

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

0.14

0.12

0.10

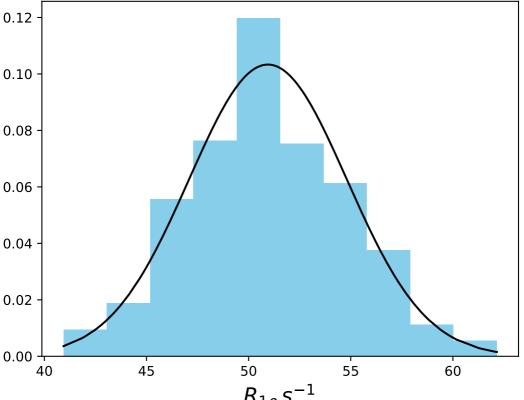
0.08

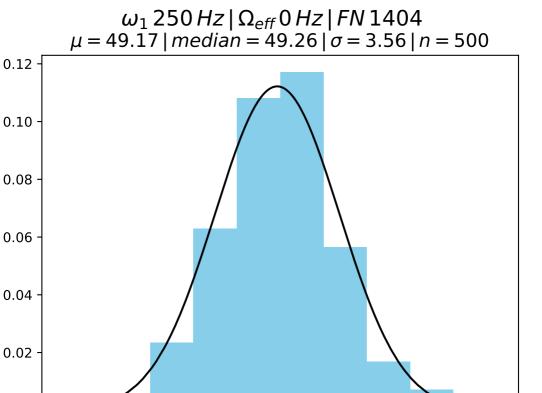
0.06

0.04

0.02

 $\omega_1 \, 200 \, Hz \, | \, \Omega_{eff} \, 0 \, Hz \, | \, FN \, 1403$ $\mu = 50.94 \, | \, median = 50.81 \, | \, \sigma = 3.86 \, | \, n = 500$





50

55

60

0.10

0.08

0.06

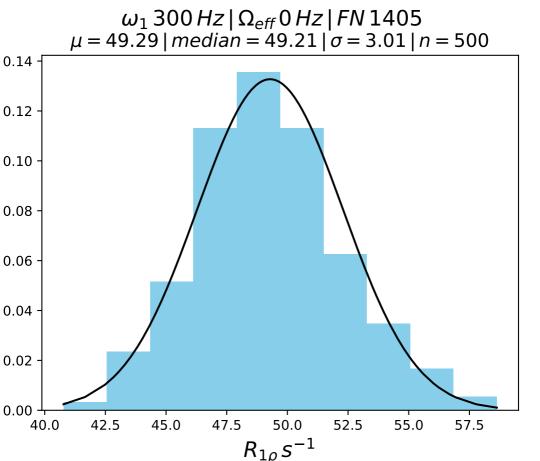
0.04

0.02

0.00

40

45



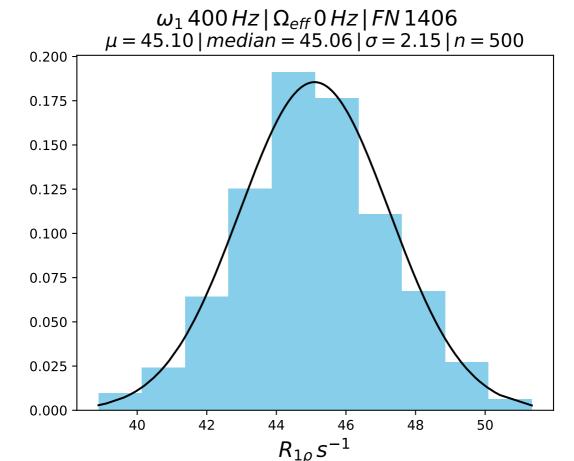
0.10

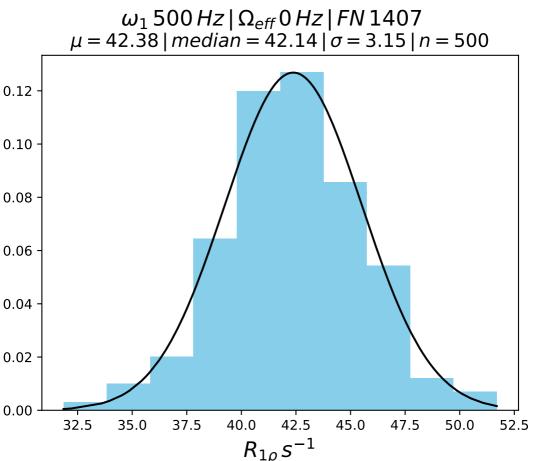
0.08

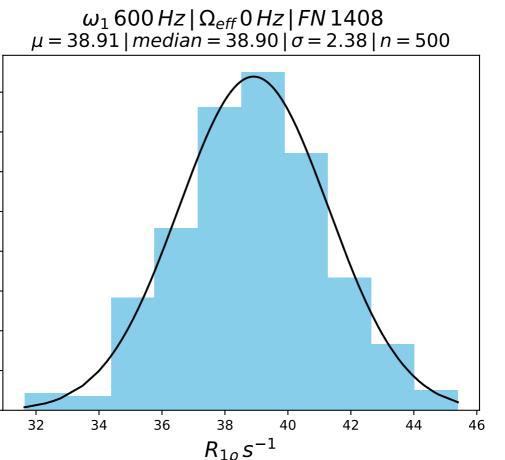
0.06

0.04

0.02







0.14 -

0.12

0.10

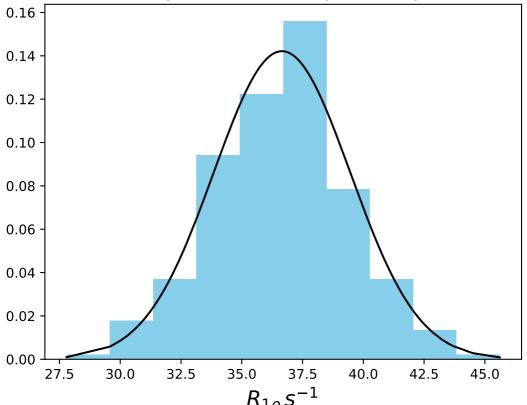
0.08

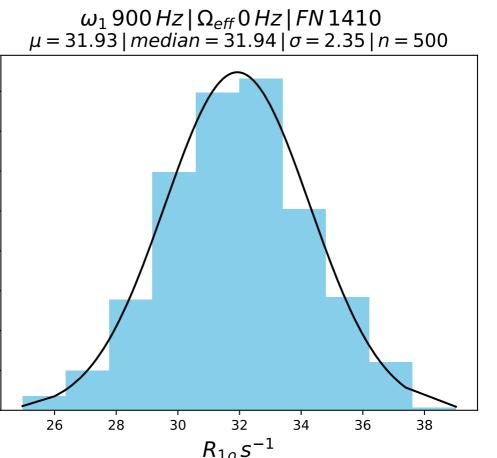
0.06

0.04 -

0.02

 $\omega_1 700 \, Hz \, | \, \Omega_{eff} \, 0 \, Hz \, | \, FN \, 1409$ $\mu = 36.65 \, | \, median = 36.76 \, | \, \sigma = 2.81 \, | \, n = 500$





0.14

0.12

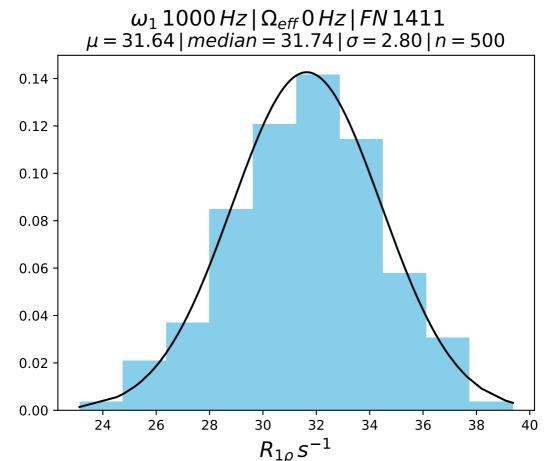
0.10

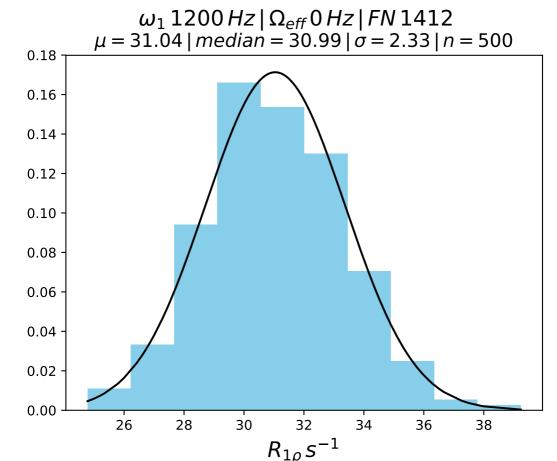
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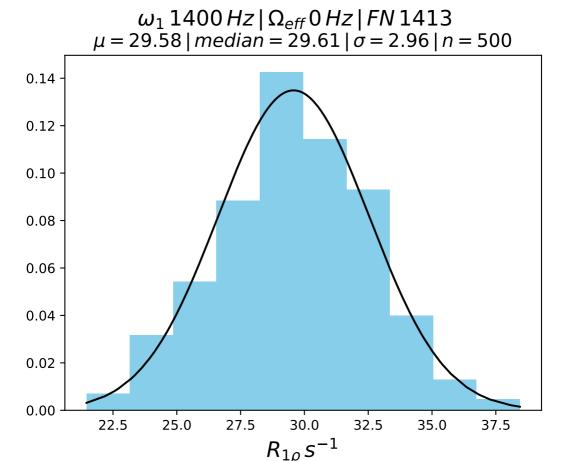
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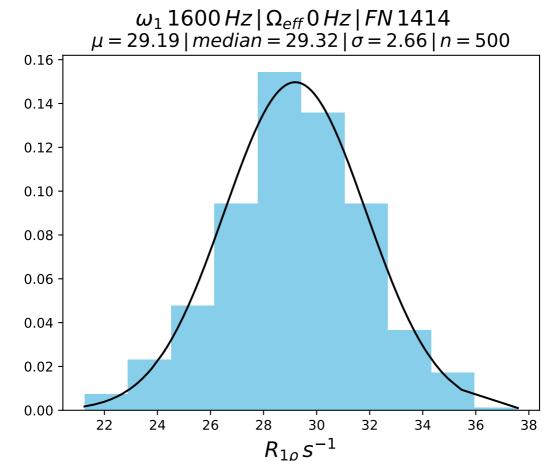
0.04

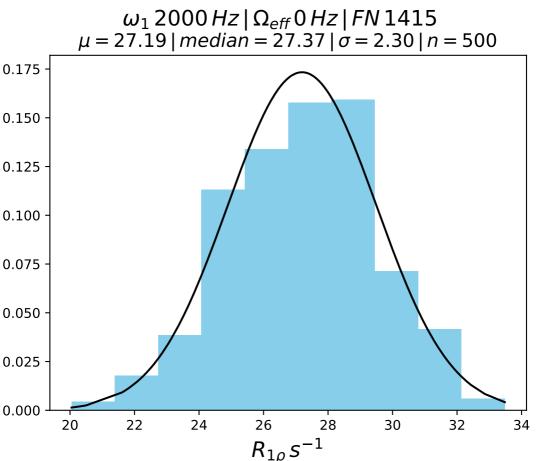
0.02











 $\omega_1 \, 2500 \, Hz \, | \, \Omega_{eff} \, 0 \, Hz \, | \, FN \, 1416$ $\mu = 26.46 \, | \, median = 26.32 \, | \, \sigma = 2.62 \, | \, n = 500$

0.14

0.12

0.10

0.08

0.06

0.04

0.02

0.00

18

20

22

24

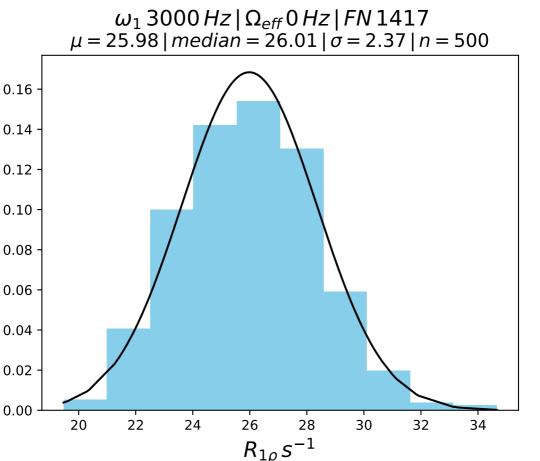
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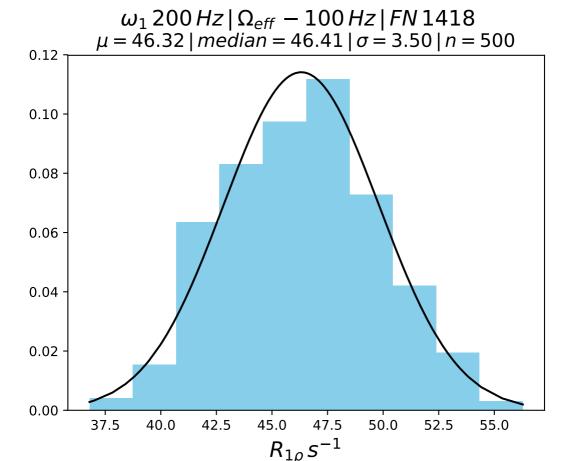
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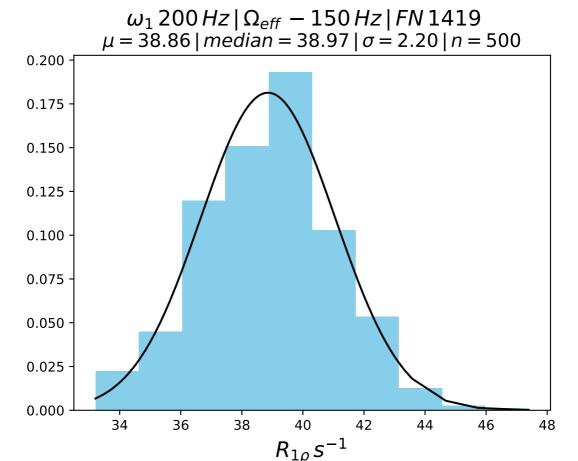
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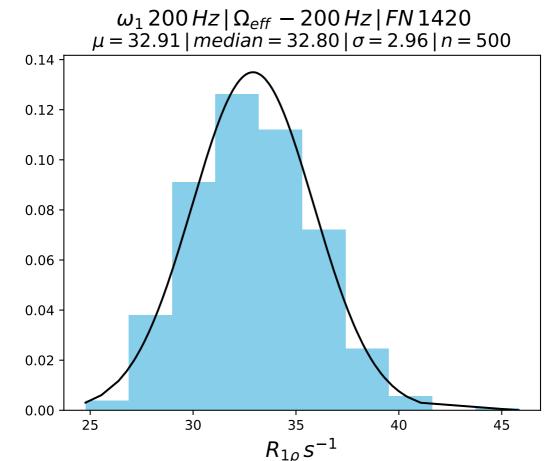
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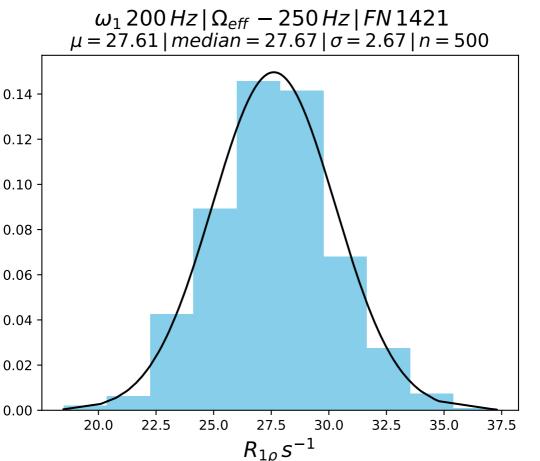
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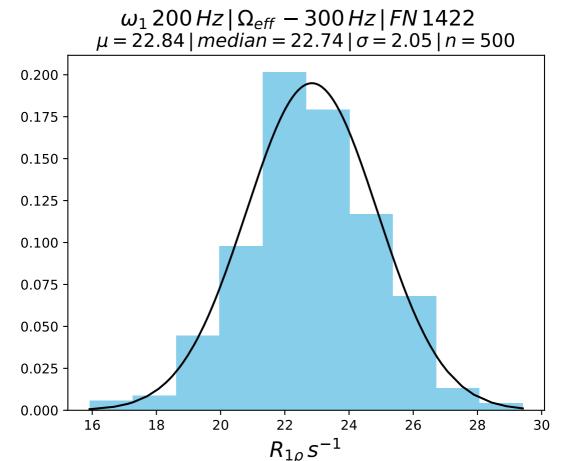


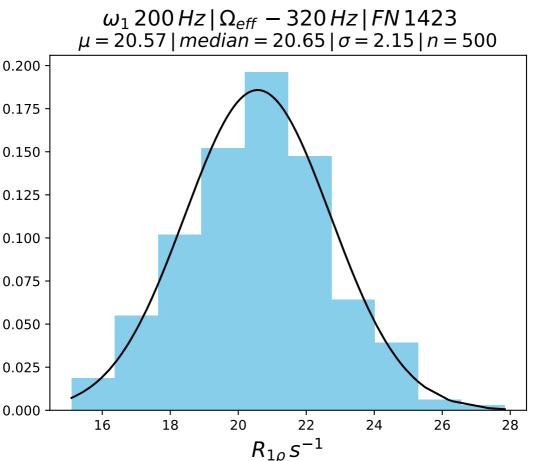


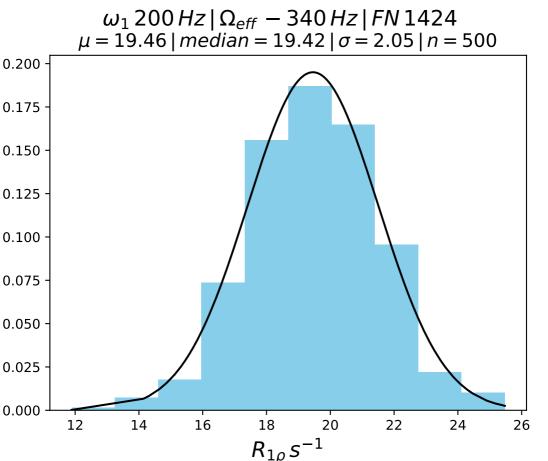


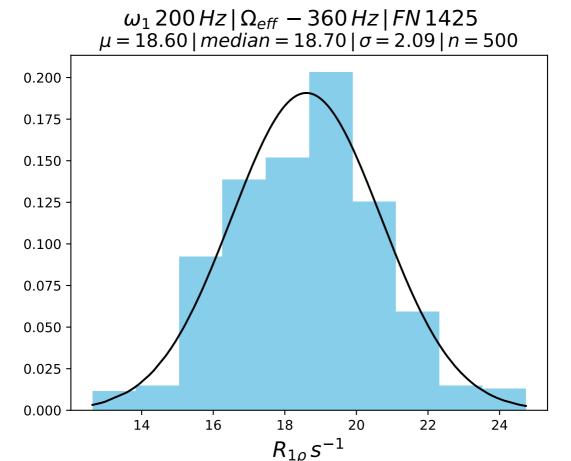


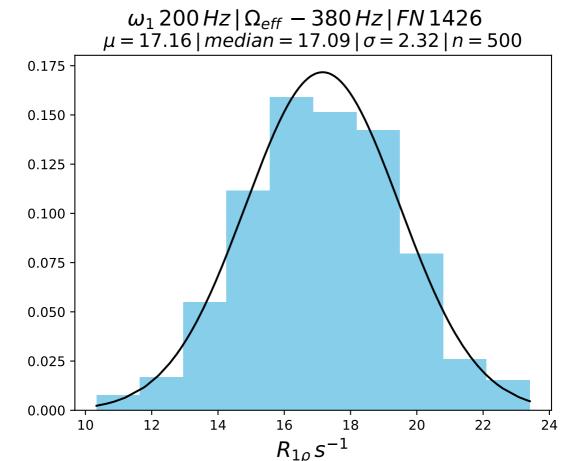


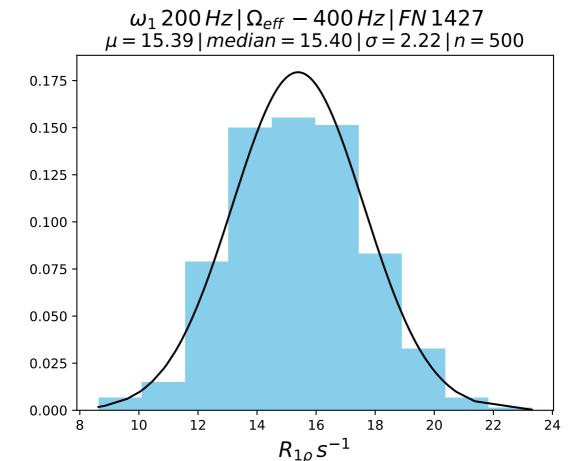


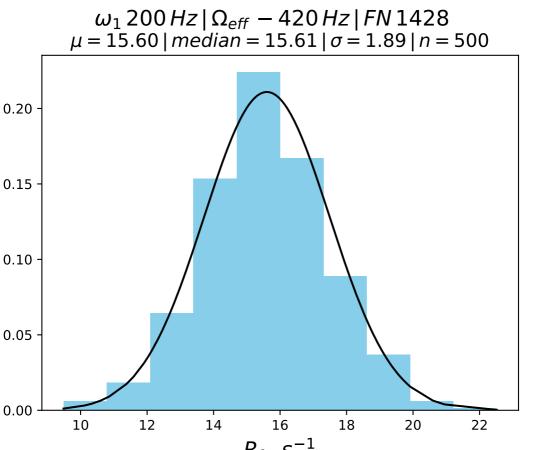


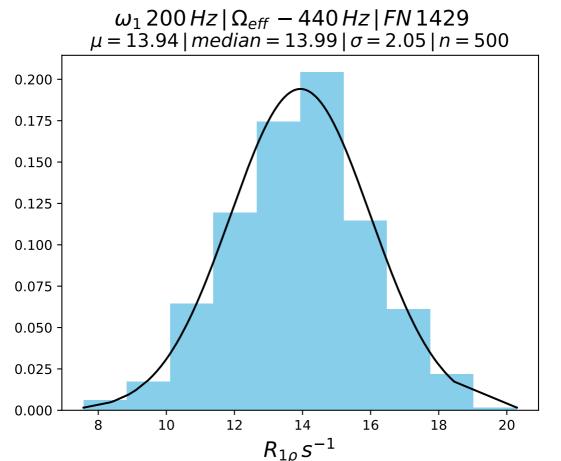


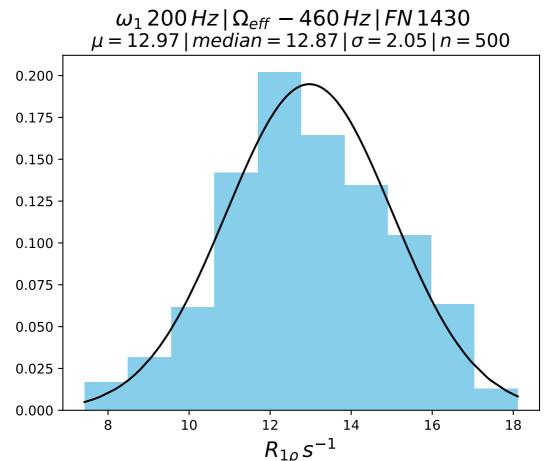


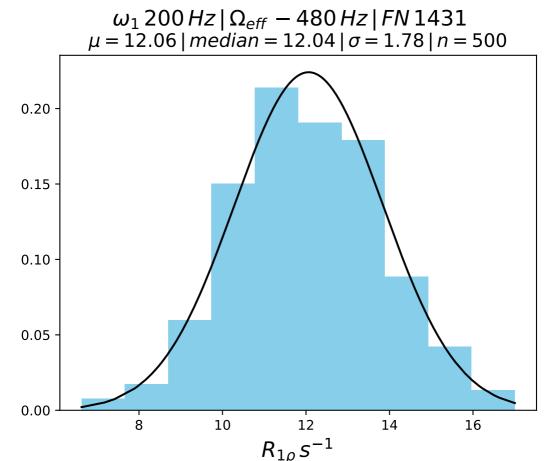


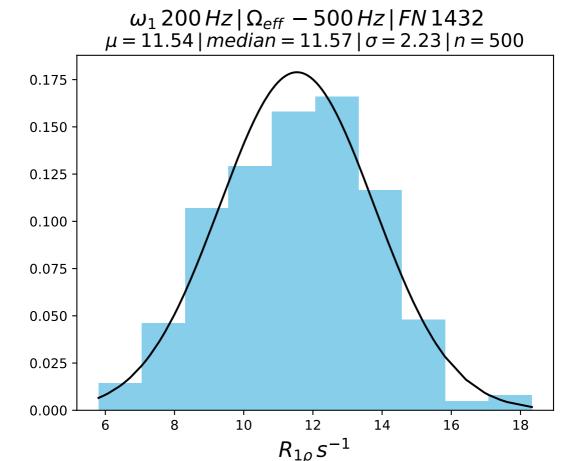


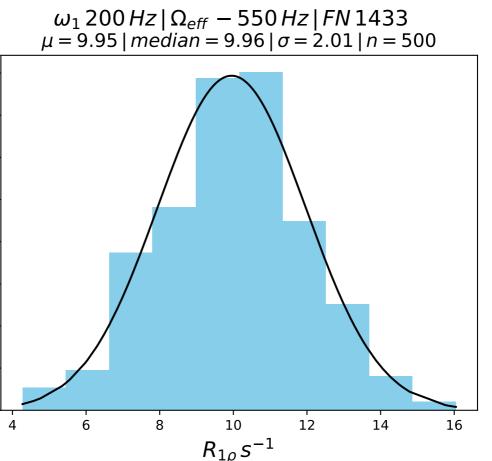












0.175

0.150

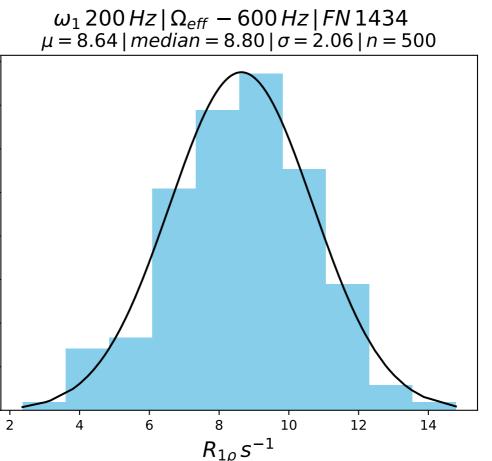
0.125

0.100

0.075

0.050

0.025



0.175

0.150

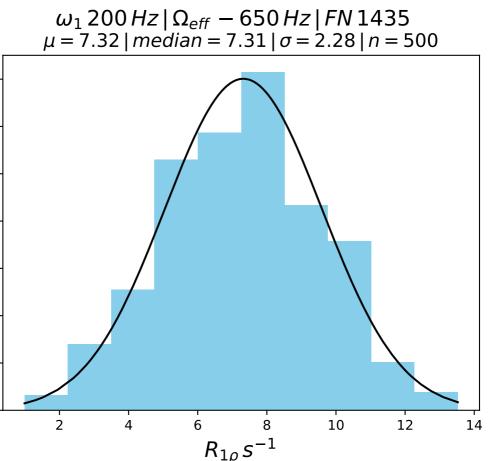
0.125

0.100 -

0.075

0.050

0.025



0.150

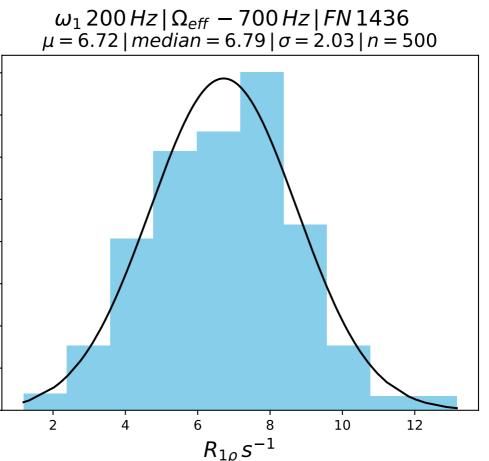
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0.100

0.075

0.050

0.025



0.175

0.150

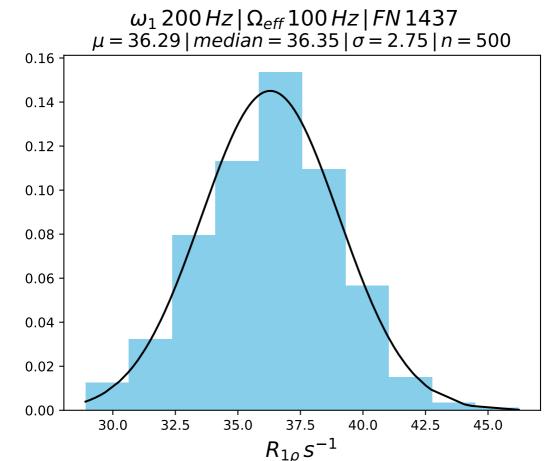
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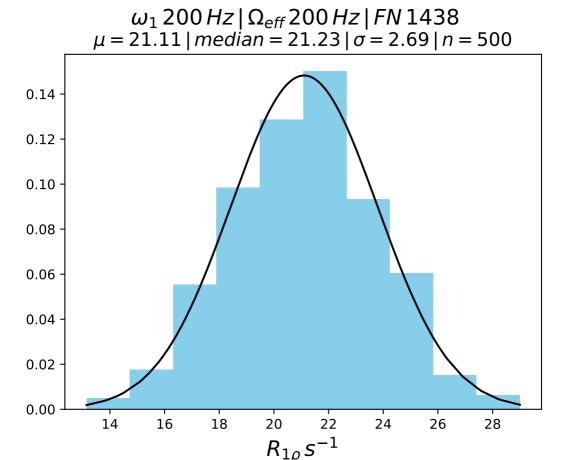
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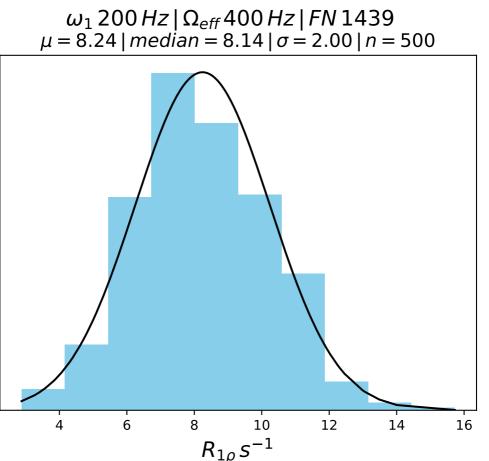
0.075

0.050

0.025







0.175

0.150

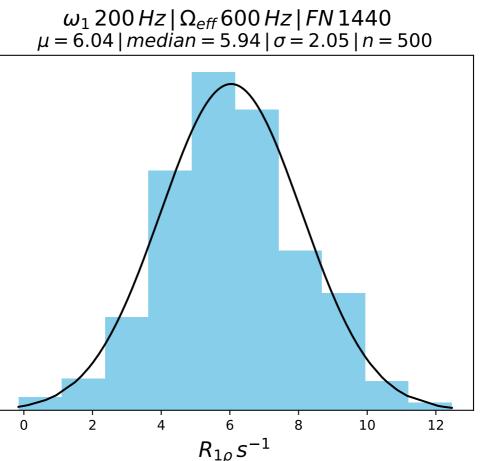
0.125 -

0.100

0.075

0.050

0.025



0.175

0.150

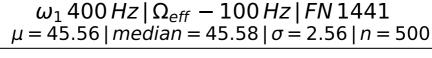
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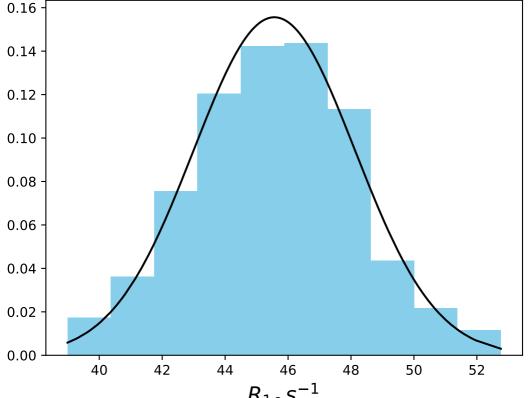
0.100

0.075

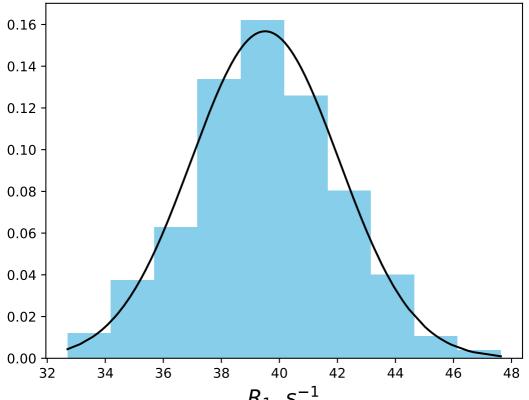
0.050

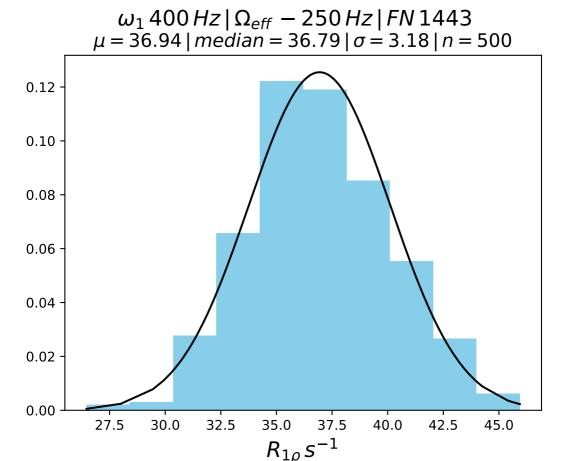
0.025

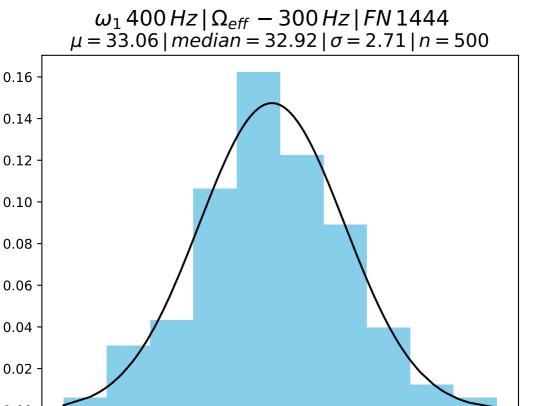




 $\omega_1 \, 400 \, Hz \, | \, \Omega_{eff} \, - \, 200 \, Hz \, | \, FN \, 1442$ $\mu = 39.51 \, | \, median = 39.38 \, | \, \sigma = 2.55 \, | \, n = 500$



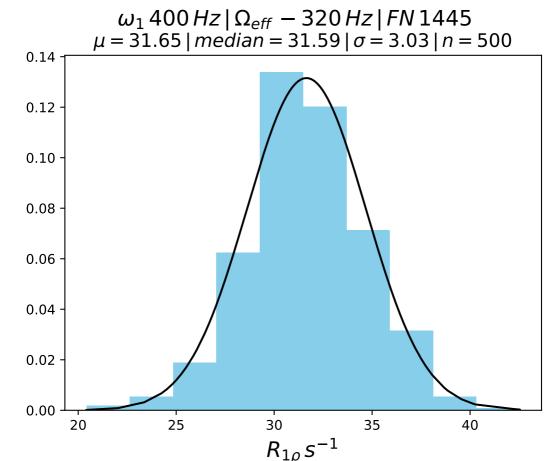


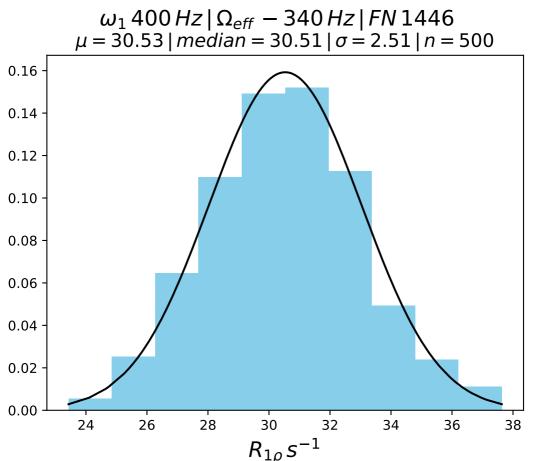


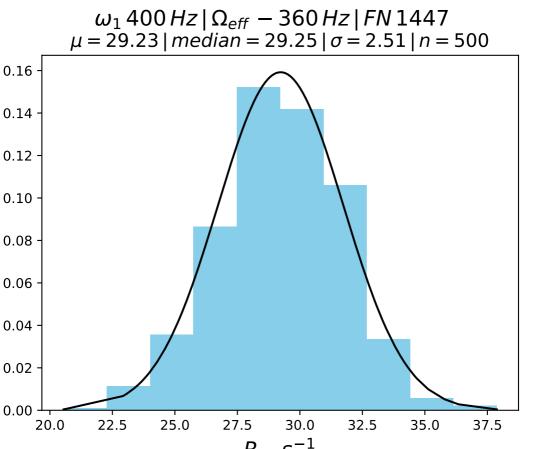
0.12

0.02

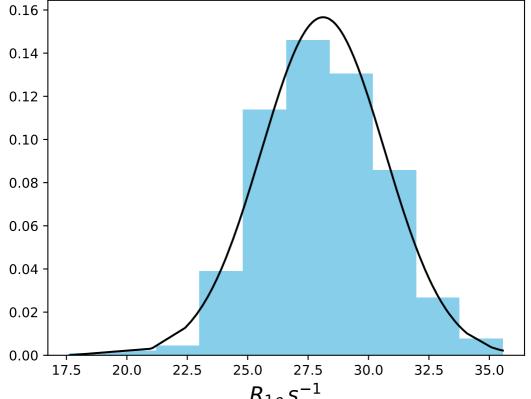
0.00

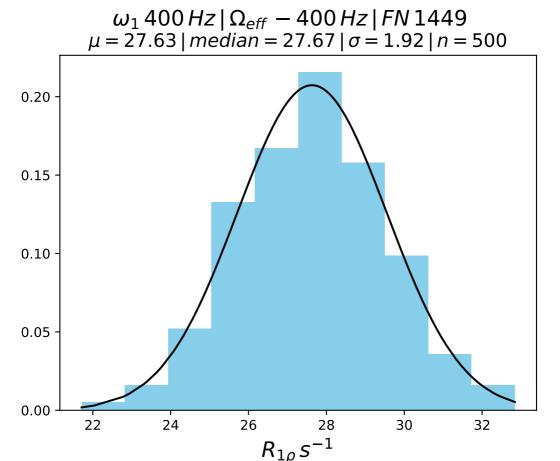


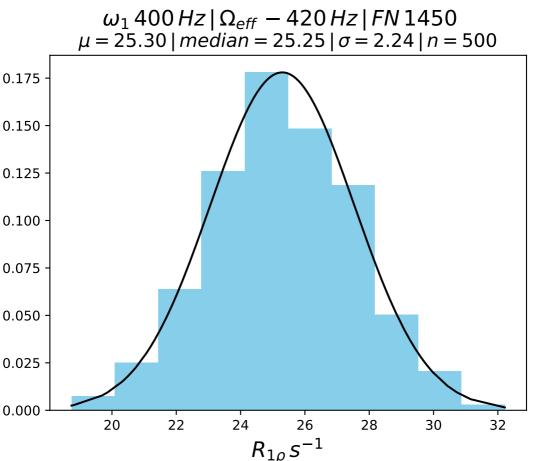


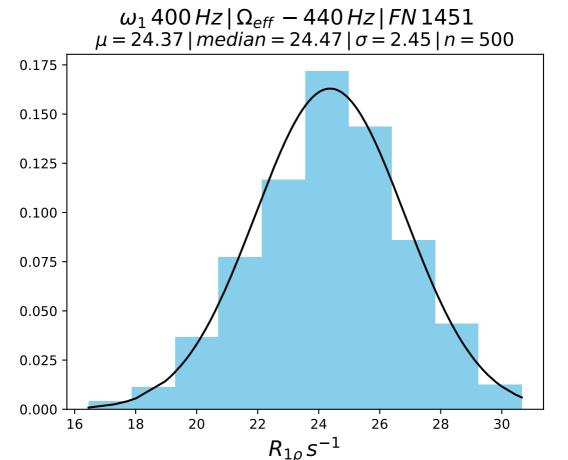


 $\omega_1 \, 400 \, Hz \, | \, \Omega_{eff} \, - \, 380 \, Hz \, | \, FN \, 1448$ $\mu = 28.12 \, | \, median = 28.12 \, | \, \sigma = 2.55 \, | \, n = 500$









 $\omega_1 400 \, Hz \, | \, \Omega_{eff} - 460 \, Hz \, | \, FN \, 1452$ $\mu = 22.11 \mid median = 22.17 \mid \sigma = 2.46 \mid n = 500$

0.16

0.14

0.12

0.10

0.08

0.06

0.04 -

0.02

0.00

16

18

20

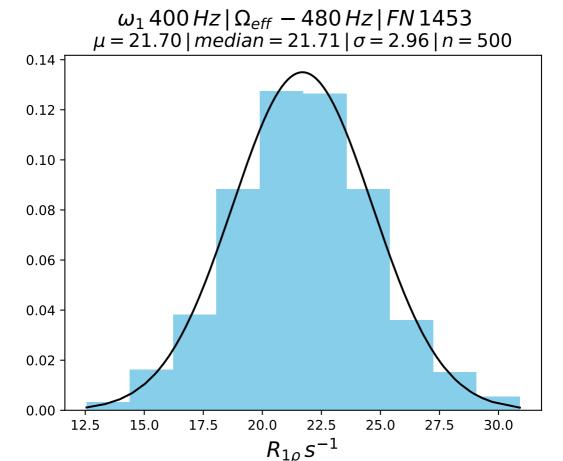
22

24

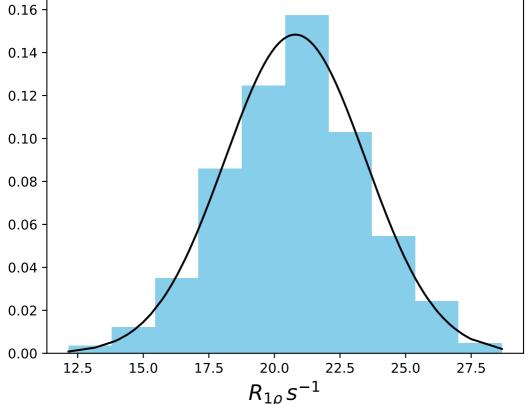
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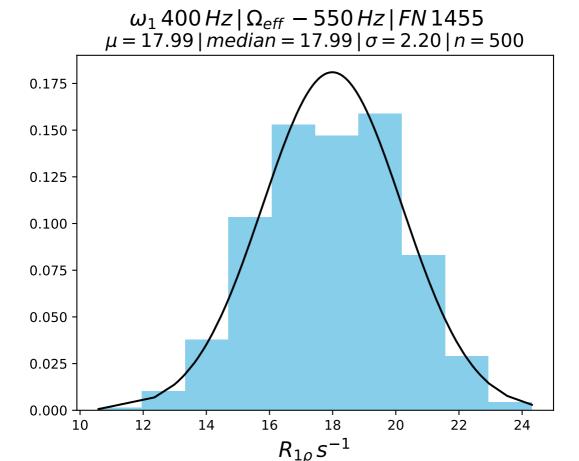
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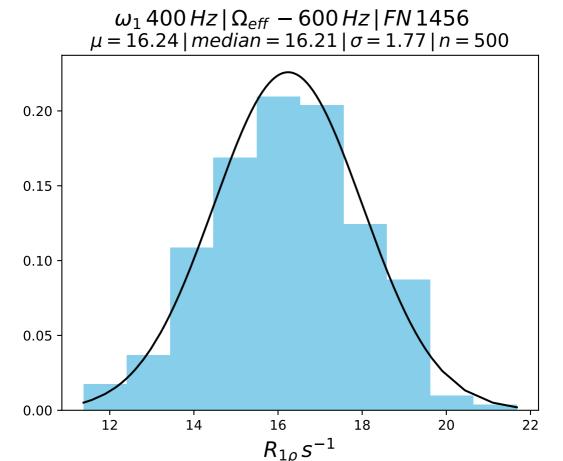
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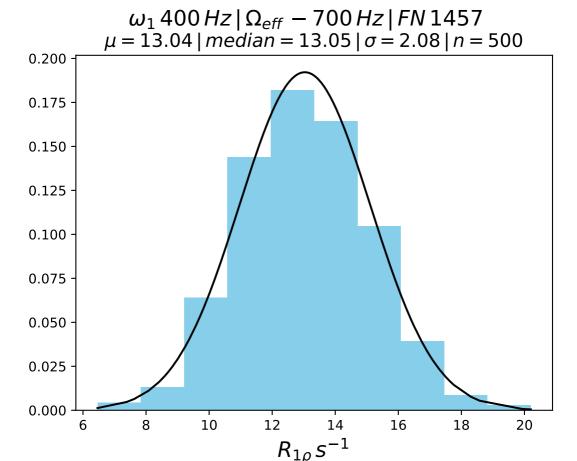


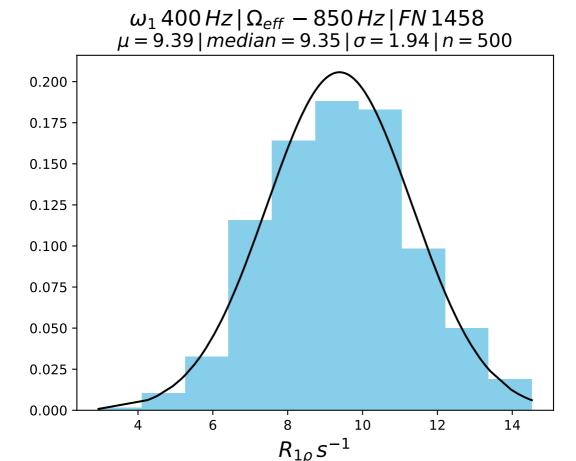
 $\omega_1 \, 400 \, Hz \, | \, \Omega_{eff} \, - \, 500 \, Hz \, | \, FN \, 1454$ $\mu = 20.79 \, | \, median = 20.84 \, | \, \sigma = 2.69 \, | \, n = 500$

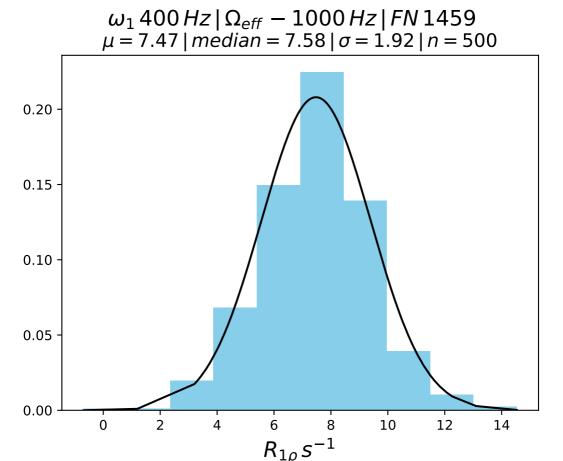


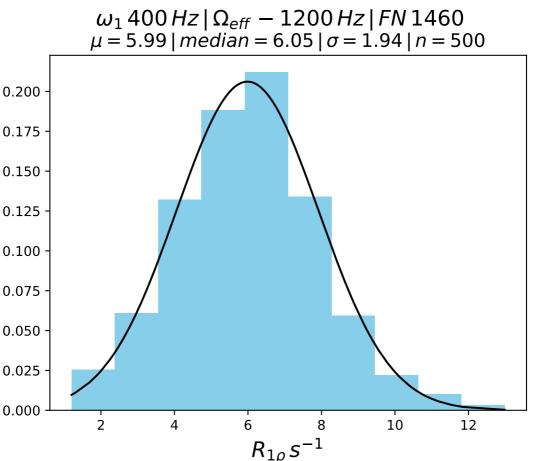


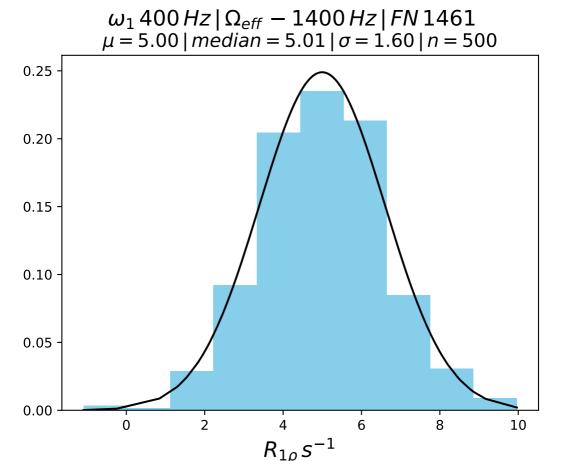












 $\omega_1 400 Hz \mid \Omega_{eff} 50 Hz \mid FN 1462$ $\mu = 41.59 \, | \, median = 41.60 \, | \, \sigma = 3.01 \, | \, n = 500$ 32.5 35.0 37.5 40.0 45.0 50.0 42.5 47.5

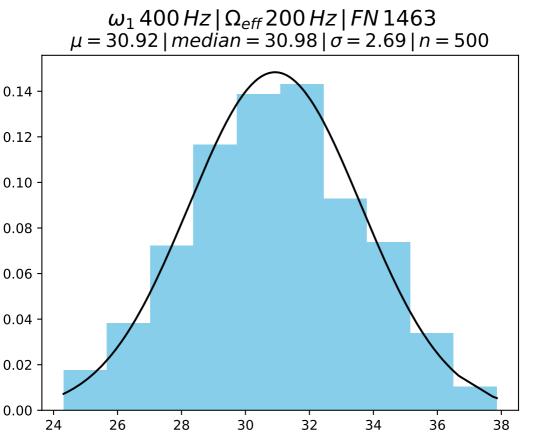
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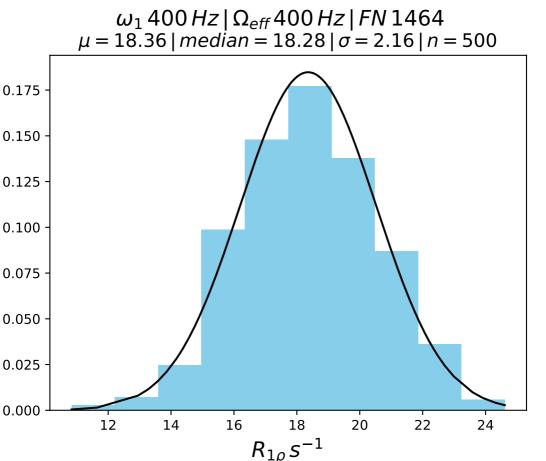
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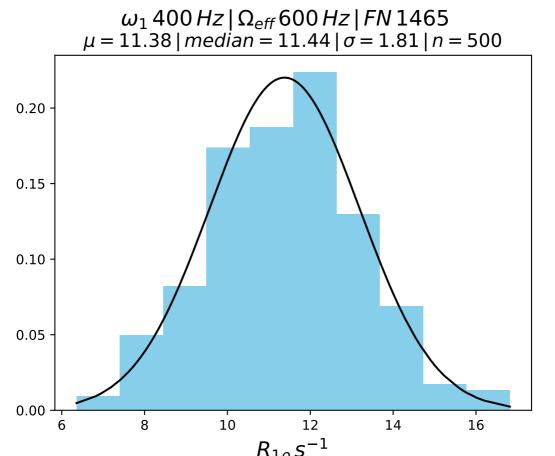
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0.04

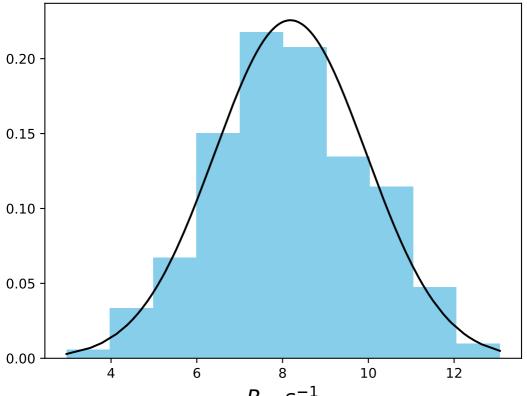
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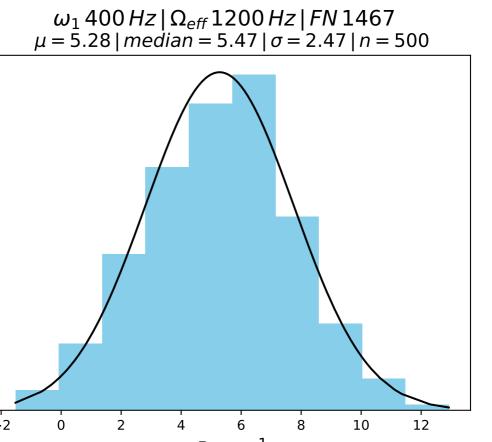






 $\omega_1 \, 400 \, Hz \, | \, \Omega_{eff} \, 800 \, Hz \, | \, FN \, 1466$ $\mu = 8.18 \, | \, median = 8.16 \, | \, \sigma = 1.77 \, | \, n = 500$





0.14

0.12

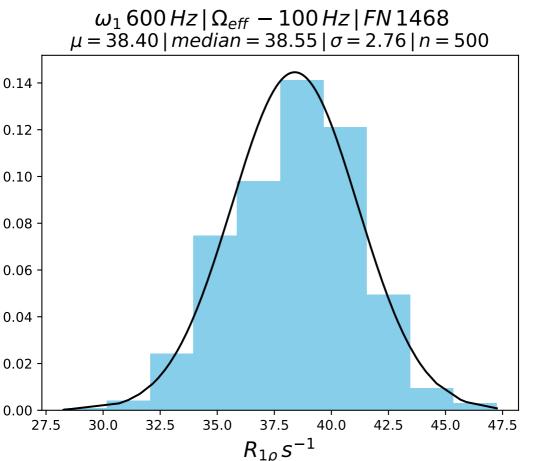
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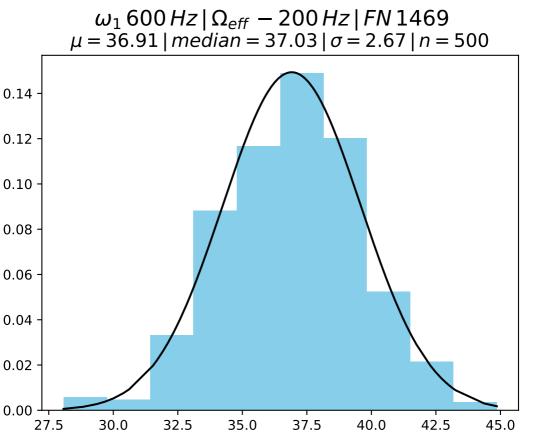
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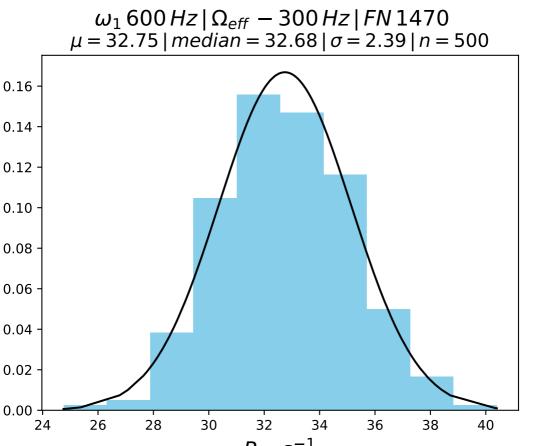
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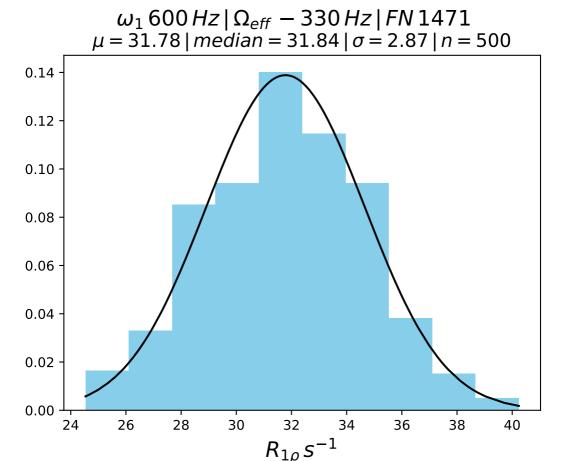
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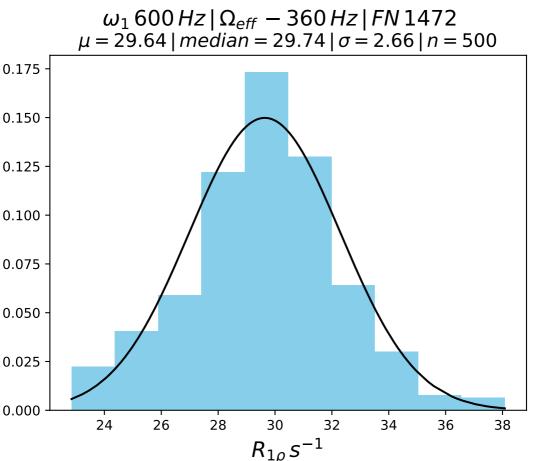
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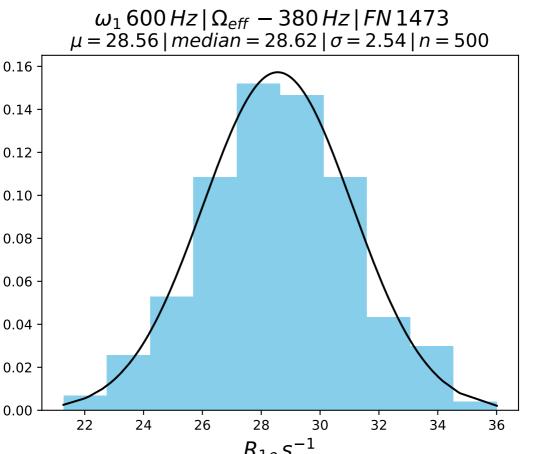


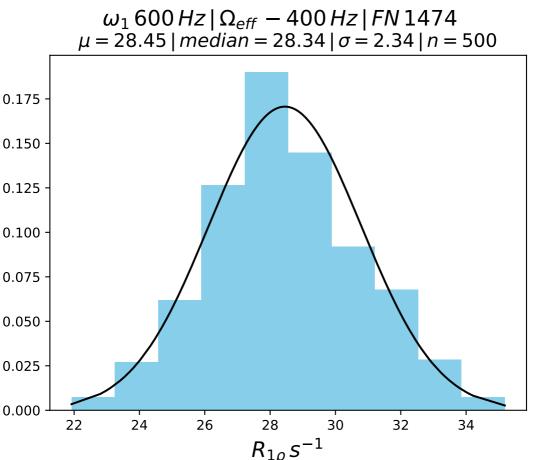




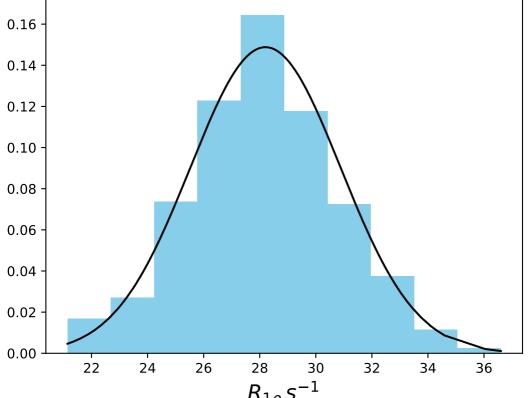


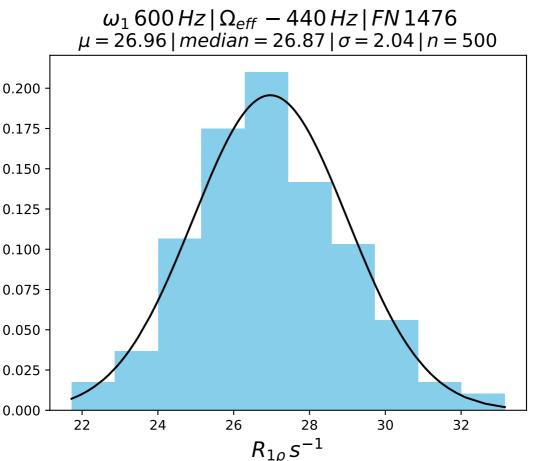


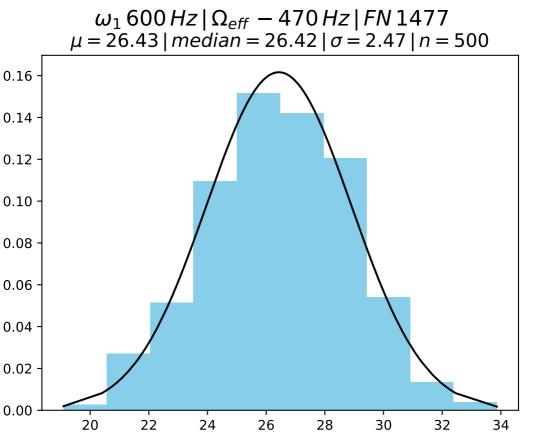




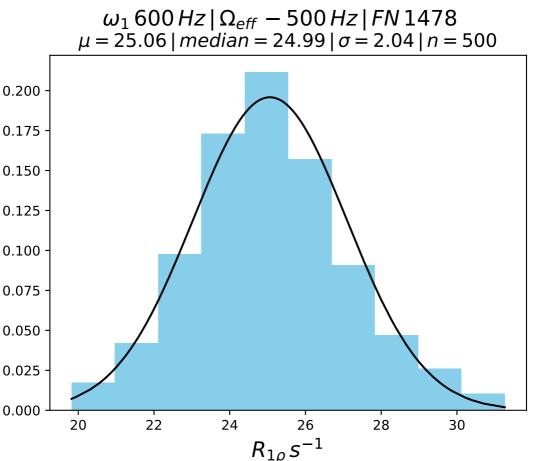
 $\omega_1 600 \, Hz \, | \, \Omega_{eff} - 420 \, Hz \, | \, FN \, 1475$ $\mu = 28.20 \, | \, median = 28.10 \, | \, \sigma = 2.68 \, | \, n = 500$

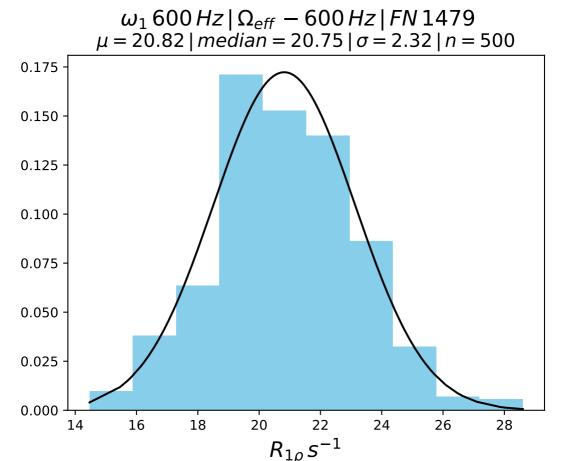


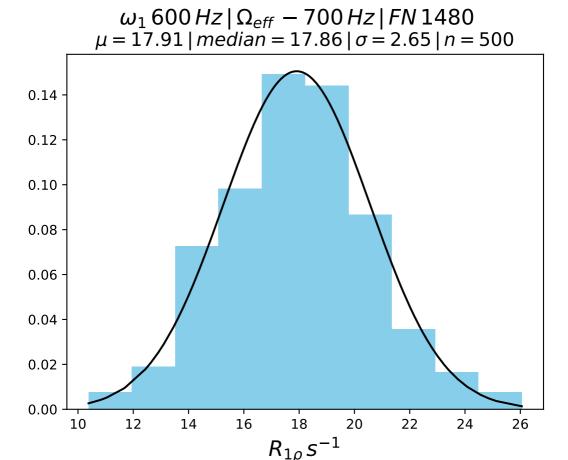


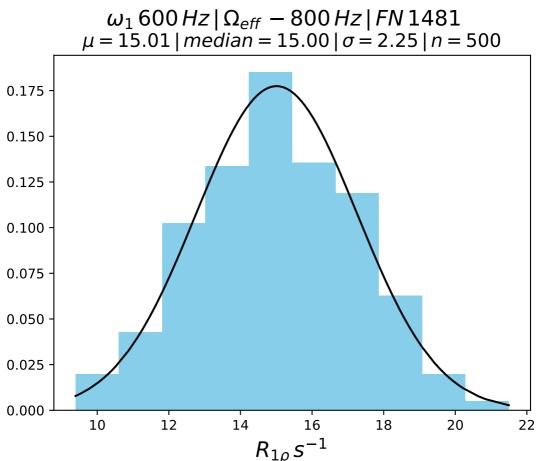


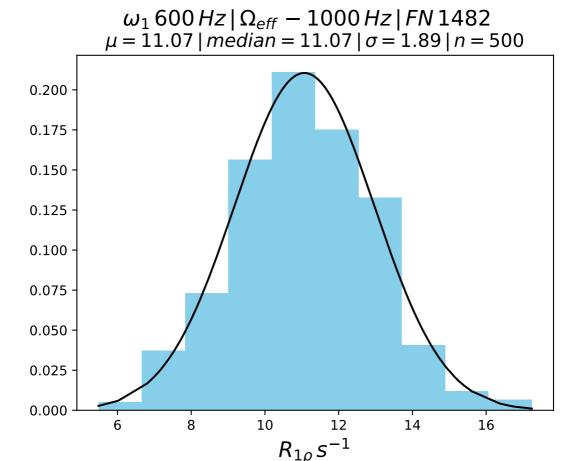
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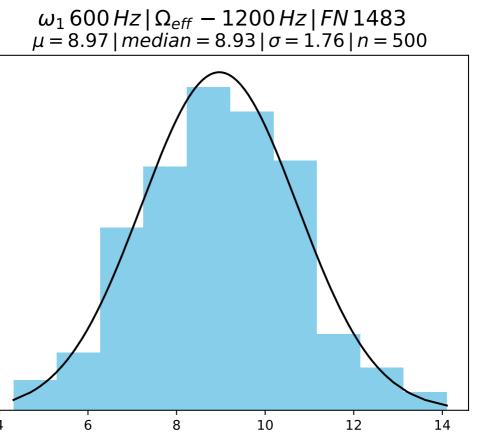








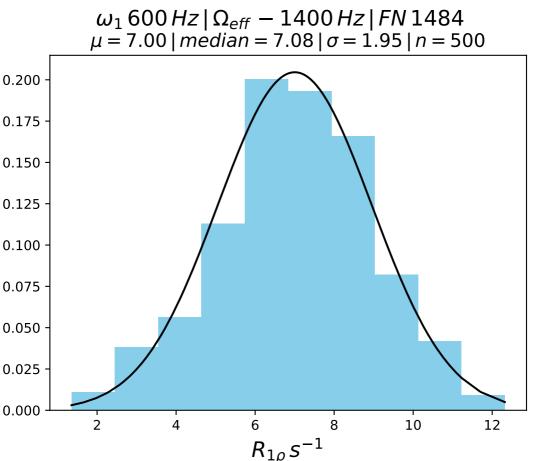


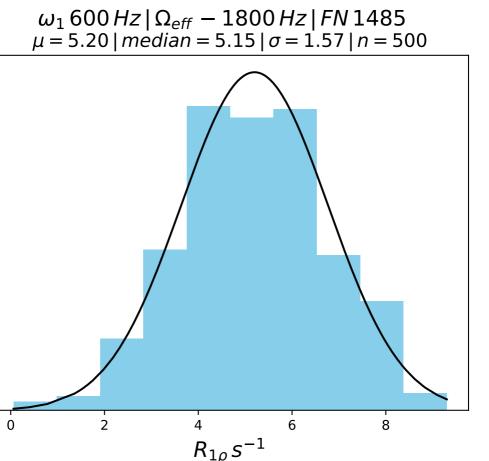


0.15

0.10

0.05





0.20

0.15

0.10

0.05

 $\omega_1 600 \, Hz \, | \, \Omega_{eff} \, 200 \, Hz \, | \, FN \, 1486$ $\mu = 32.25 \, | \, median = 32.46 \, | \, \sigma = 2.34 \, | \, n = 500$ 26 28 30 32 36 24 34 38

0.14 -

0.12

0.10

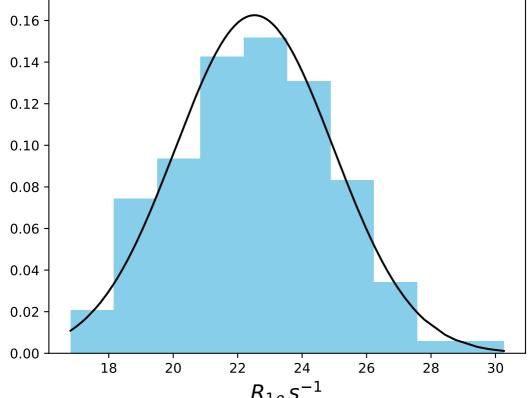
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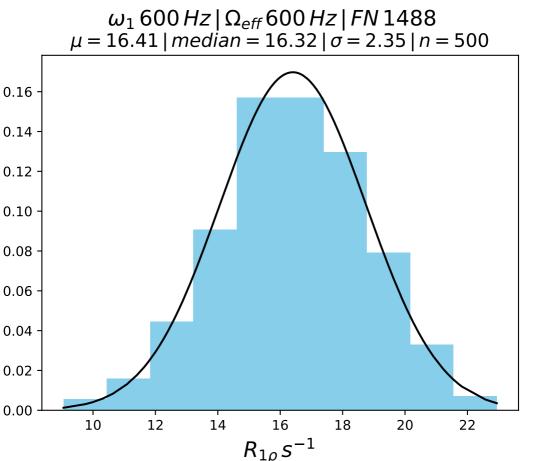
0.06

0.04

0.02

 $\omega_1 \, 600 \, Hz \, | \, \Omega_{eff} \, 400 \, Hz \, | \, FN \, 1487$ $\mu = 22.52 \, | \, median = 22.58 \, | \, \sigma = 2.45 \, | \, n = 500$

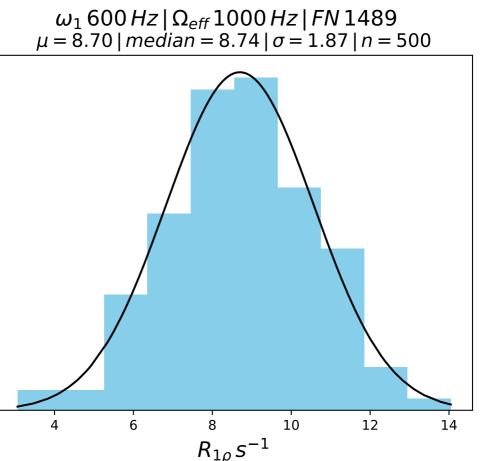




0.12

0.06

0.02



0.175

0.150

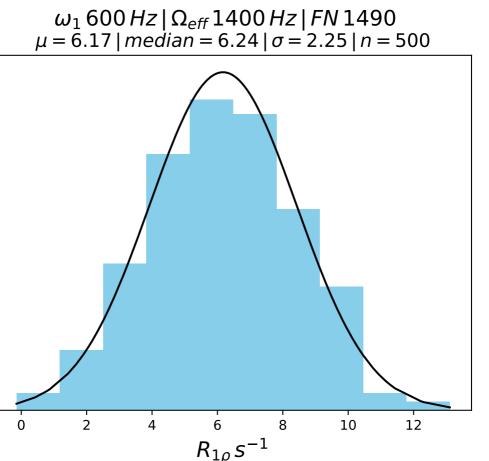
0.125 -

0.100

0.075

0.050

0.025



0.150

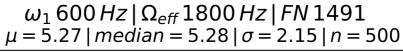
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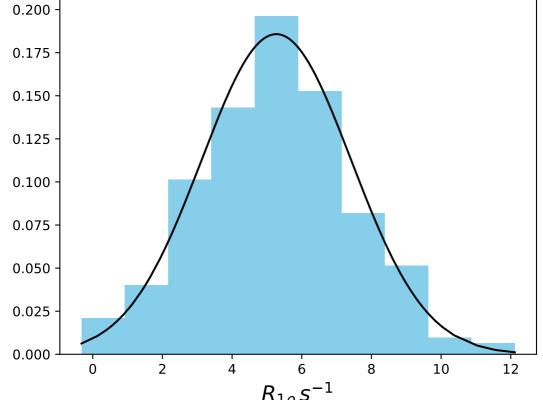
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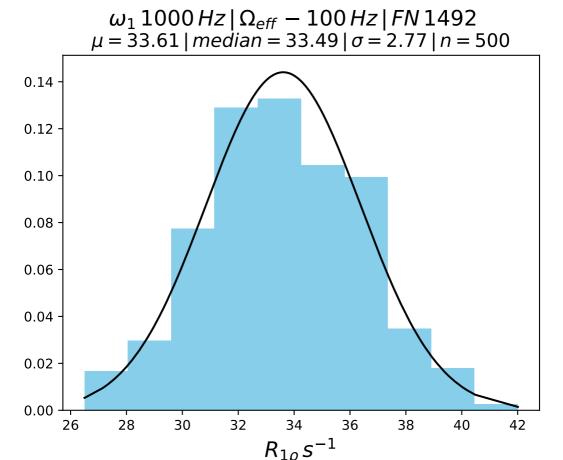
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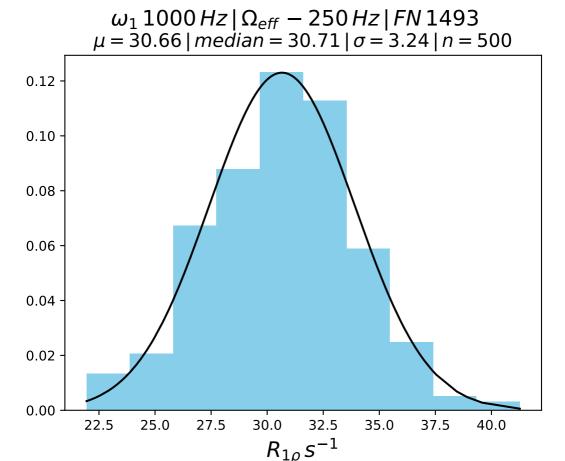
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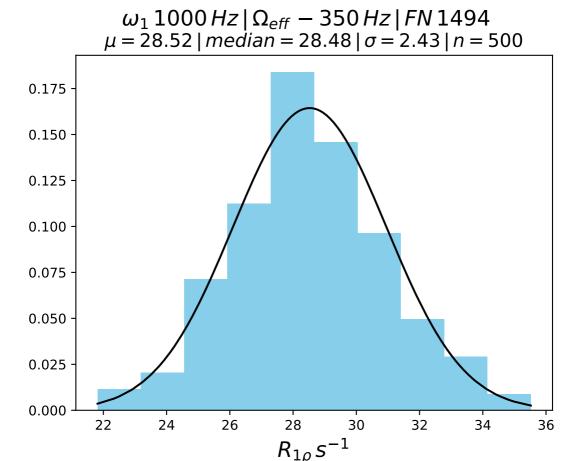
0.025





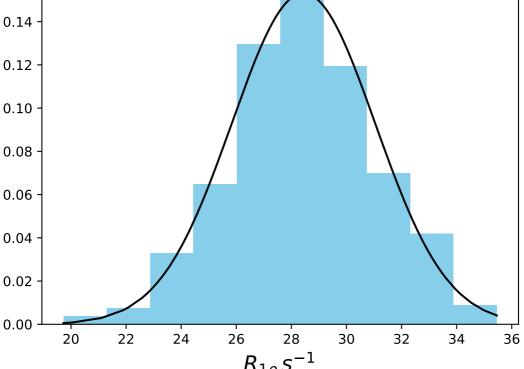




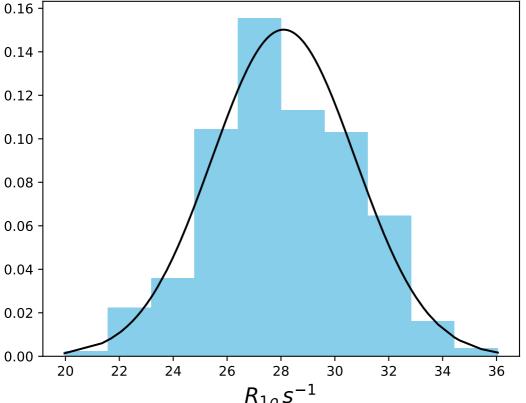


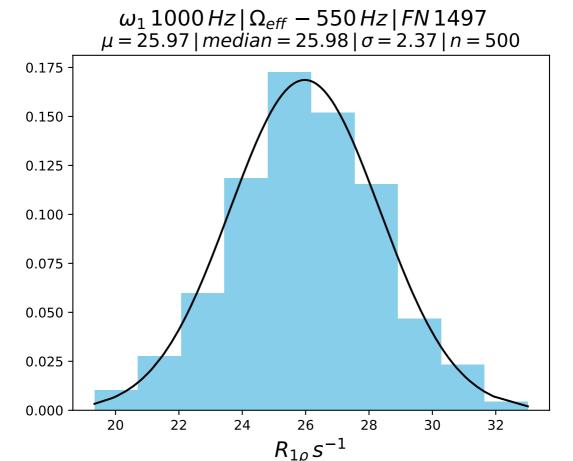
 $\omega_1 1000 \, Hz \, | \, \Omega_{eff} - 400 \, Hz \, | \, FN \, 1495$ $\mu = 28.44 \mid median = 28.46 \mid \sigma = 2.61 \mid n = 500$

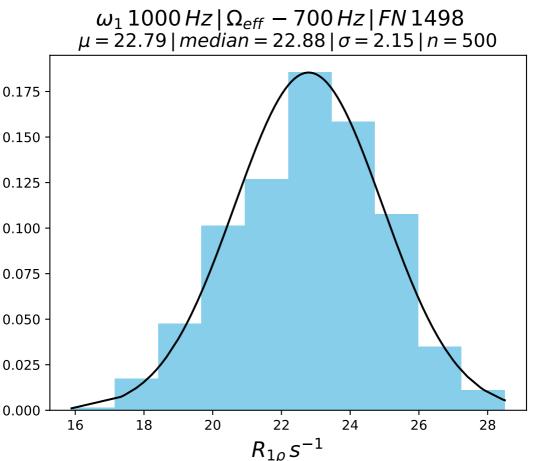
0.16 -



 $\omega_1 \, 1000 \, Hz \, | \, \Omega_{eff} \, - \, 450 \, Hz \, | \, FN \, 1496$ $\mu = 28.10 \, | \, median = 27.90 \, | \, \sigma = 2.66 \, | \, n = 500$







 $\omega_1 1000 \, Hz \, | \, \Omega_{eff} - 1000 \, Hz \, | \, FN \, 1499$ $\mu = 16.68 \, | \, median = 16.61 \, | \, \sigma = 2.44 \, | \, n = 500$ 10 12 14 16 20 22 18

0.14

0.12

0.10

0.08

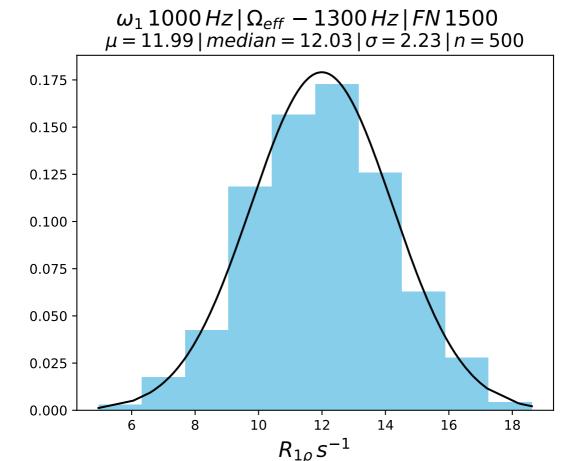
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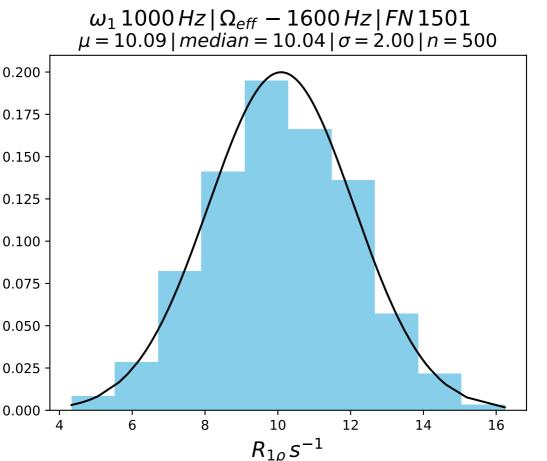
0.04

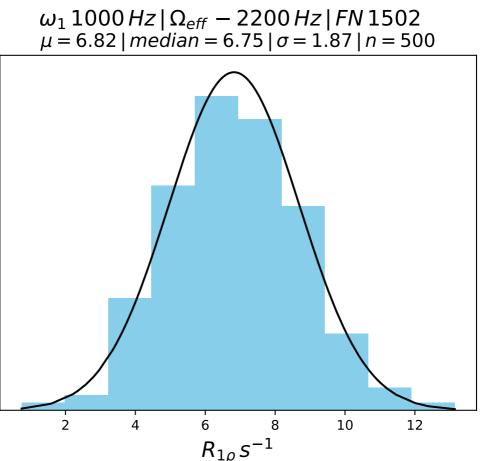
0.02

0.00

8







0.175

0.150

0.125

0.100

0.075

0.050

0.025

 $\omega_1 \, 1000 \, Hz \, | \, \Omega_{eff} \, - \, 2800 \, Hz \, | \, FN \, 1503$ $\mu = 5.99 \, | \, median = 6.07 \, | \, \sigma = 1.88 \, | \, n = 500$ 10

0.200

0.175

0.150 -

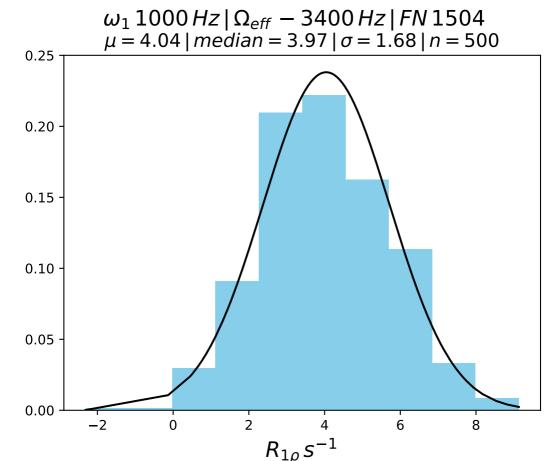
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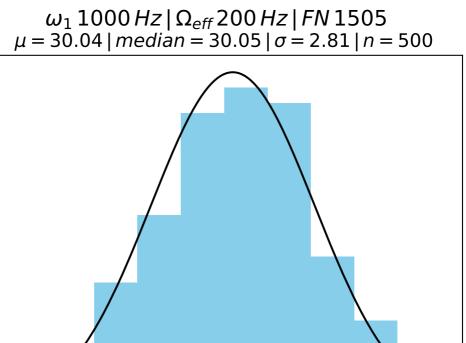
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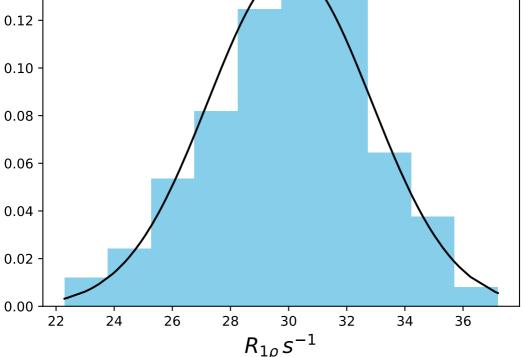
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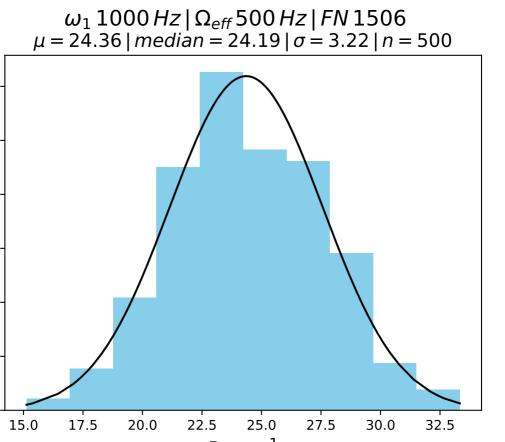
0.050

0.025









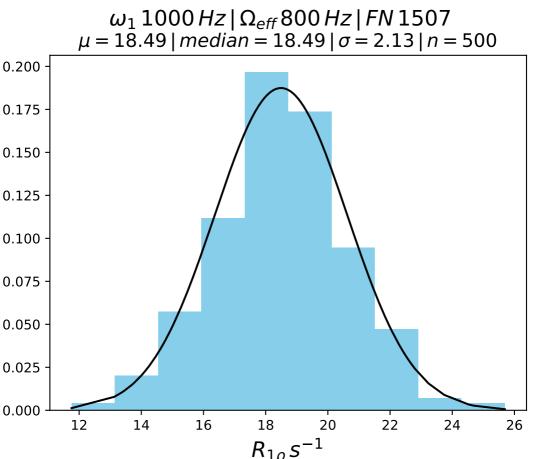
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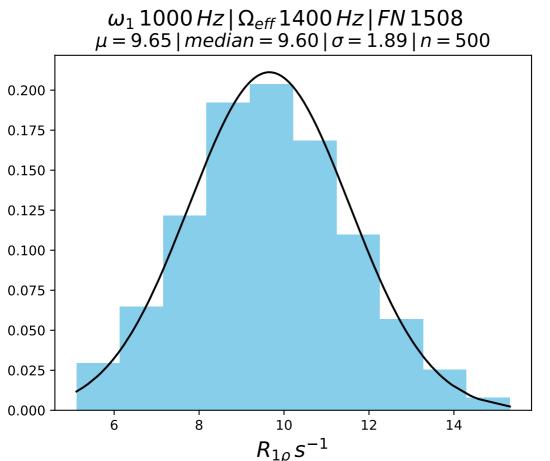
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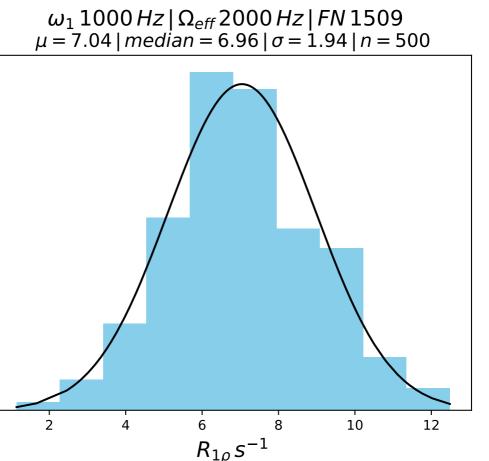
0.06

0.04

0.02







0.175

0.150

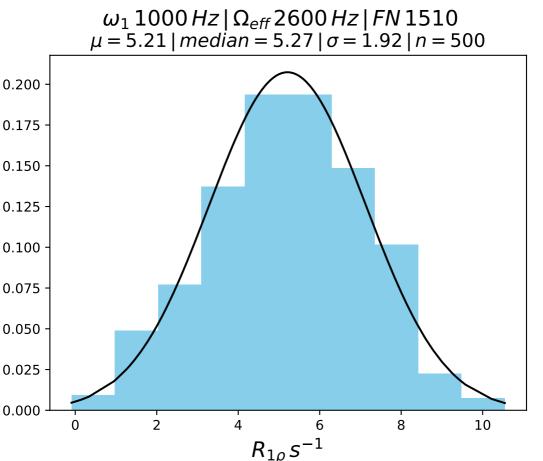
0.125

0.100

0.075

0.050

0.025



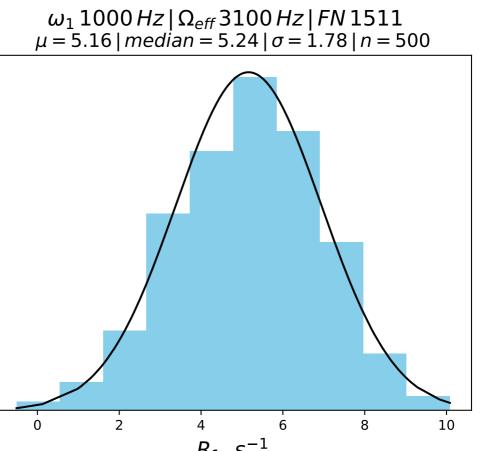
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0.100

0.075

0.050

0.025



0.15

0.10

0.05