0.5





1.50

1.25

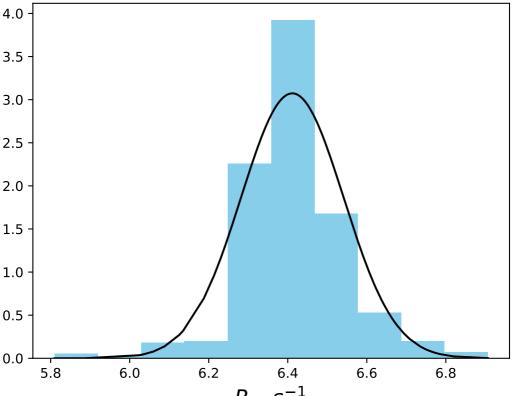
1.00

0.75

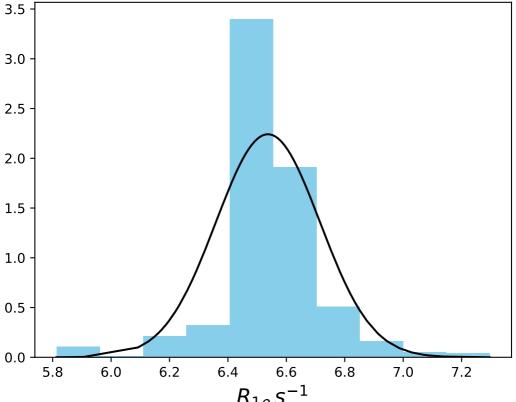
0.50

0.25

 $\omega_1 \, 150 \, Hz \, | \, \Omega_{eff} \, - \, 450 \, Hz \, | \, FN \, 1423$ $\mu = 6.41 \, | \, median = 6.40 \, | \, \sigma = 0.13 \, | \, n = 500$



 $\omega_1 \, 150 \, Hz \, | \, \Omega_{eff} \, - \, 500 \, Hz \, | \, FN \, 1424$ $\mu = 6.54 \, | \, median = 6.53 \, | \, \sigma = 0.18 \, | \, n = 500$



 $\omega_1 \, 150 \, Hz \, | \, \Omega_{eff} \, - \, 520 \, Hz \, | \, FN \, 1425$ $\mu = 6.26 \, | \, median = 6.24 \, | \, \sigma = 0.13 \, | \, n = 500$

6.6

6.8

7.0

6.2

3.5

3.0

2.5

2.0

1.5

1.0

0.5

0.0

5.6

5.8

 $\omega_1 \, 150 \, Hz \, | \, \Omega_{eff} \, - \, 540 \, Hz \, | \, FN \, 1426$ $\mu = 6.43 \, | \, median = 6.44 \, | \, \sigma = 0.08 \, | \, n = 500$

6.8

6.4

6.2

6

5

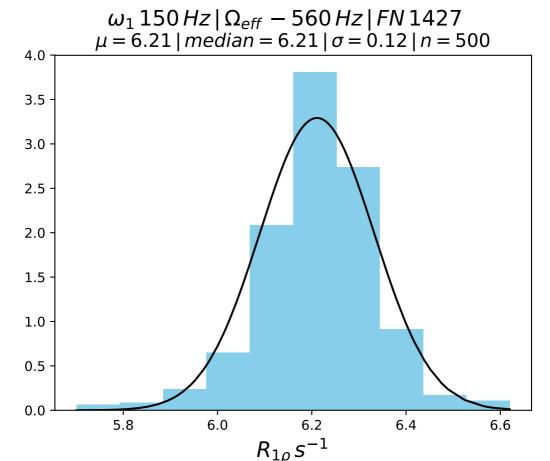
4

3

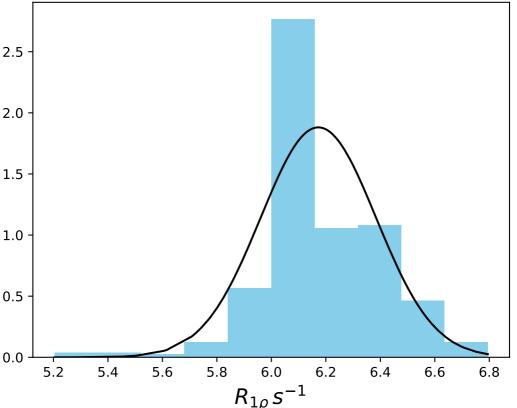
2

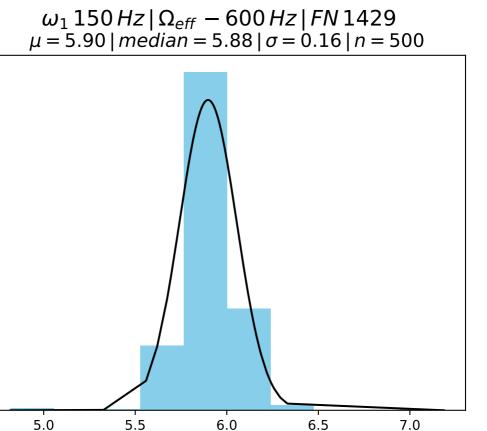
1

0



 $\omega_1 \, 150 \, Hz \, | \, \Omega_{eff} \, - \, 580 \, Hz \, | \, FN \, 1428$ $\mu = 6.17 \, | \, median = 6.14 \, | \, \sigma = 0.21 \, | \, n = 500$



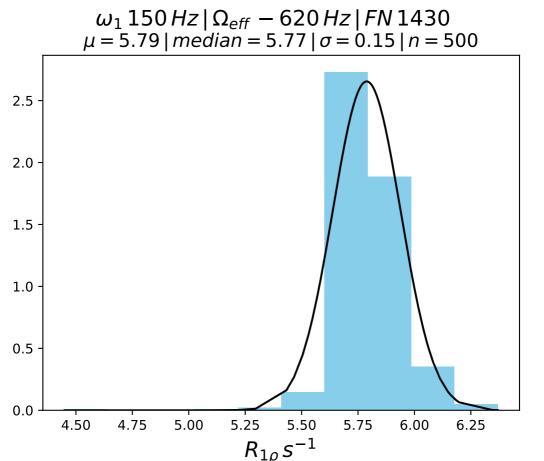


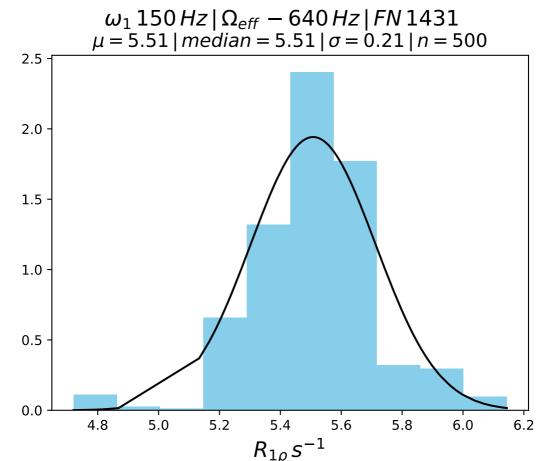
2.0

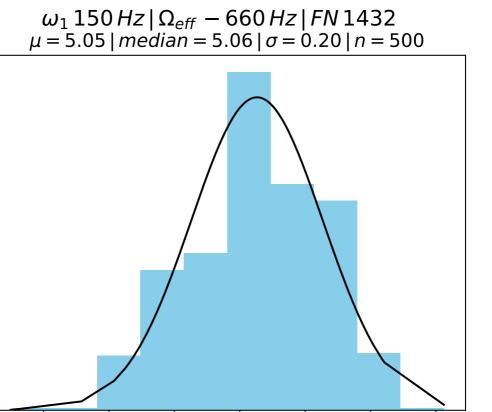
1.5

1.0

0.5







5.2

5.4

5.6

2.0

1.5

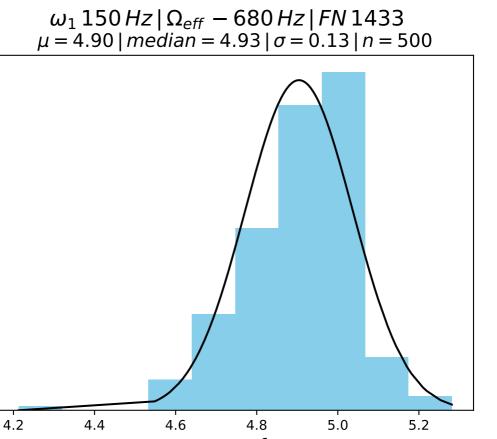
1.0

0.5

0.0

4.4

4.6



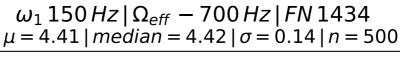
2.5

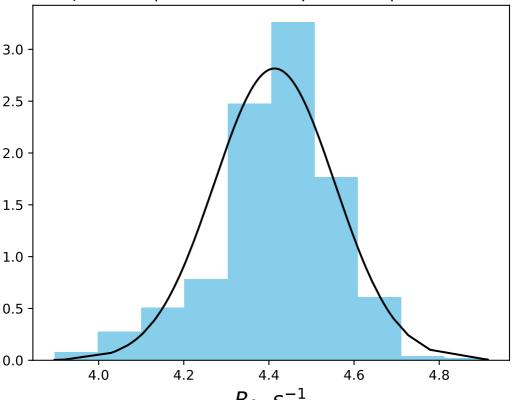
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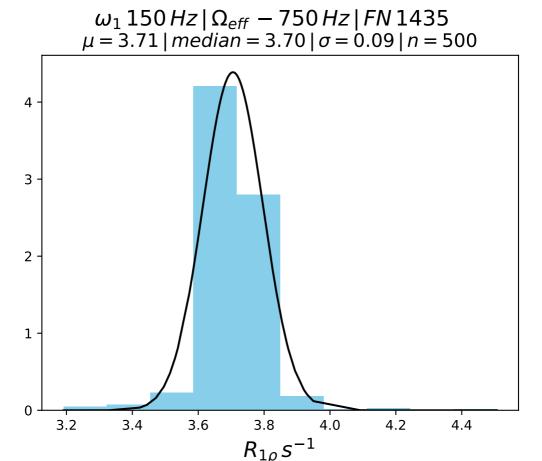
1.5

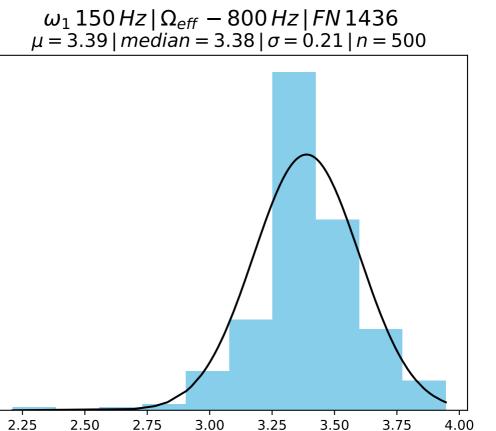
1.0

0.5









3.25

3.75

4.00

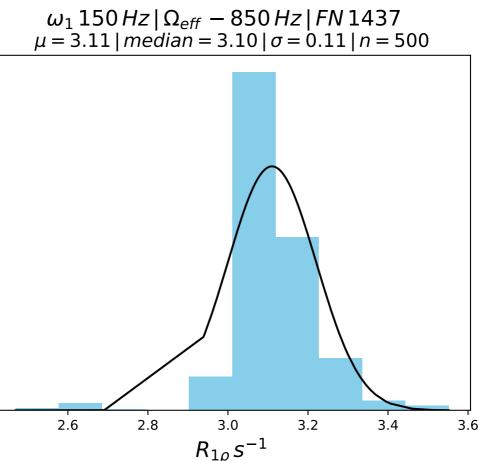
2.5

2.0

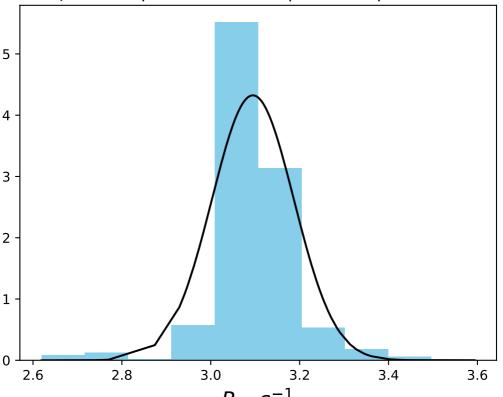
1.5

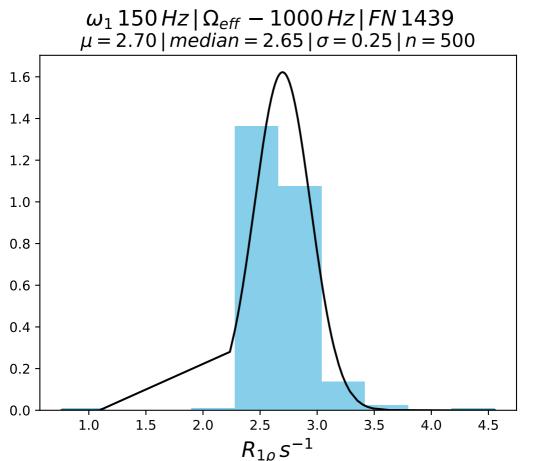
1.0

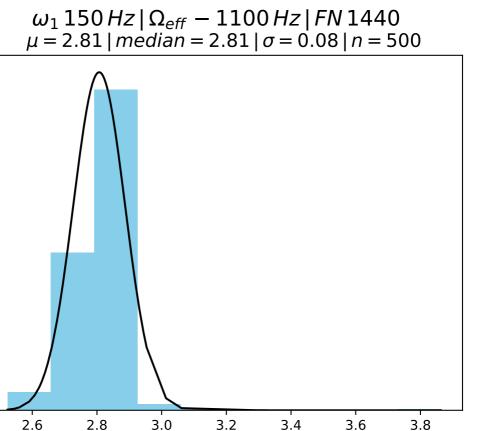
0.5



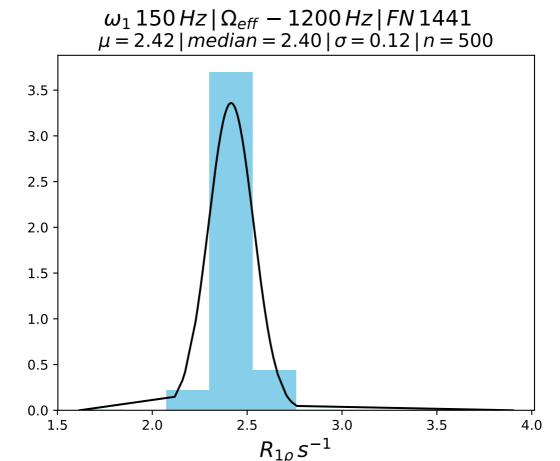
 $\omega_1 \, 150 \, Hz \, | \, \Omega_{eff} \, - \, 900 \, Hz \, | \, FN \, 1438$ $\mu = 3.09 \, | \, median = 3.09 \, | \, \sigma = 0.09 \, | \, n = 500$

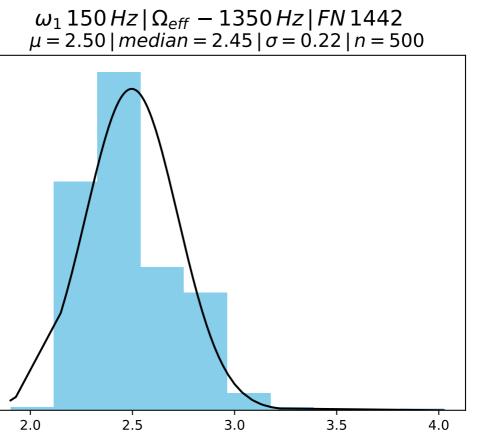






 $R_{1\rho} s^{-1}$





1.50

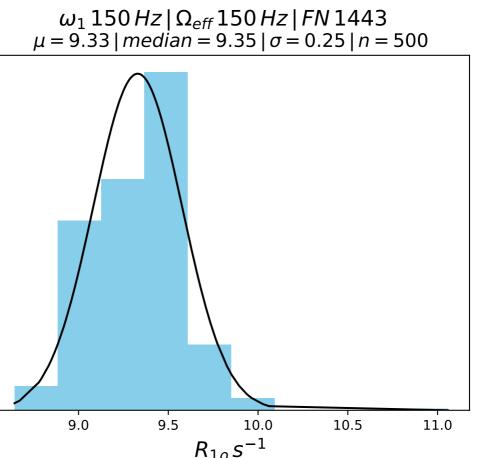
1.25

1.00

0.75

0.50

0.25



1.4

1.2

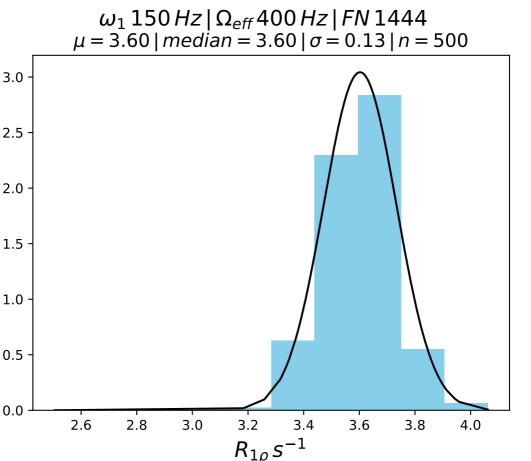
1.0

8.0

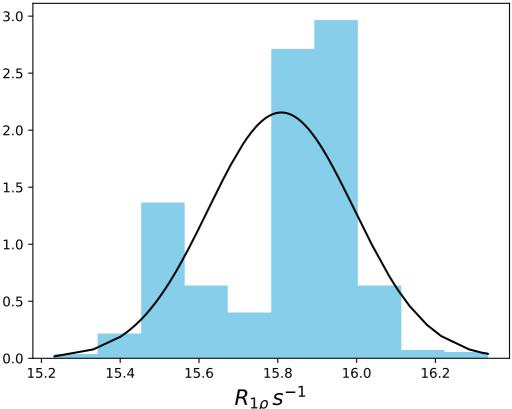
0.6

0.4

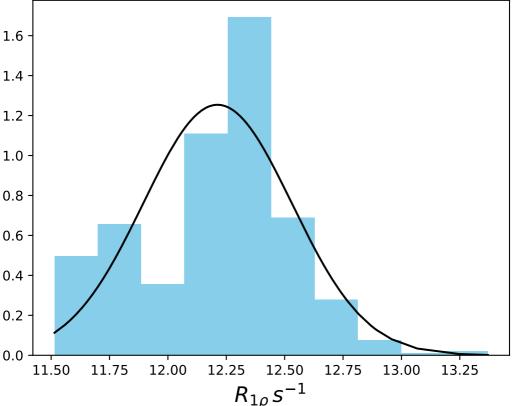
0.2

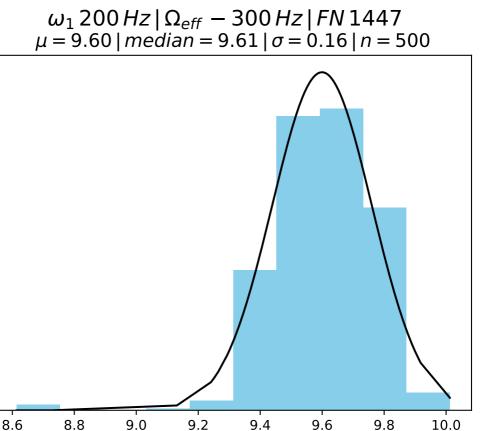


 $\omega_1 \, 200 \, Hz \, | \, \Omega_{eff} \, - \, 100 \, Hz \, | \, FN \, 1445$ $\mu = 15.81 \, | \, median = 15.86 \, | \, \sigma = 0.19 \, | \, n = 500$



 $\omega_1 \, 200 \, Hz \, | \, \Omega_{eff} \, - \, 200 \, Hz \, | \, FN \, 1446$ $\mu = 12.21 \, | \, median = 12.27 \, | \, \sigma = 0.32 \, | \, n = 500$



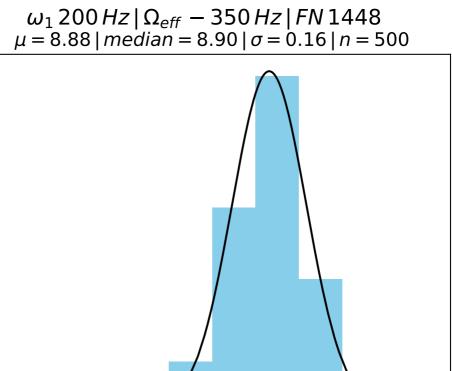


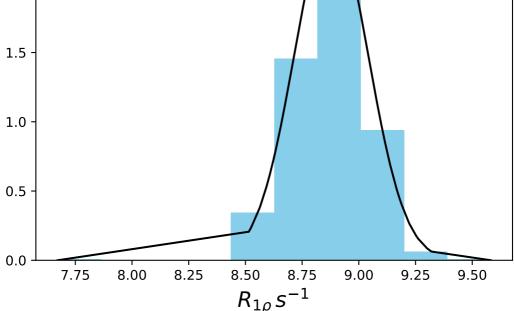
2.0

1.5

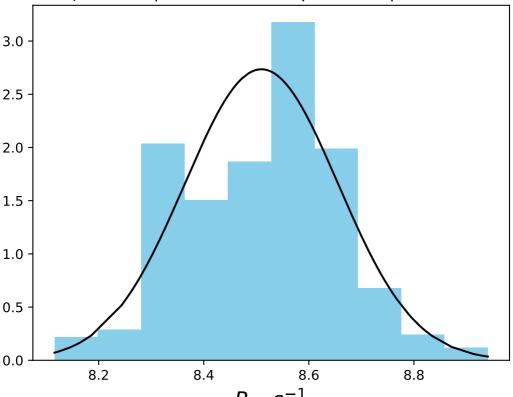
1.0

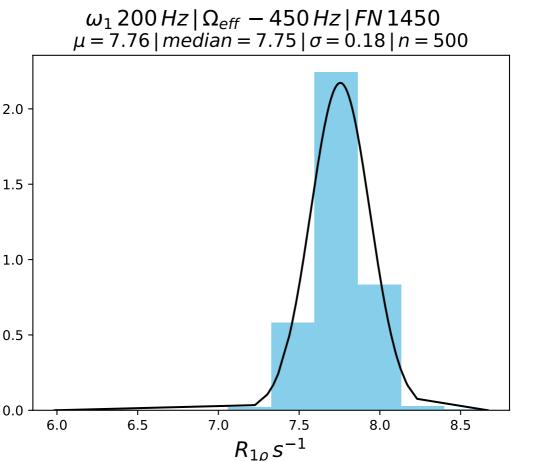
0.5

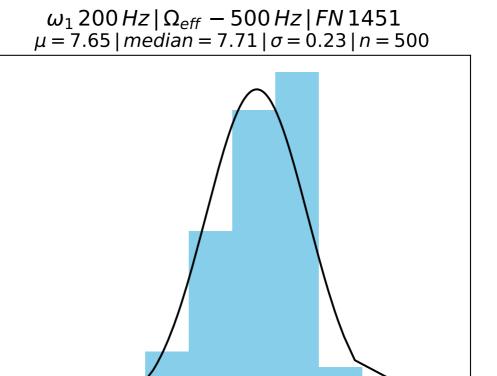




 $\omega_1 \, 200 \, Hz \, | \, \Omega_{eff} \, - \, 400 \, Hz \, | \, FN \, 1449$ $\mu = 8.51 \, | \, median = 8.53 \, | \, \sigma = 0.15 \, | \, n = 500$







1.50

1.25

1.00

0.75

0.50

0.25

0.00

6.50

6.75

7.00

7.25

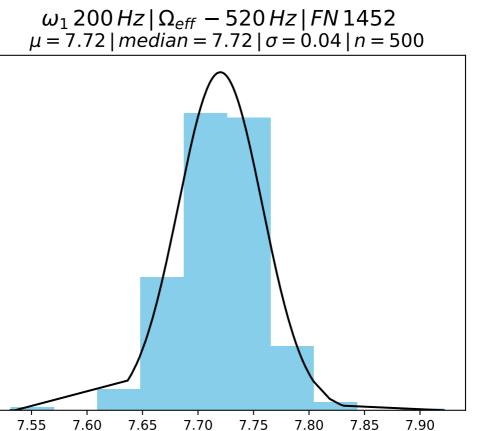
7.50

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

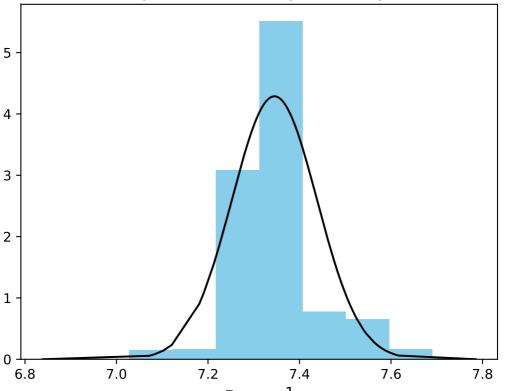
7.75

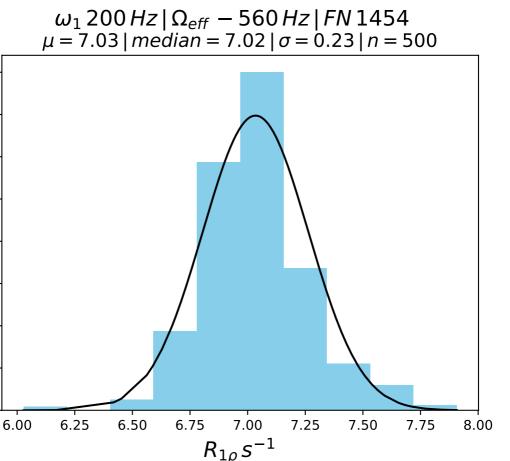
8.00

8.25



 $\omega_1 \, 200 \, Hz \, | \, \Omega_{eff} \, - \, 540 \, Hz \, | \, FN \, 1453$ $\mu = 7.35 \, | \, median = 7.33 \, | \, \sigma = 0.09 \, | \, n = 500$





1.75

1.50

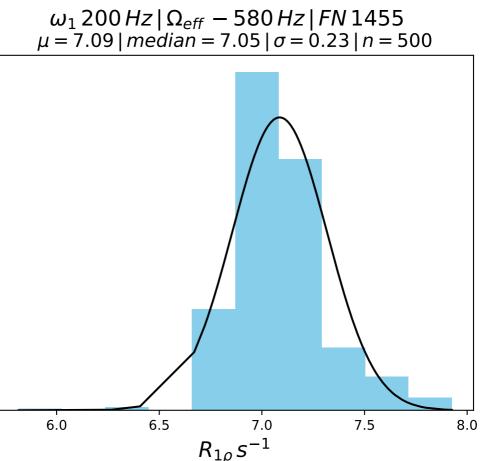
1.25

1.00

0.75

0.50

0.25



1.75

1.50

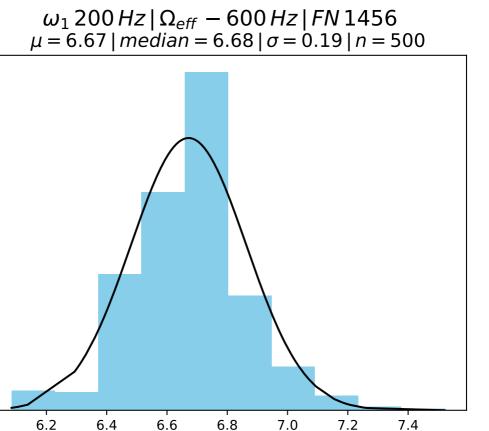
1.25

1.00

0.75

0.50

0.25

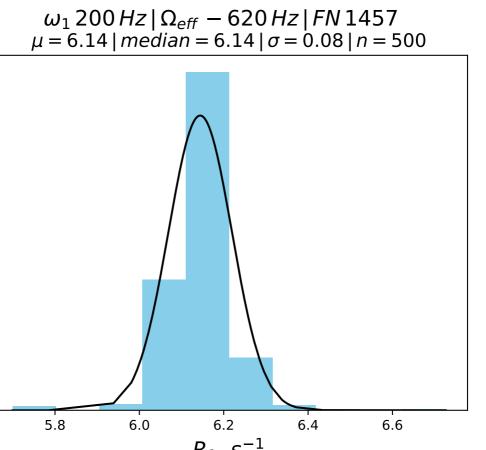


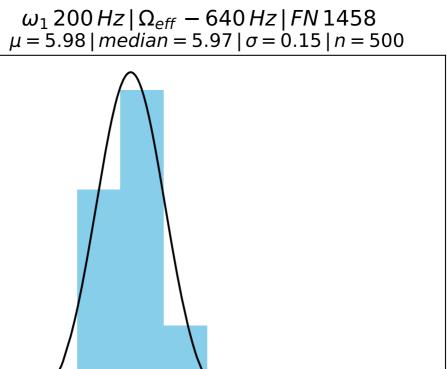
2.0

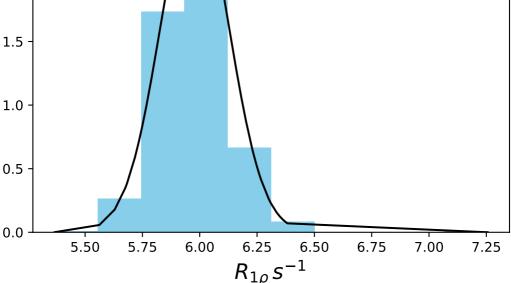
1.5

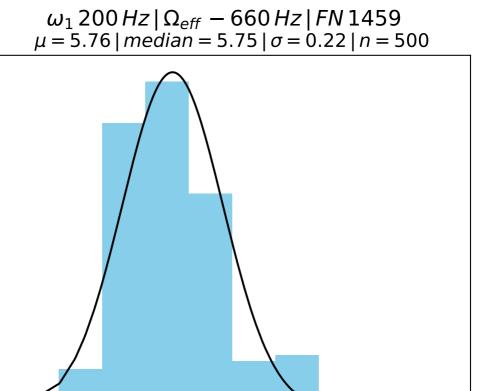
1.0

0.5









1.50

1.25

1.00

0.75

0.50

0.25

0.00

5.00

5.25

5.50

5.75

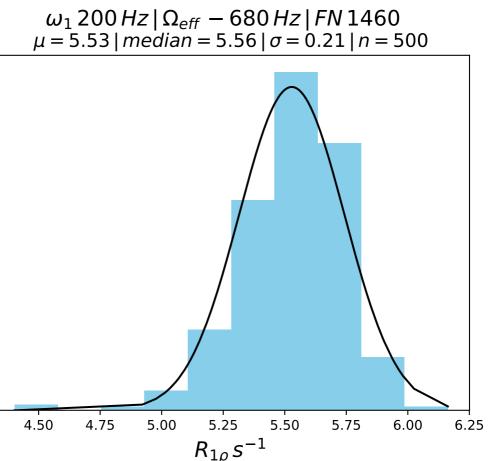
6.00

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

6.25

6.50

6.75



2.00 -

1.75

1.50

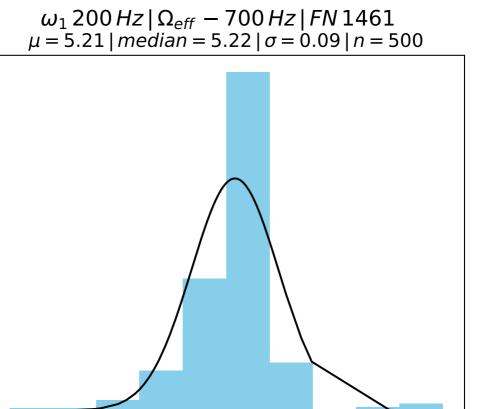
1.25

1.00

0.75

0.50

0.25



5.6

5.0

6

5

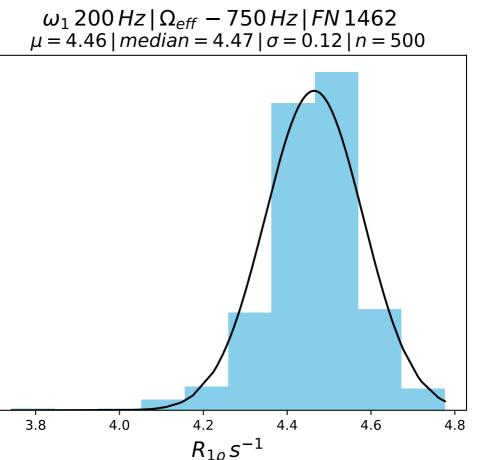
4 ·

3

2

1

0



3.0

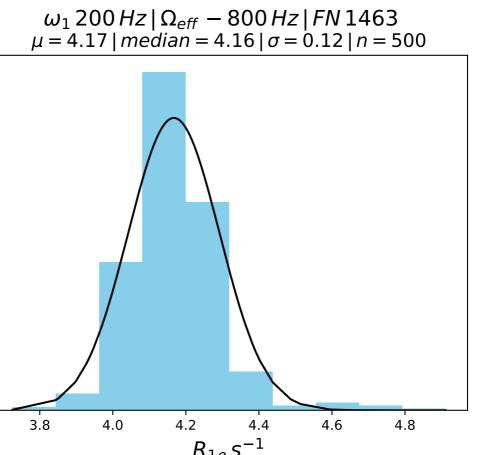
2.5

2.0

1.5

1.0

0.5



3.0

2.5

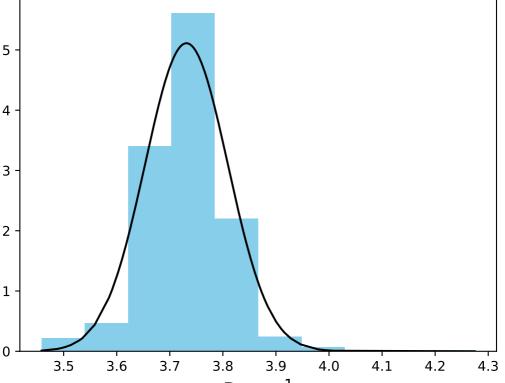
2.0

1.5

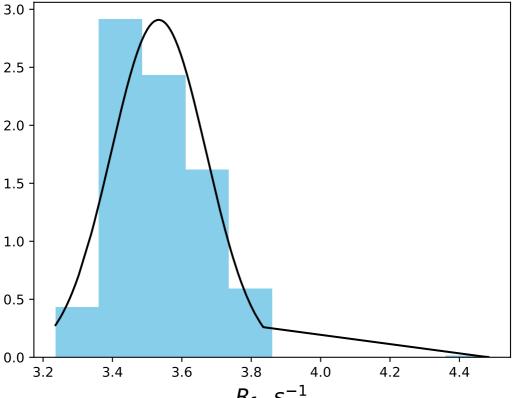
1.0

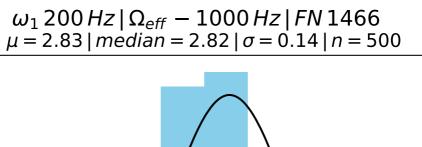
0.5

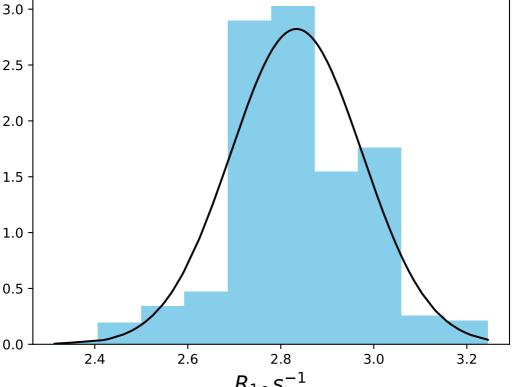
 $\omega_1 \, 200 \, Hz \, | \, \Omega_{eff} \, - \, 850 \, Hz \, | \, FN \, 1464$ $\mu = 3.73 \, | \, median = 3.73 \, | \, \sigma = 0.08 \, | \, n = 500$

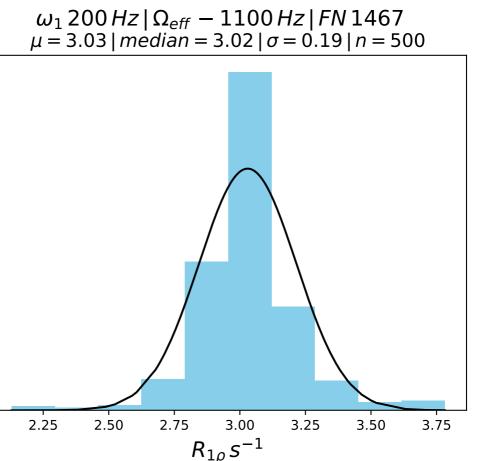


 $\omega_1 \, 200 \, Hz \, | \, \Omega_{eff} \, - \, 900 \, Hz \, | \, FN \, 1465$ $\mu = 3.53 \, | \, median = 3.52 \, | \, \sigma = 0.14 \, | \, n = 500$









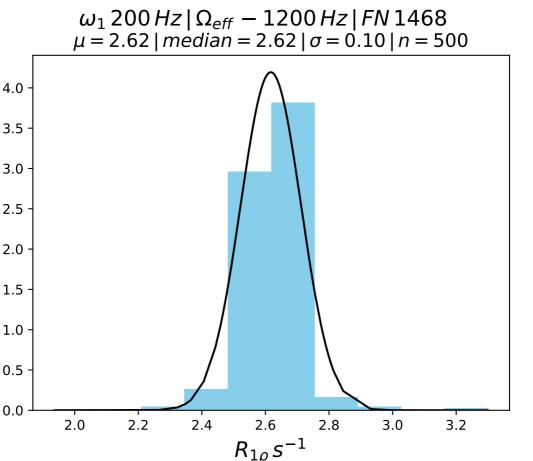
2.5

2.0

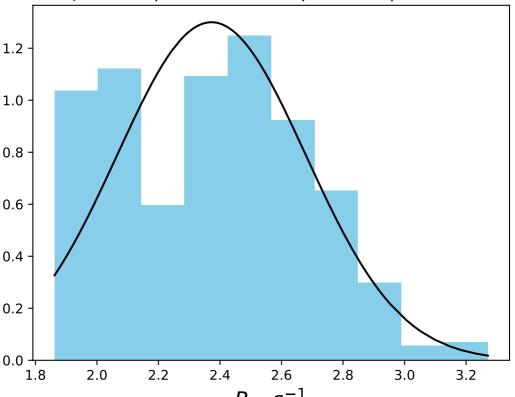
1.5

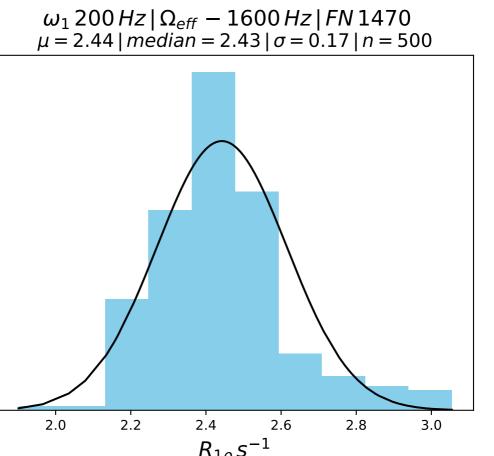
1.0

0.5



 $\omega_1 200 \, Hz \, | \, \Omega_{eff} - 1400 \, Hz \, | \, FN \, 1469$ $\mu = 2.37 \, | \, median = 2.39 \, | \, \sigma = 0.31 \, | \, n = 500$





2.5

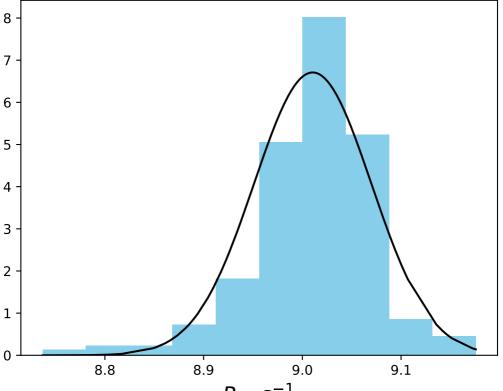
2.0

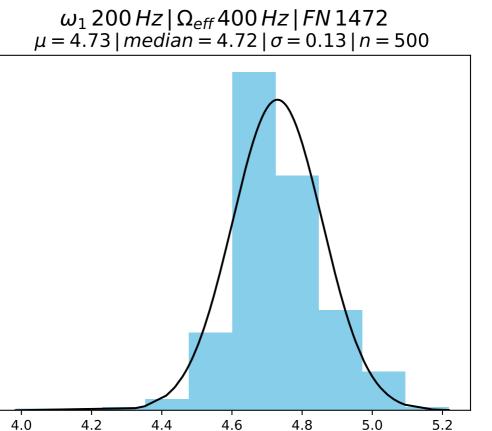
1.5

1.0

0.5

 $\omega_1 \, 200 \, Hz \, | \, \Omega_{eff} \, 200 \, Hz \, | \, FN \, 1471$ $\mu = 9.01 \, | \, median = 9.02 \, | \, \sigma = 0.06 \, | \, n = 500$





4.8

5.0

5.2

3.5

3.0

2.5

2.0

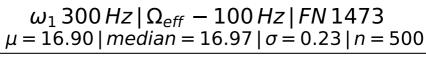
1.5

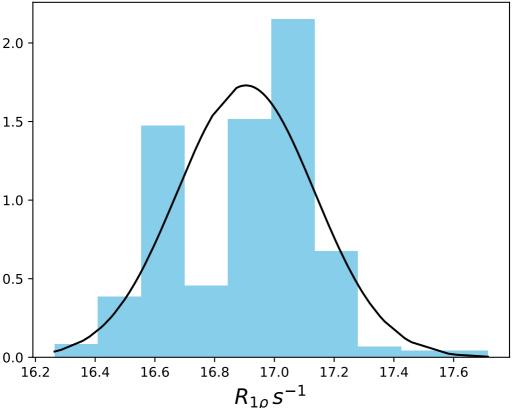
1.0

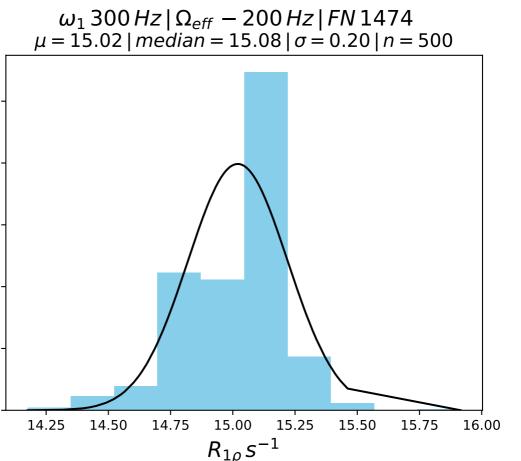
0.5

0.0

4.2





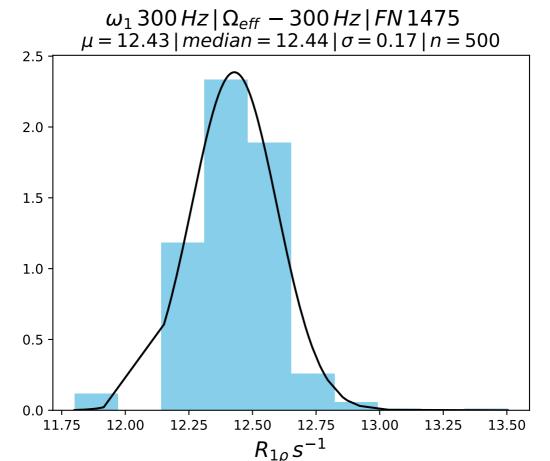


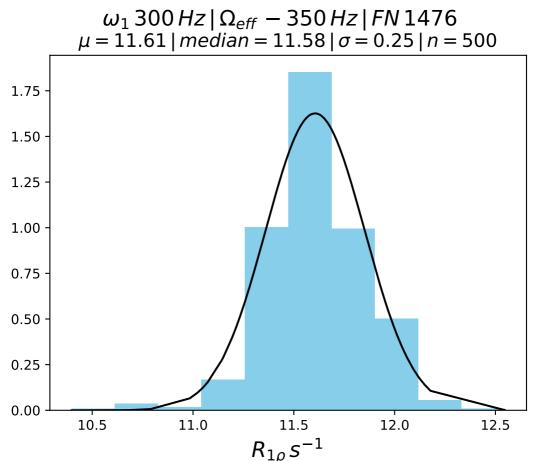
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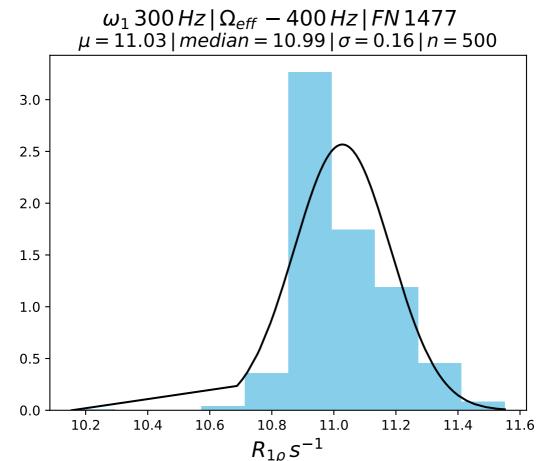
1.5

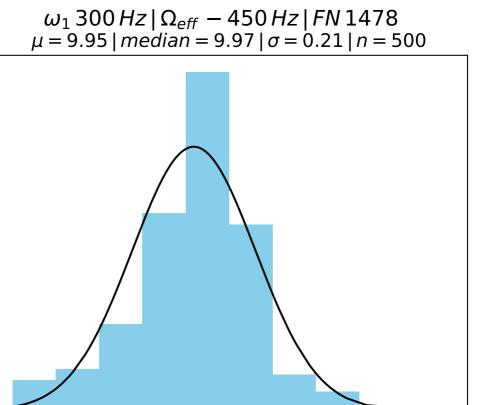
1.0

0.5









2.0

1.5

1.0

0.5

0.0

9.4

9.6

9.8

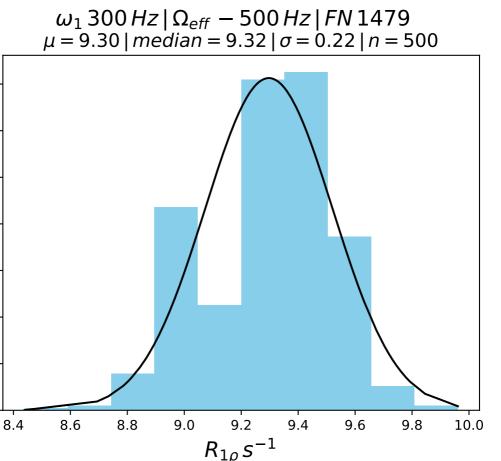
10.0

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

10.2

10.4

10.6



1.50

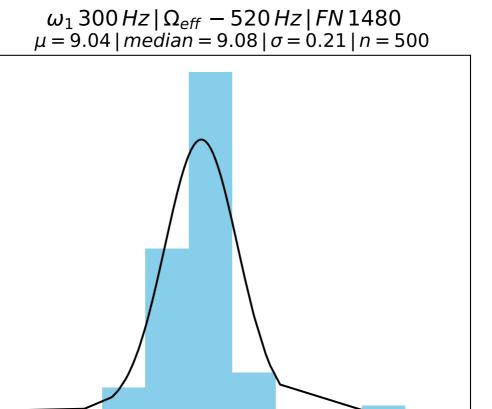
1.25

1.00

0.75

0.50

0.25



10.0

10.5

2.5

2.0

1.5

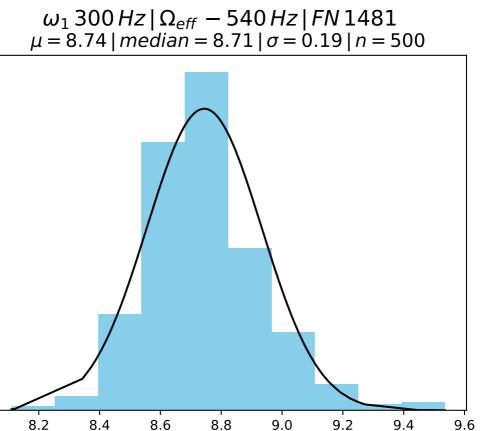
1.0

0.5

0.0

8.0

8.5



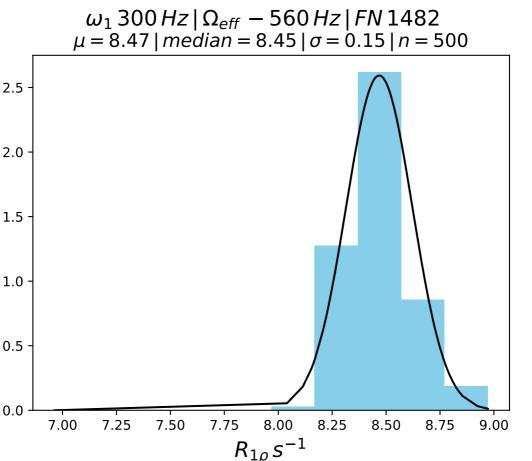
 $R_{1\rho} s^{-1}$

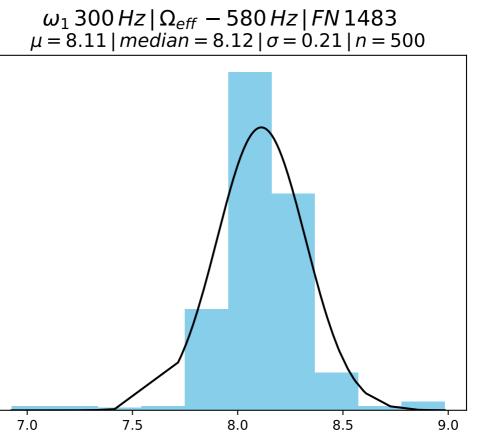
2.0

1.5

1.0

0.5



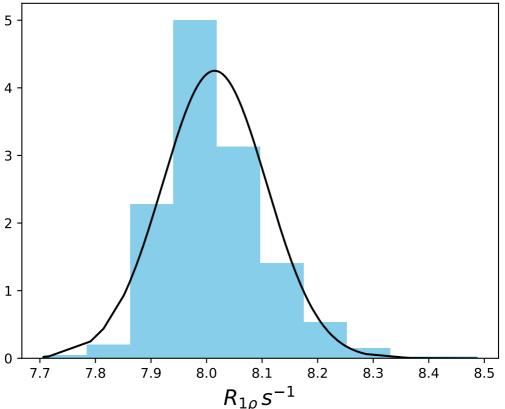


1.5

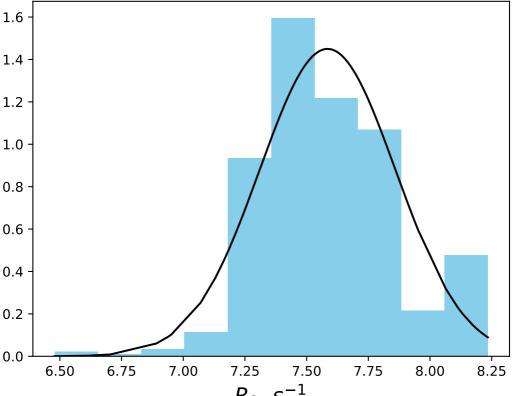
1.0

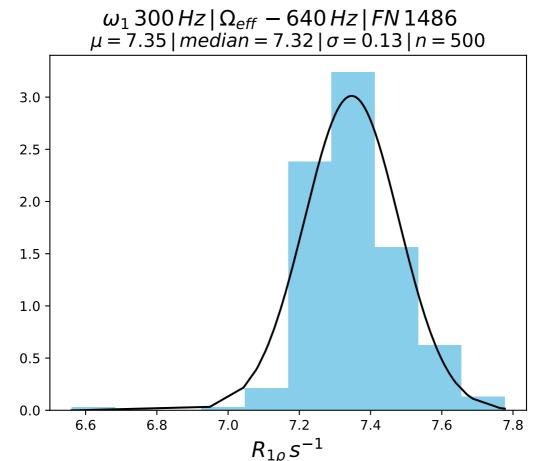
0.5

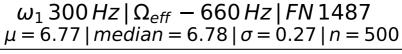
 $\omega_1 \, 300 \, Hz \, | \, \Omega_{eff} \, - \, 600 \, Hz \, | \, FN \, 1484$ $\mu = 8.01 \, | \, median = 8.00 \, | \, \sigma = 0.09 \, | \, n = 500$

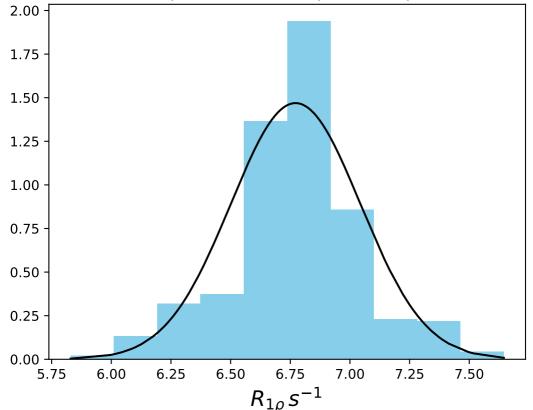


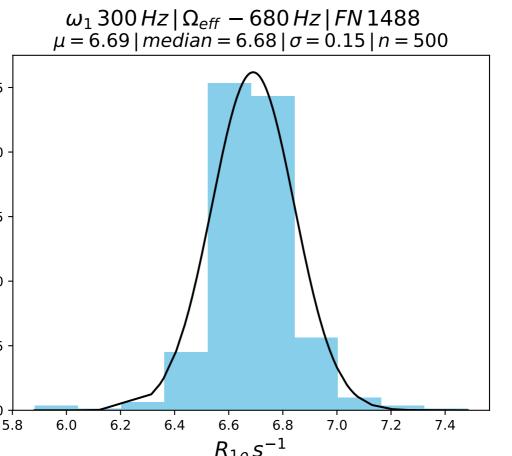
 $\omega_1 \, 300 \, Hz \, | \, \Omega_{eff} \, - \, 620 \, Hz \, | \, FN \, 1485$ $\mu = 7.58 \, | \, median = 7.55 \, | \, \sigma = 0.28 \, | \, n = 500$











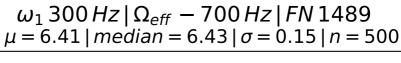
2.0

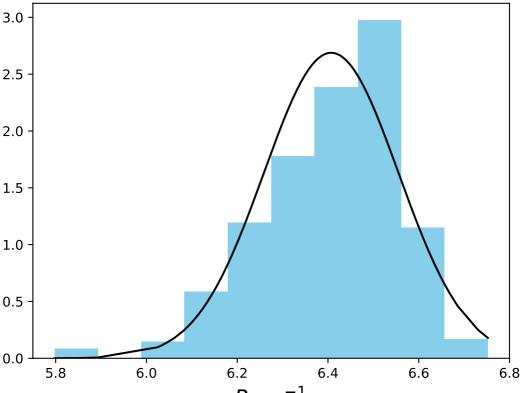
1.5

1.0

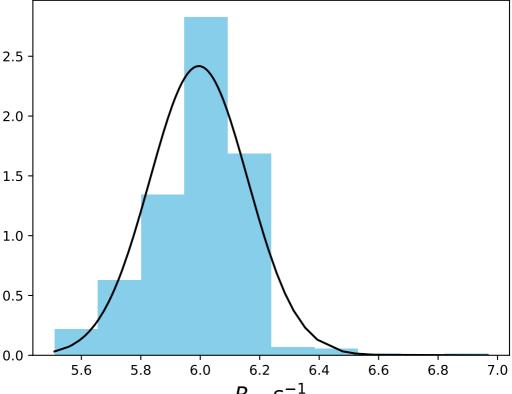
0.5

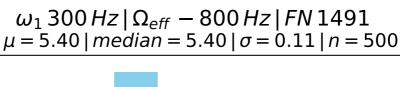
0.0 +

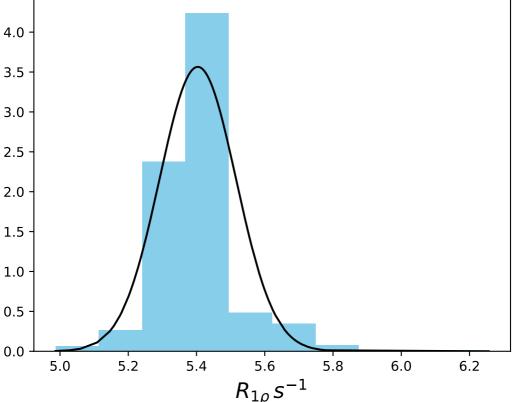


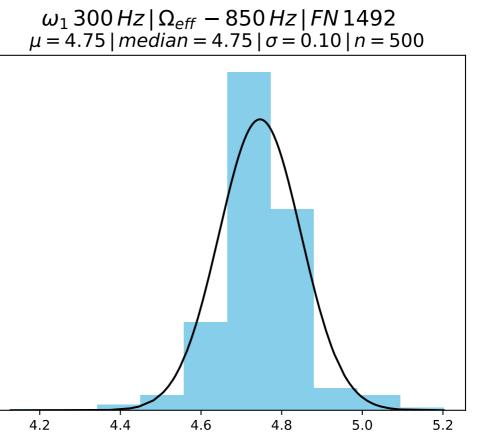


 $\omega_1 \, 300 \, Hz \, | \, \Omega_{eff} \, - \, 750 \, Hz \, | \, FN \, 1490$ $\mu = 6.00 \, | \, median = 6.02 \, | \, \sigma = 0.17 \, | \, n = 500$

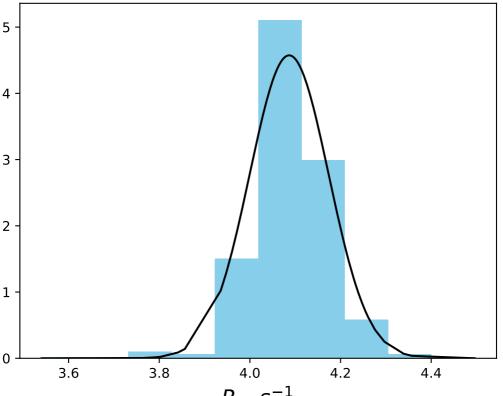


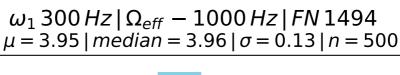


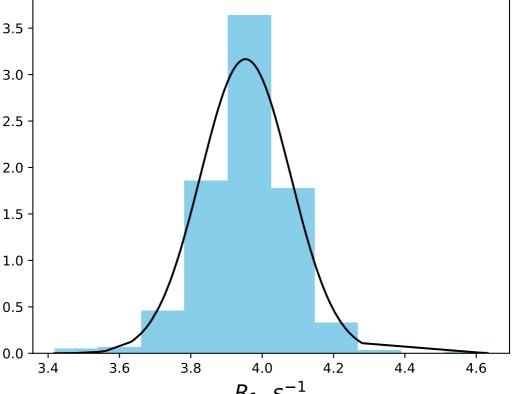




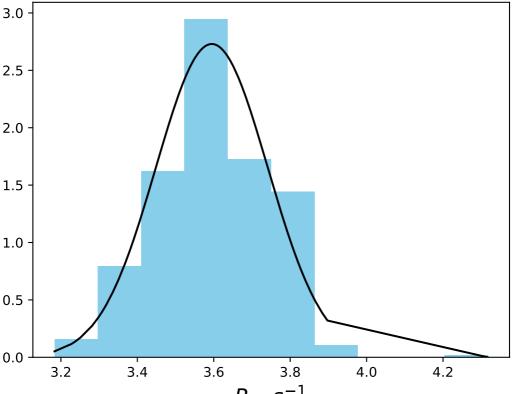
 ω_1 300 Hz | Ω_{eff} - 900 Hz | FN 1493 μ = 4.09 | median = 4.08 | σ = 0.09 | n = 500

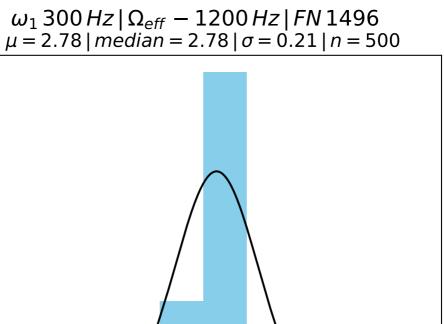


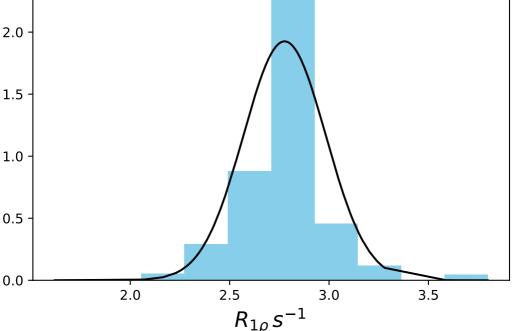


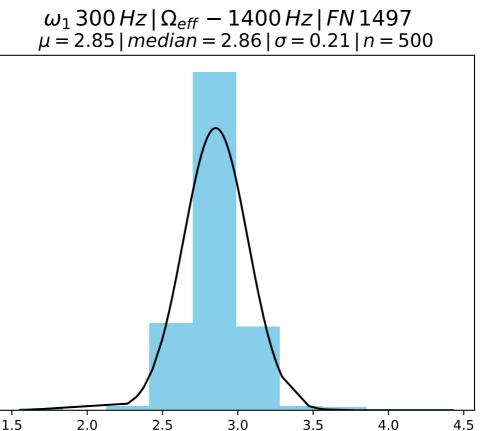


 $\omega_1 \, 300 \, Hz \, | \, \Omega_{eff} \, - \, 1100 \, Hz \, | \, FN \, 1495$ $\mu = 3.59 \, | \, median = 3.59 \, | \, \sigma = 0.15 \, | \, n = 500$





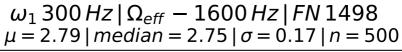


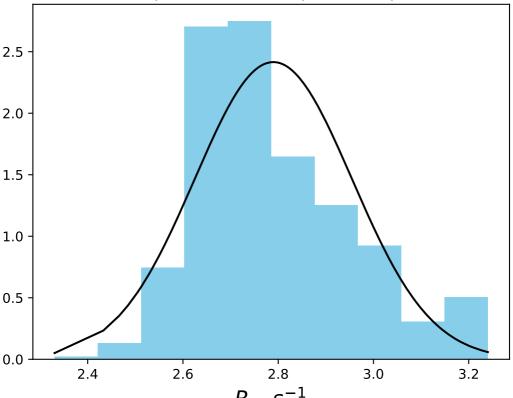


1.5

1.0

0.5





 $\omega_1 \, 300 \, Hz \, | \, \Omega_{eff} \, 200 \, Hz \, | \, FN \, 1499$ $\mu = 11.97 \mid median = 12.01 \mid \sigma = 0.22 \mid n = 500$

2.00

1.75

1.50

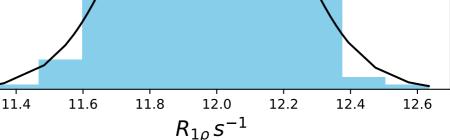
1.25

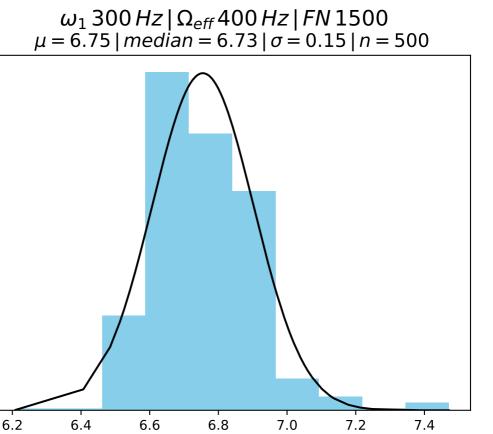
1.00

0.75

0.50

0.25



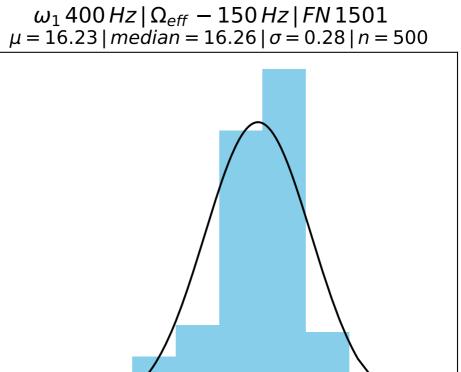


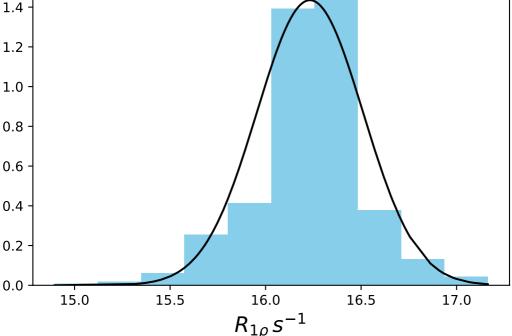
2.0

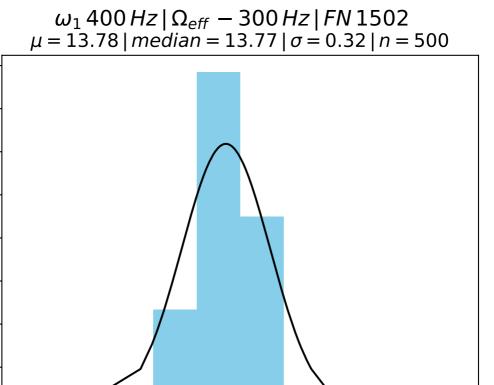
1.5

1.0

0.5







1.4

1.2

1.0

8.0

0.6

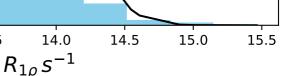
0.4

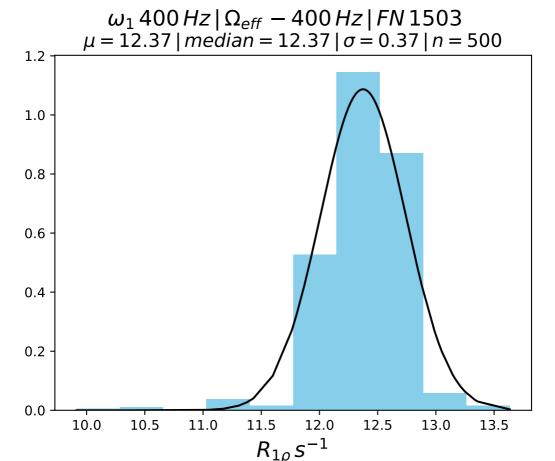
0.2

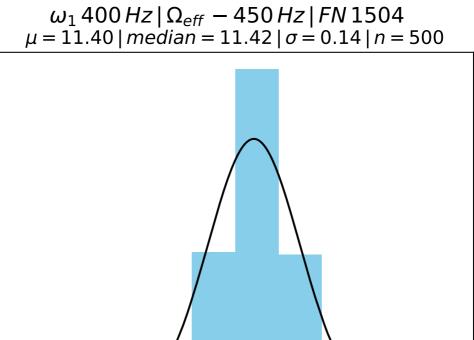
0.0

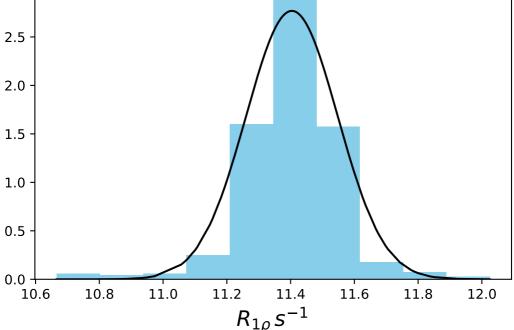
12.5

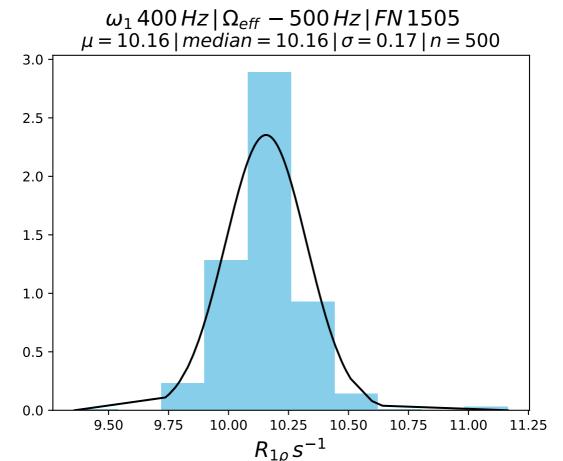
13.0



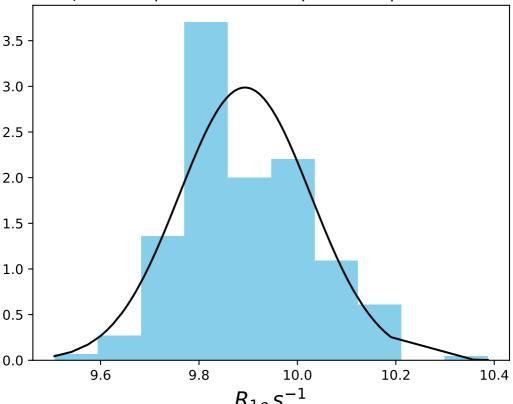


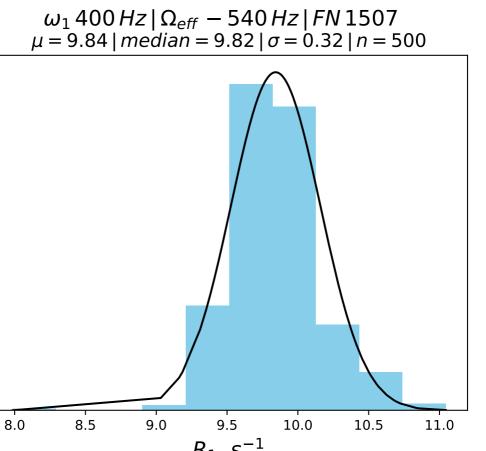






 $\omega_1 \, 400 \, Hz \, | \, \Omega_{eff} \, - \, 520 \, Hz \, | \, FN \, 1506$ $\mu = 9.89 \, | \, median = 9.86 \, | \, \sigma = 0.13 \, | \, n = 500$





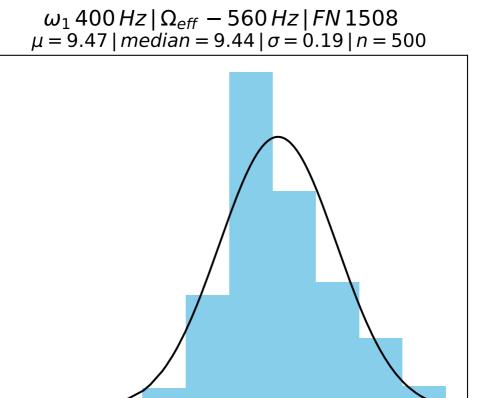
1.0

8.0

0.6

0.4

0.2



9.6

10.0

9.8

2.5

2.0

1.5

1.0

0.5

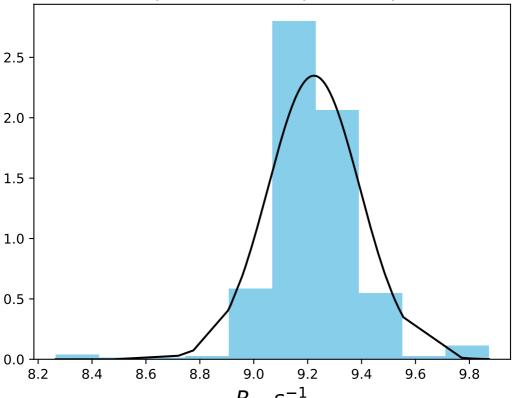
0.0

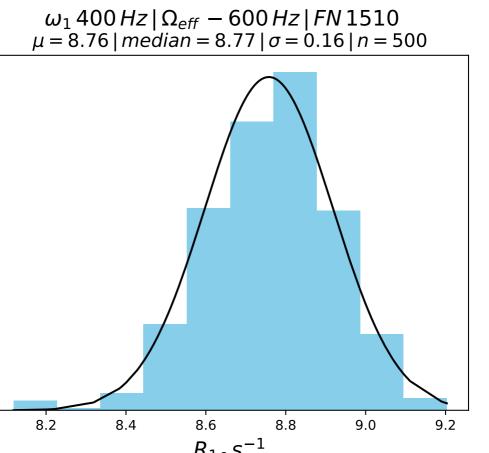
8.6

8.8

9.0

 $\omega_1 \, 400 \, Hz \, | \, \Omega_{eff} \, - \, 580 \, Hz \, | \, FN \, 1509$ $\mu = 9.22 \, | \, median = 9.21 \, | \, \sigma = 0.17 \, | \, n = 500$



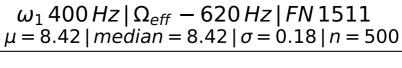


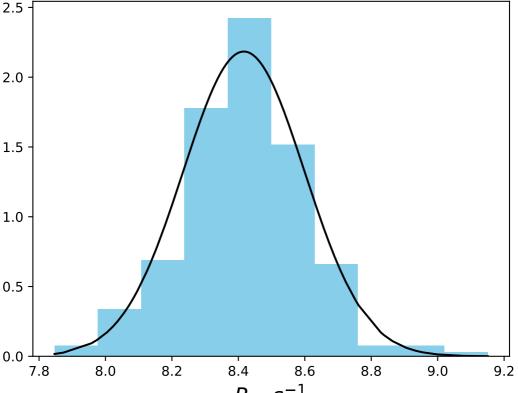
2.0

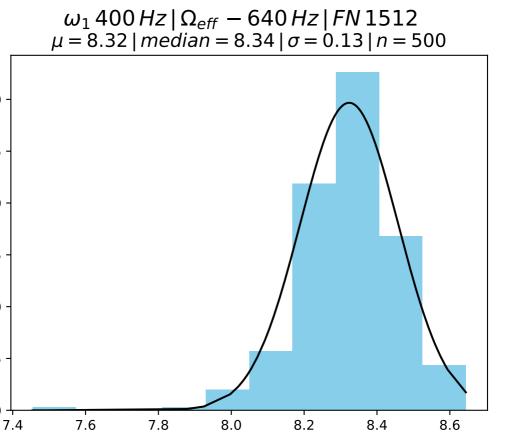
1.5

1.0

0.5







2.5

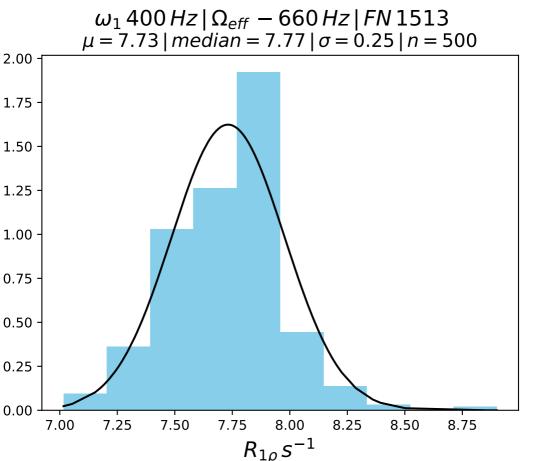
2.0

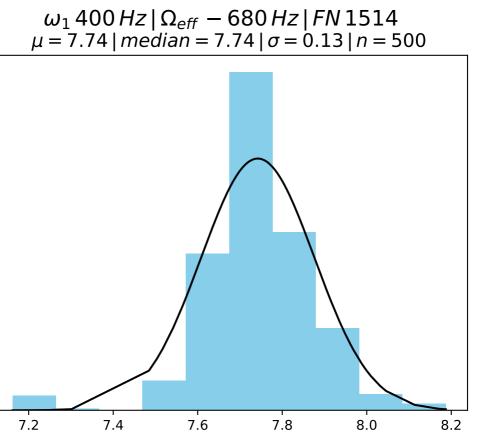
1.5

1.0

0.5

0.0 4





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

4.0

3.5

3.0

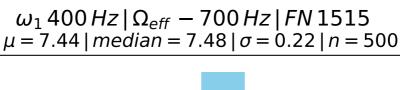
2.5

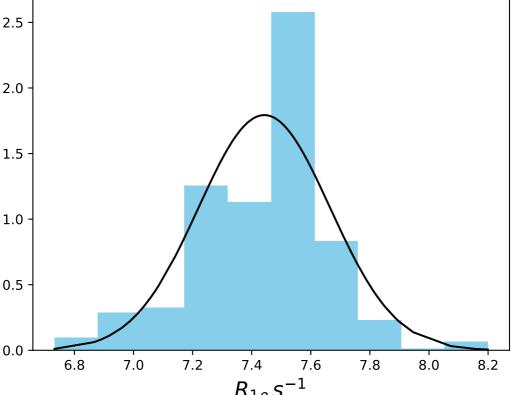
2.0

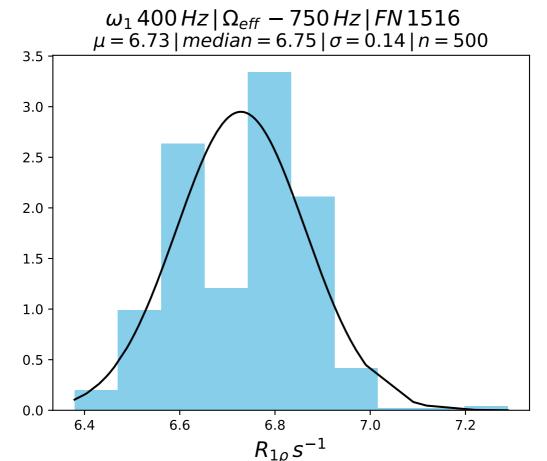
1.5

1.0

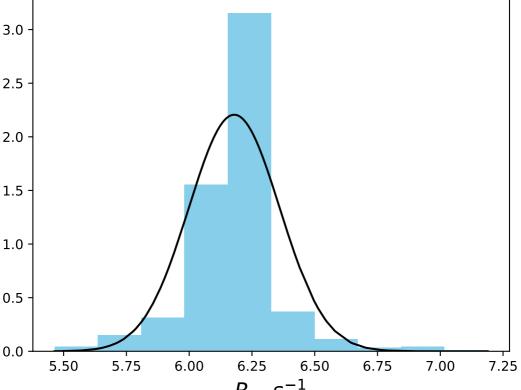
0.5

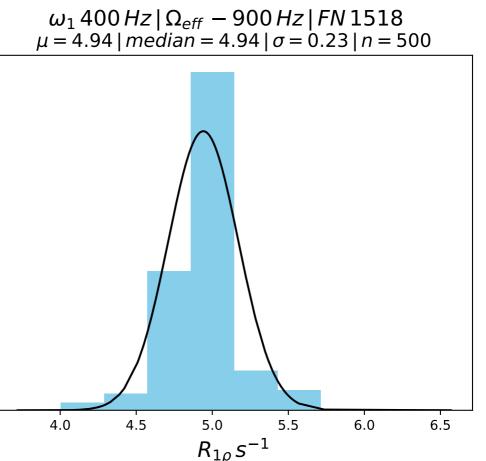












1.75

1.50

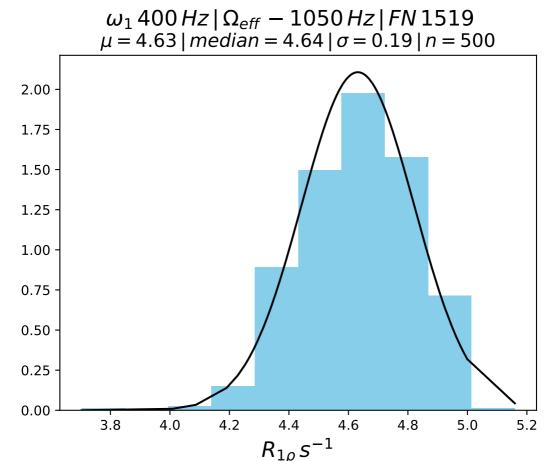
1.25

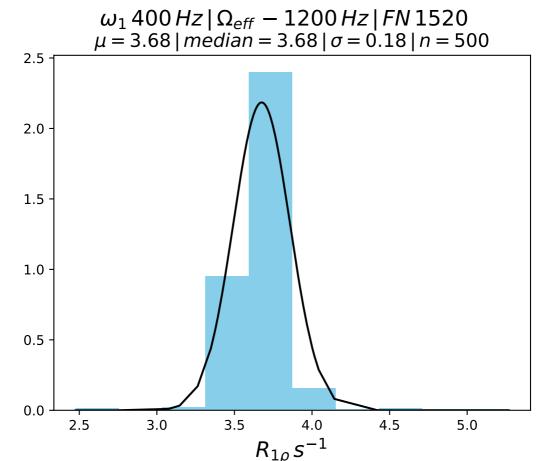
1.00

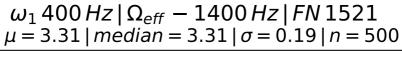
0.75

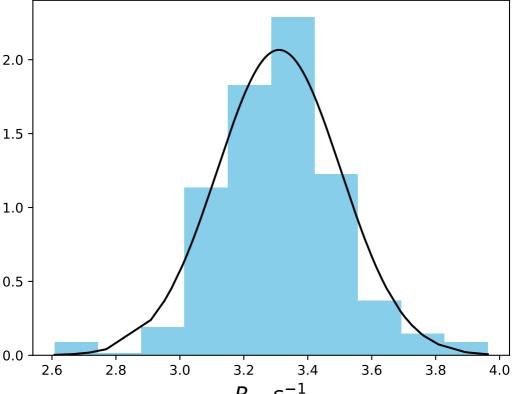
0.50

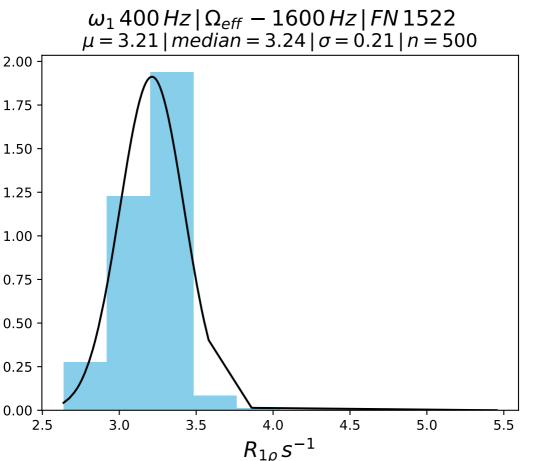
0.25

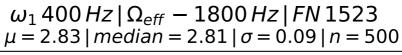


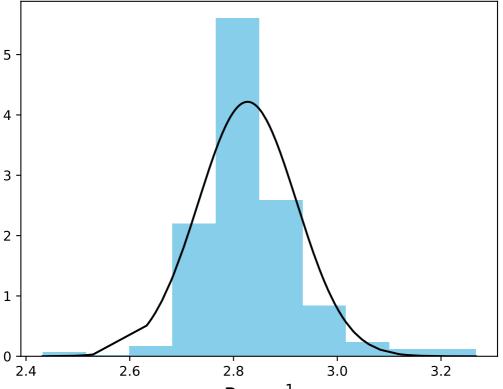


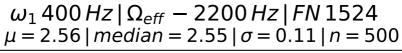


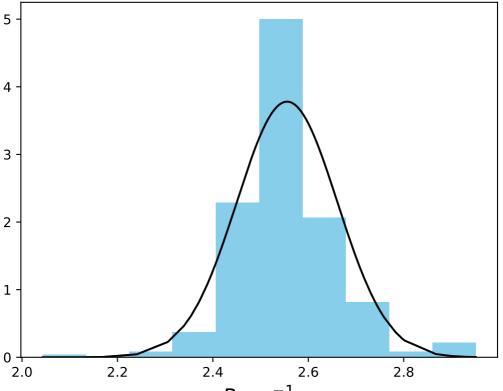


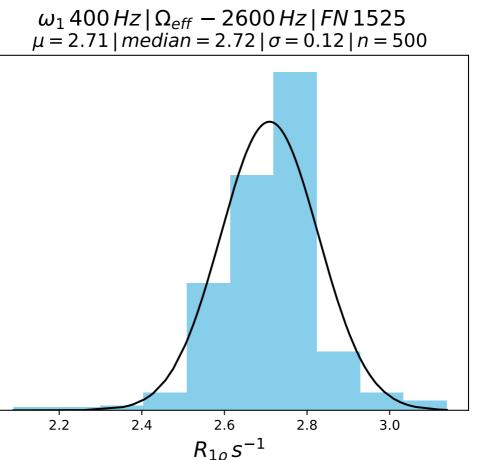












3.5

3.0

2.5

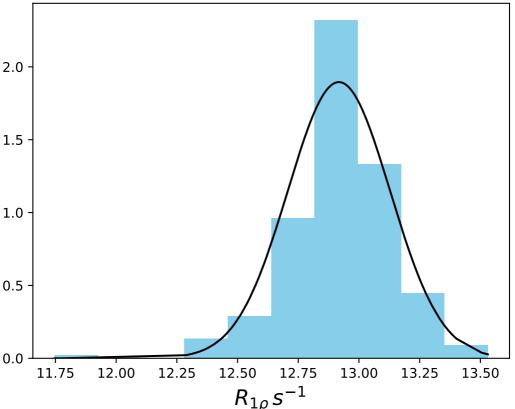
2.0

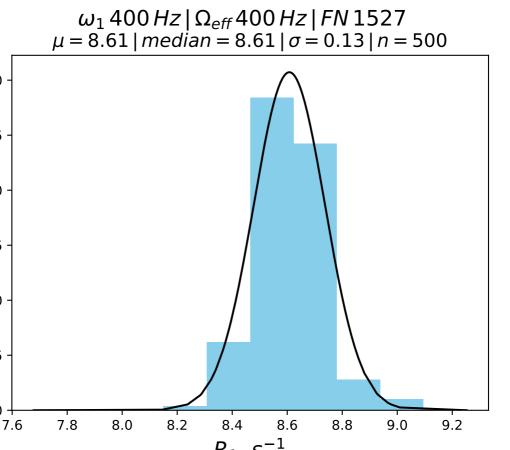
1.5

1.0

0.5

 $\omega_1 \, 400 \, Hz \, | \, \Omega_{eff} \, 200 \, Hz \, | \, FN \, 1526$ $\mu = 12.92 \, | \, median = 12.93 \, | \, \sigma = 0.21 \, | \, n = 500$





2.5

2.0

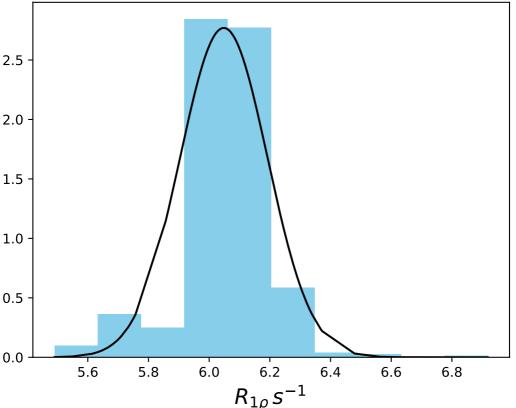
1.5

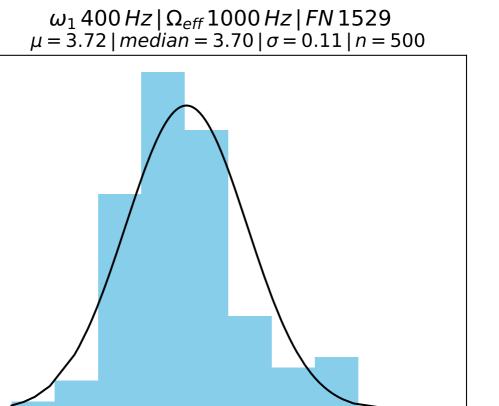
1.0

0.5

0.0 4

 $\omega_1 \, 400 \, Hz \, | \, \Omega_{eff} \, 600 \, Hz \, | \, FN \, 1528$ $\mu = 6.05 \, | \, median = 6.06 \, | \, \sigma = 0.14 \, | \, n = 500$





3.5

3.0

2.5

2.0

1.5

1.0

0.5

0.0

3.4

3.5

3.6

3.7

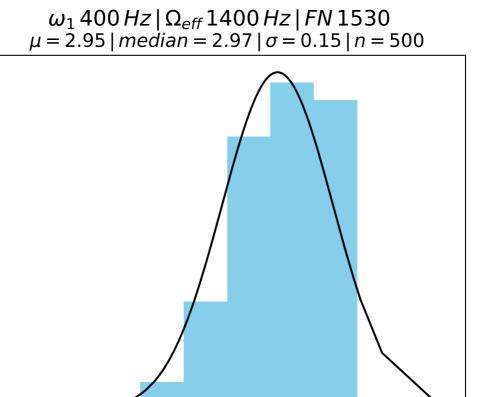
3.8

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

3.9

4.0

4.1



2.0

1.5

1.0

0.5

0.0

2.2

2.4

2.6

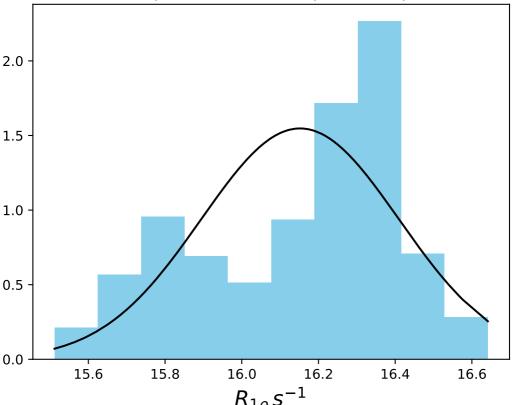


3.0

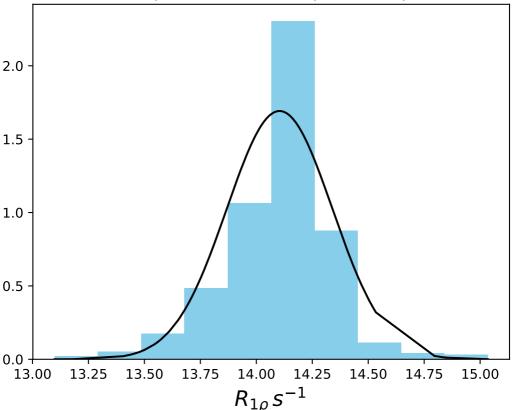
3.4

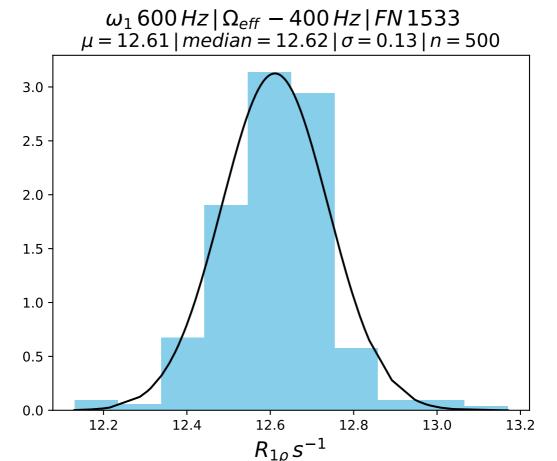
3.2

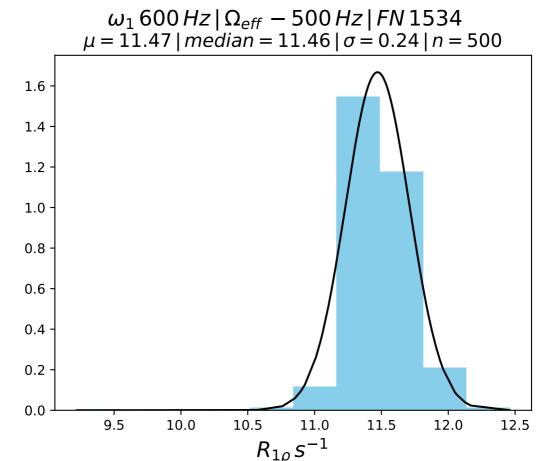
 $\omega_1 \, 600 \, Hz \, | \, \Omega_{eff} \, - \, 200 \, Hz \, | \, FN \, 1531$ $\mu = 16.15 \, | \, median = 16.22 \, | \, \sigma = 0.26 \, | \, n = 500$



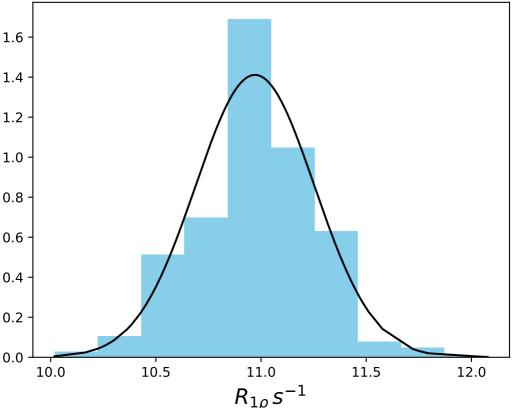
 $\omega_1 600 \, Hz \, | \, \Omega_{eff} - 300 \, Hz \, | \, FN \, 1532$ $\mu = 14.10 \, | \, median = 14.12 \, | \, \sigma = 0.24 \, | \, n = 500$



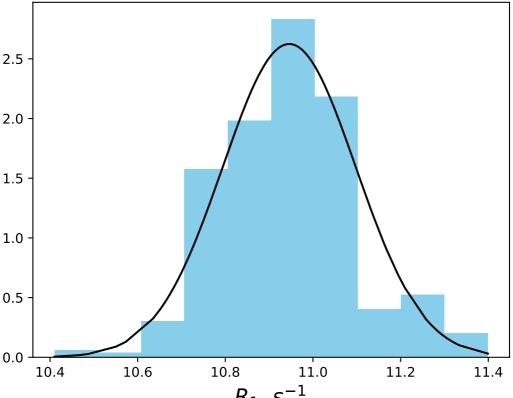


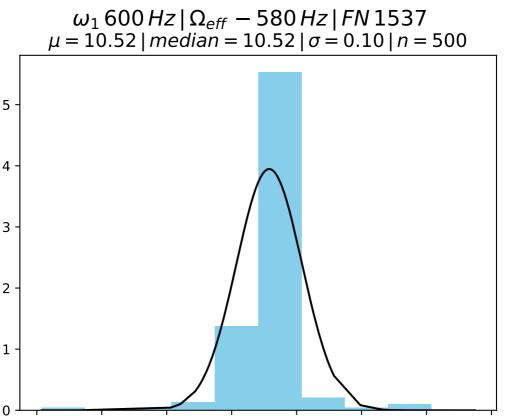


 $\omega_1 \, 600 \, Hz \, | \, \Omega_{eff} \, - \, 530 \, Hz \, | \, FN \, 1535$ $\mu = 10.97 \, | \, median = 11.00 \, | \, \sigma = 0.28 \, | \, n = 500$



 $\omega_1 \, 600 \, Hz \, | \, \Omega_{eff} \, - \, 560 \, Hz \, | \, FN \, 1536$ $\mu = 10.95 \, | \, median = 10.95 \, | \, \sigma = 0.15 \, | \, n = 500$





10.0

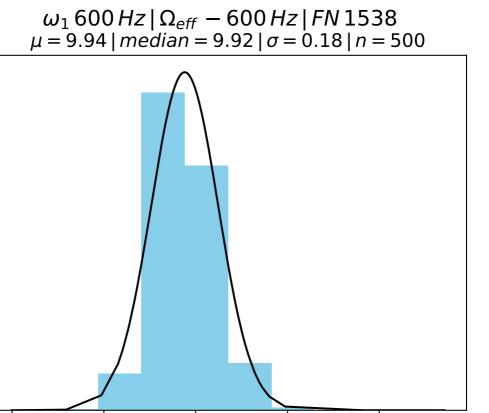
10.2

10.4

10.8

10.6

11.0



11.0

10.0

2.0

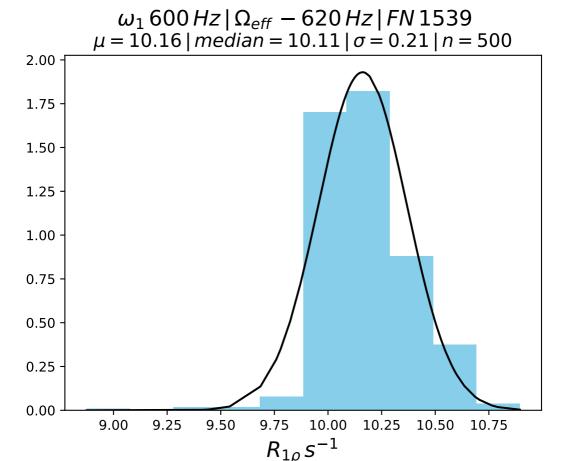
1.5

1.0

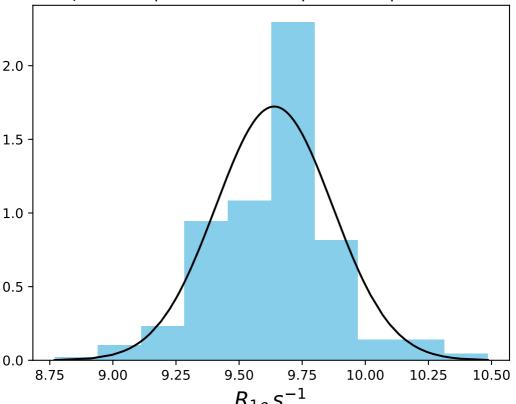
0.5

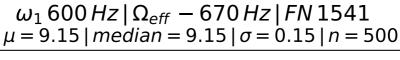
0.0

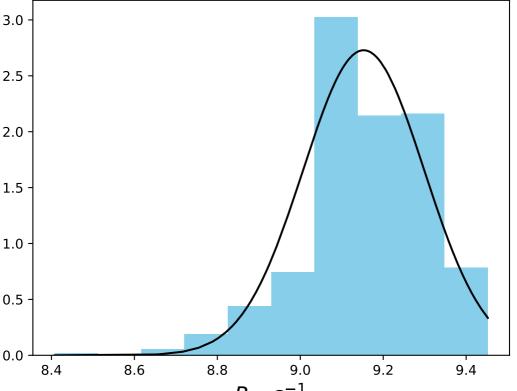
9.0

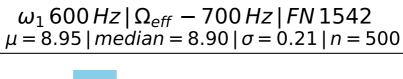


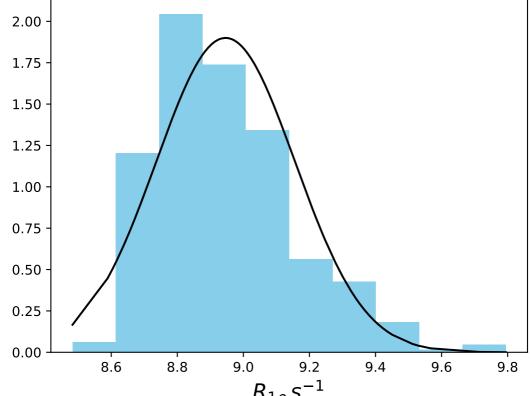
 $\omega_1 \, 600 \, Hz \, | \, \Omega_{eff} \, - \, 640 \, Hz \, | \, FN \, 1540$ $\mu = 9.64 \, | \, median = 9.67 \, | \, \sigma = 0.23 \, | \, n = 500$

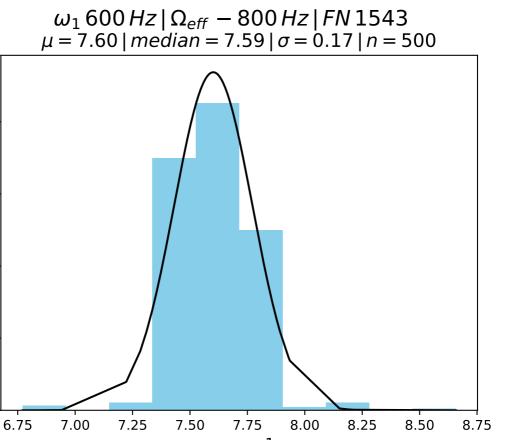








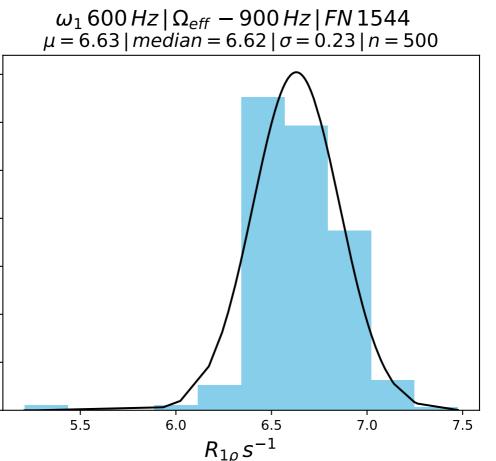




1.5

1.0

0.5



1.50

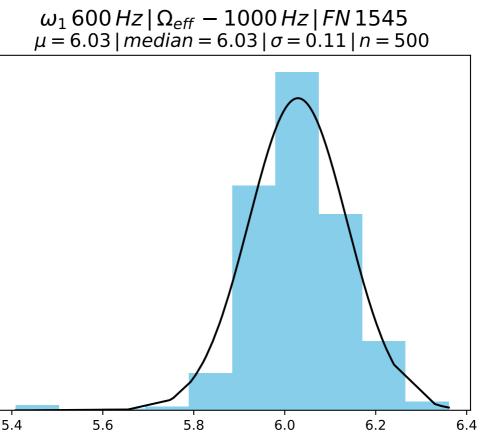
1.25

1.00

0.75

0.50

0.25



3.5

3.0

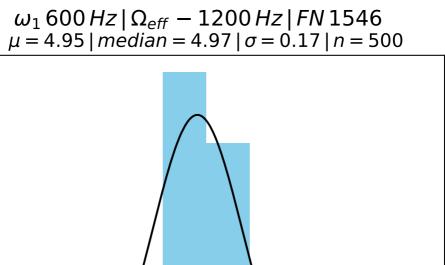
2.5

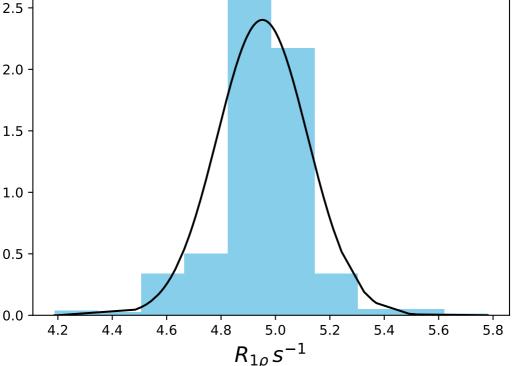
2.0

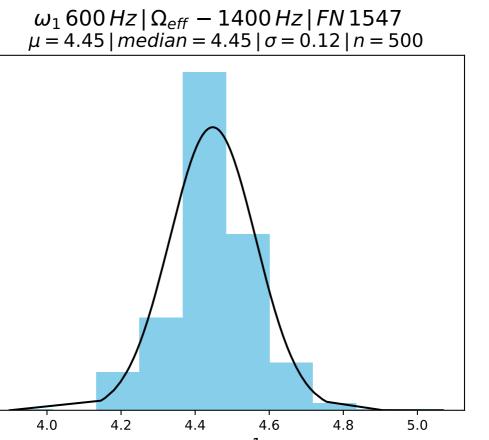
1.5

1.0

0.5







3.5

3.0

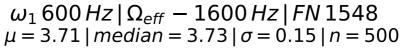
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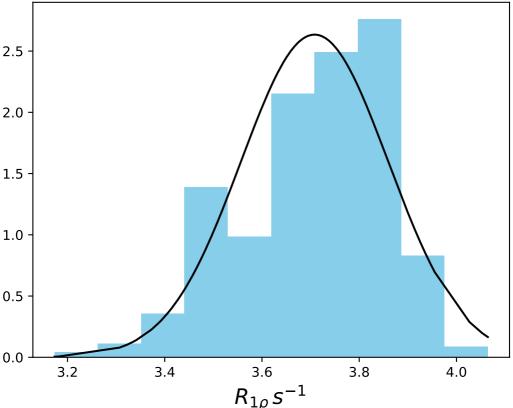
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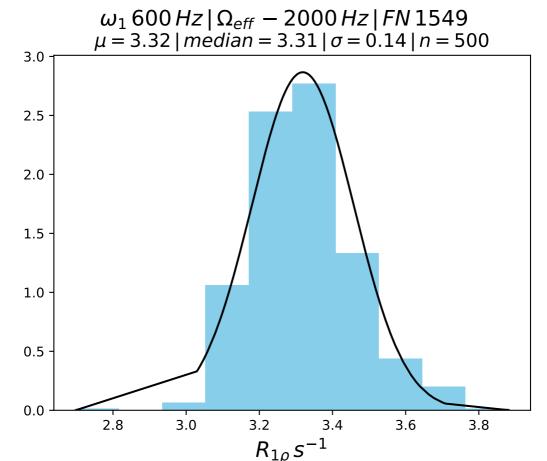
1.5

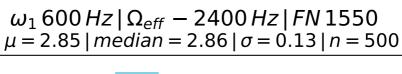
1.0

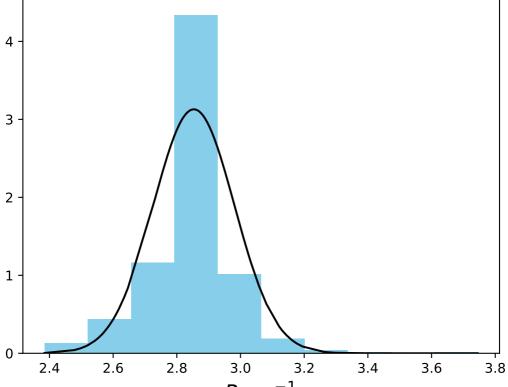
0.5

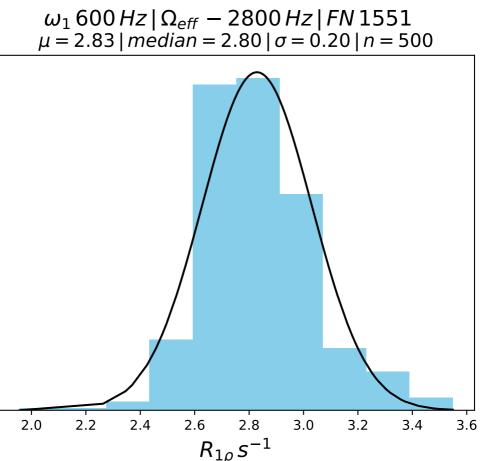












1.75

1.50

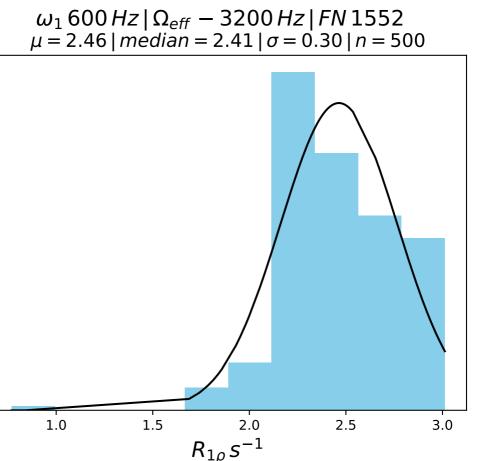
1.25

1.00

0.75

0.50

0.25



1.2

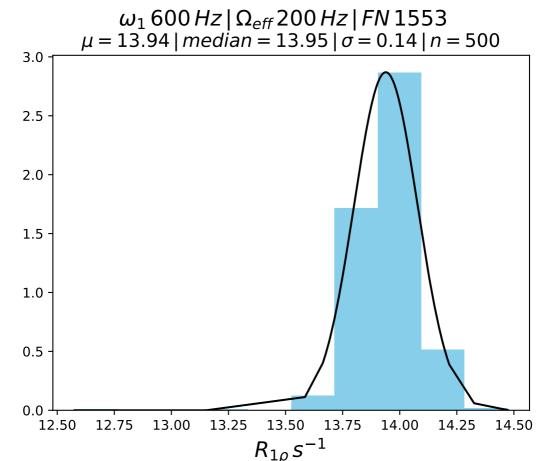
1.0

8.0

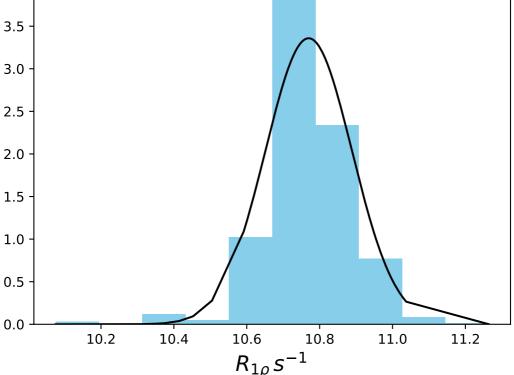
0.6

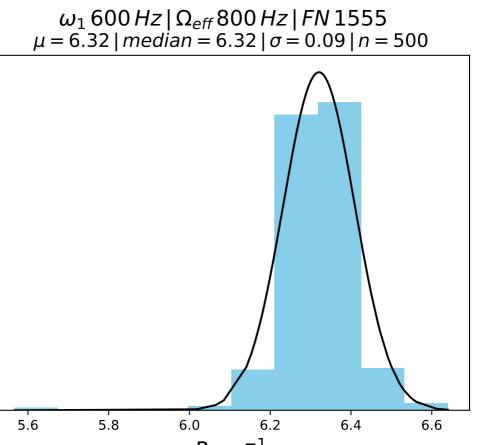
0.4

0.2

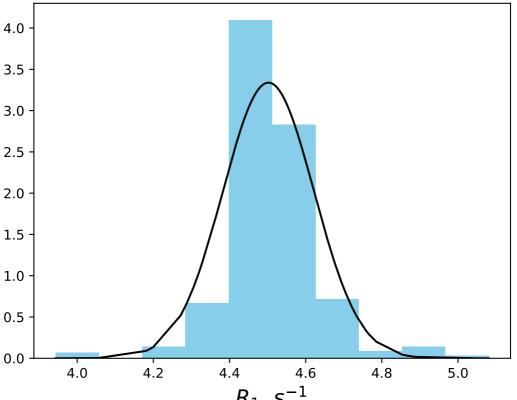


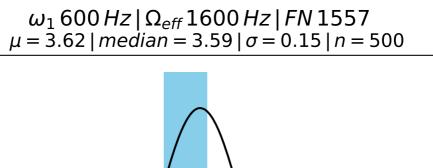
 $\omega_1 \, 600 \, Hz \, | \, \Omega_{eff} \, 400 \, Hz \, | \, FN \, 1554$ $\mu = 10.77 \, | \, median = 10.77 \, | \, \sigma = 0.12 \, | \, n = 500$

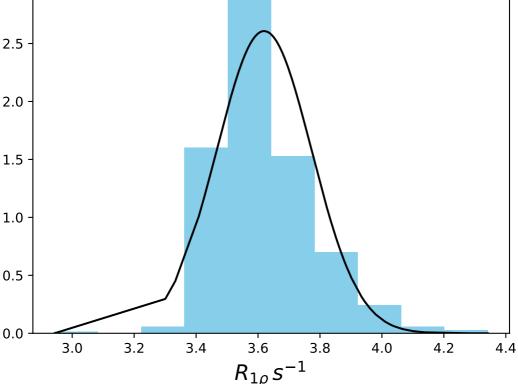


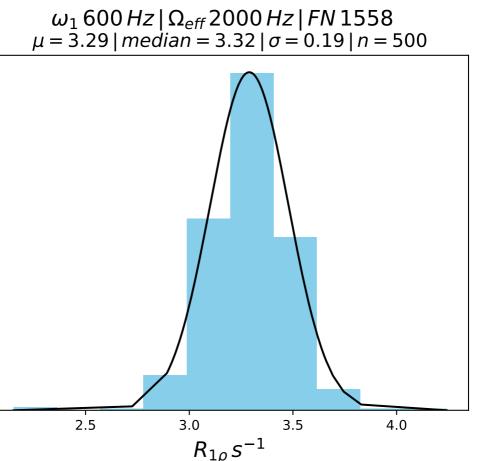


 $\omega_1 \, 600 \, Hz \, | \, \Omega_{eff} \, 1200 \, Hz \, | \, FN \, 1556$ $\mu = 4.50 \, | \, median = 4.49 \, | \, \sigma = 0.12 \, | \, n = 500$









1.75

1.50

1.25

1.00

0.75

0.50

0.25

