# Results

## Descriptive Statistics

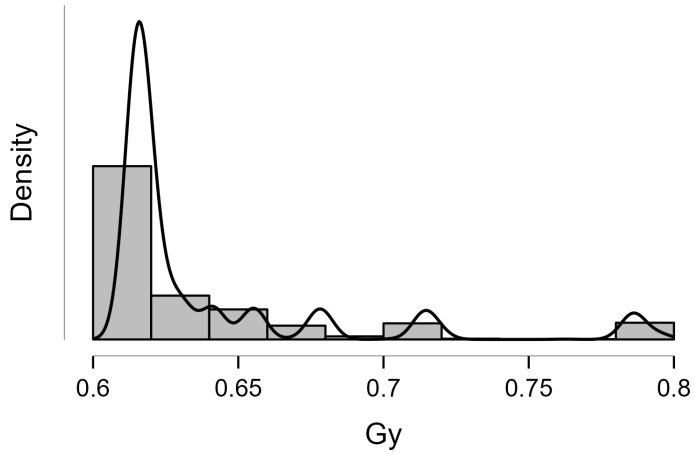
Descriptive Statistics

| | Gy | | | |
|---|---|---|---|---|
| | 1 | 2 | 3 | 4 |
| Valid | 1943 | 2012 | 1226 | 1919 |
| Missing | 73 | 112 | 34 | 61 |
| Mean | 0.640 | 0.642 | 0.640 | 0.640 |
| Std. Deviation | 0.045 | 0.046 | 0.045 | 0.045 |
| Minimum | 0.609 | 0.611 | 0.612 | 0.609 |
| Maximum | 0.797 | 0.798 | 0.799 | 0.801 |

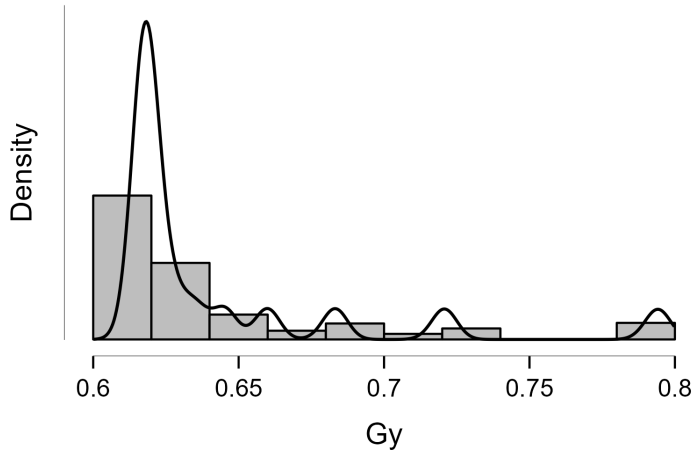
### Distribution Plots

**Gy**

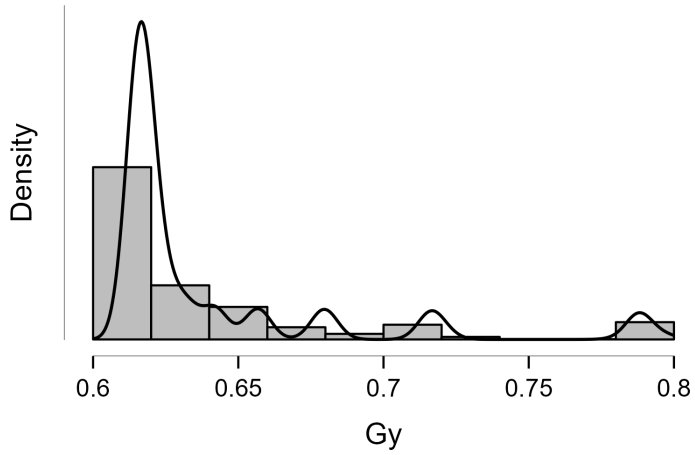
**1**



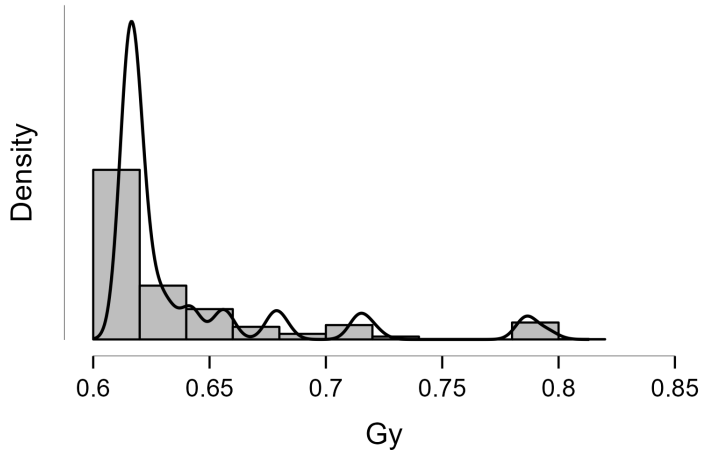

**2**




**3**



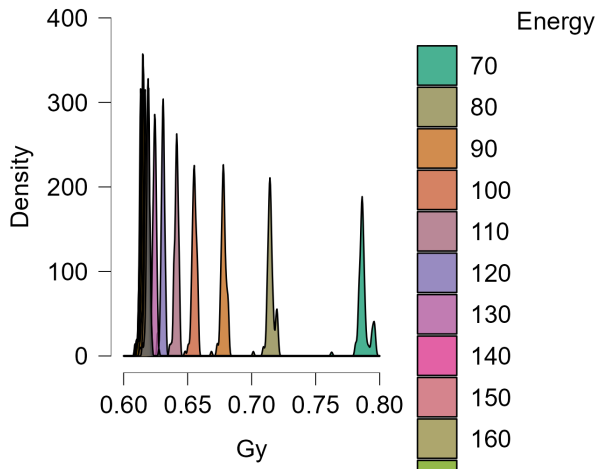

**4**



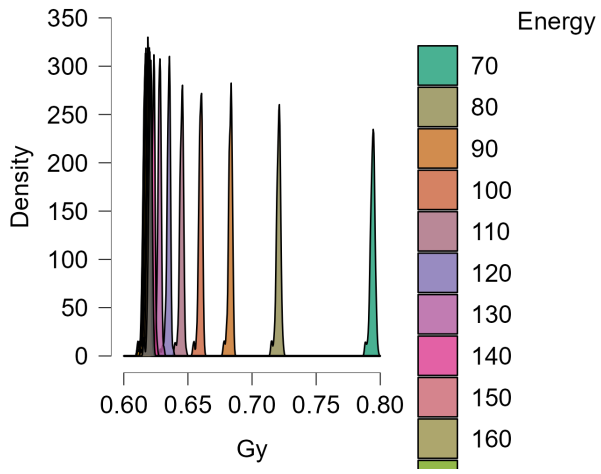
**Density Plots**

**Gy**

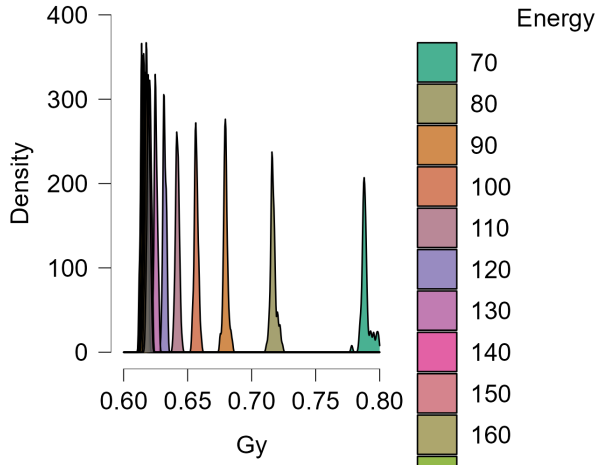
**1**



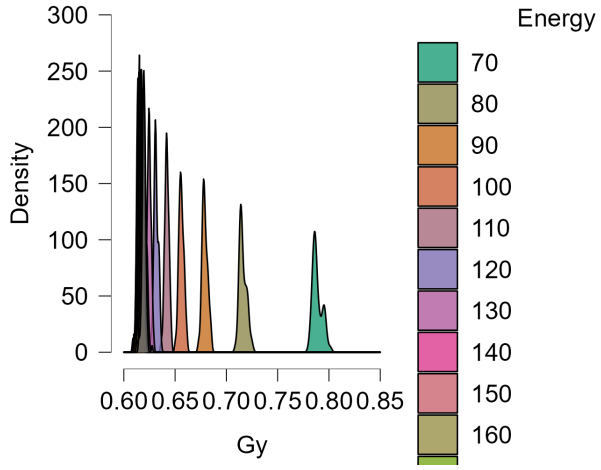

**2**




**3**




**4**

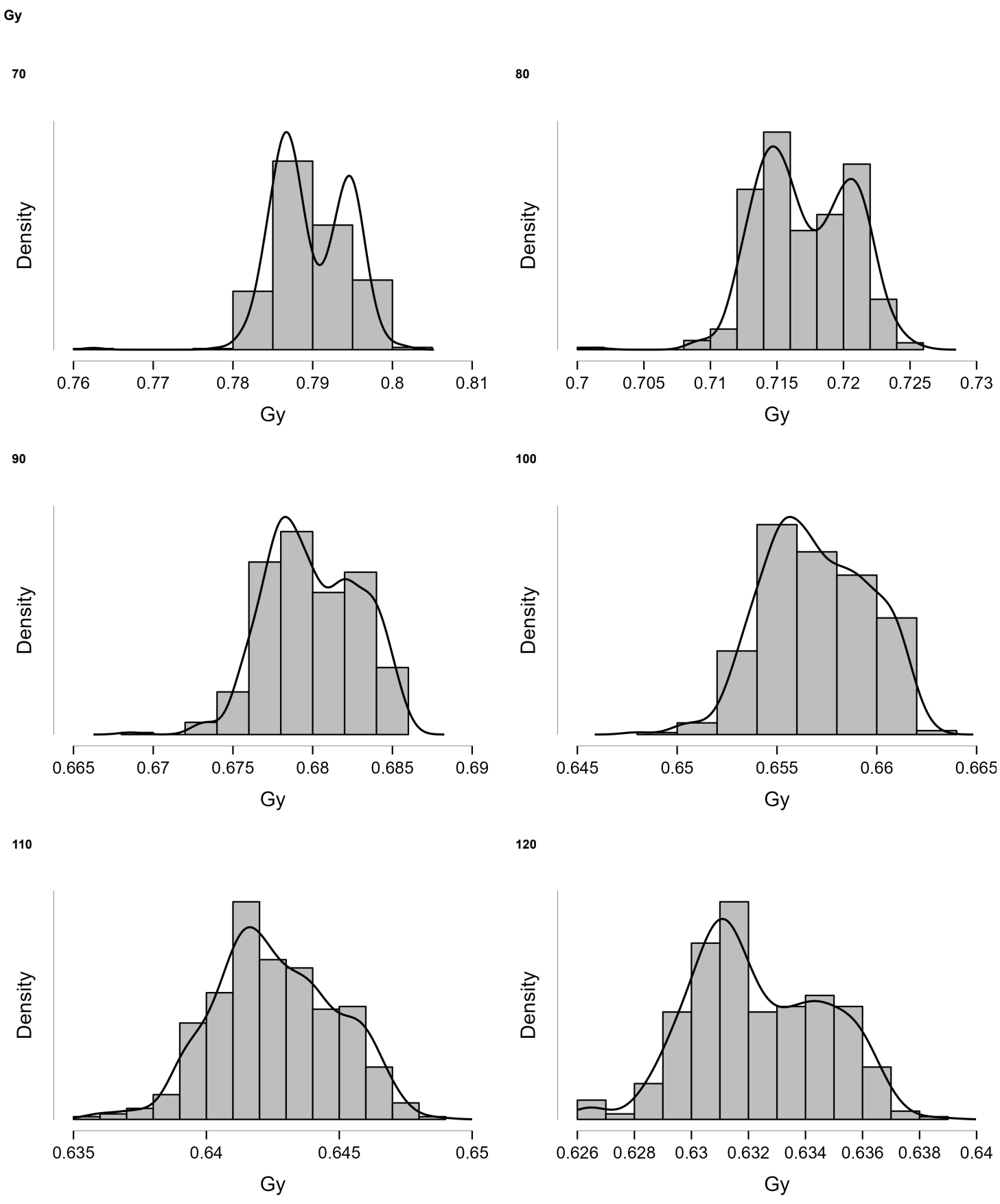


## Descriptive Statistics

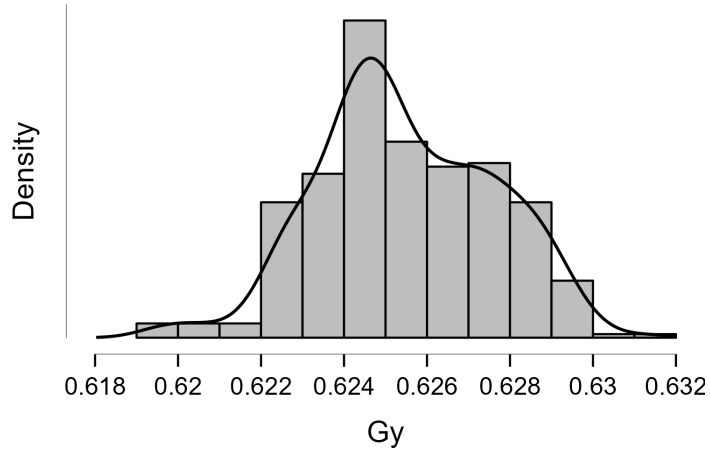
Descriptive Statistics

| | Gy | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 70 | 80 | 90 | 100 | 110 | 120 | 130 | 140 | 150 | 160 | 170 | 180 | 190 | 200 | 210 | 220 | 230 | 240 |
| Valid | 397 | 396 | 396 | 396 | 396 | 393 | 393 | 393 | 393 | 395 | 396 | 393 | 393 | 394 | 394 | 394 | 394 | 394 |
| Missing | 13 | 14 | 14 | 14 | 14 | 17 | 17 | 17 | 17 | 15 | 14 | 17 | 17 | 16 | 16 | 16 | 16 | 16 |
| Mean | 0.790 | 0.717 | 0.680 | 0.657 | 0.643 | 0.632 | 0.625 | 0.621 | 0.618 | 0.616 | 0.615 | 0.615 | 0.615 | 0.615 | 0.616 | 0.617 | 0.618 | 0.620 |
| Std. Deviation | 0.005 | 0.004 | 0.003 | 0.003 | 0.002 | 0.002 | 0.002 | 0.002 | 0.002 | 0.002 | 0.002 | 0.002 | 0.002 | 0.002 | 0.002 | 0.002 | 0.002 | 0.002 |
| Minimum | 0.762 | 0.701 | 0.669 | 0.648 | 0.636 | 0.626 | 0.619 | 0.614 | 0.611 | 0.610 | 0.610 | 0.609 | 0.609 | 0.610 | 0.611 | 0.612 | 0.613 | 0.615 |
| Maximum | 0.801 | 0.726 | 0.686 | 0.663 | 0.649 | 0.639 | 0.631 | 0.626 | 0.623 | 0.621 | 0.619 | 0.619 | 0.619 | 0.619 | 0.620 | 0.621 | 0.623 | 0.628 |

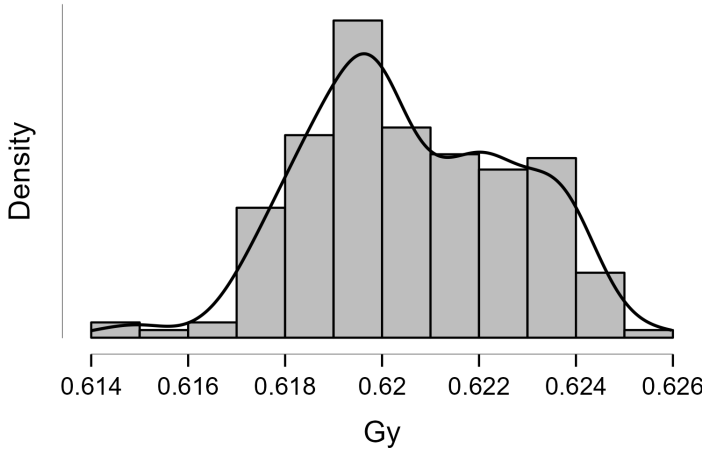
**Distribution Plots**


Gy
70
Density
0.76
0.77
0.78
0.79
0.8
0.81
Gy
80
Density
0.7
0.705
0.71
0.715
0.72
0.725
0.73
Gy
90
Density
0.665
0.67
0.675
0.68
0.685
0.69
Gy
100
Density
0.645
0.65
0.655
0.66
0.665
Gy
110
Density
0.635
0.64
0.645
0.65
Gy
120
Density
0.626
0.628
0.63
0.632
0.634
0.636
0.638
0.64
Gy

130




140

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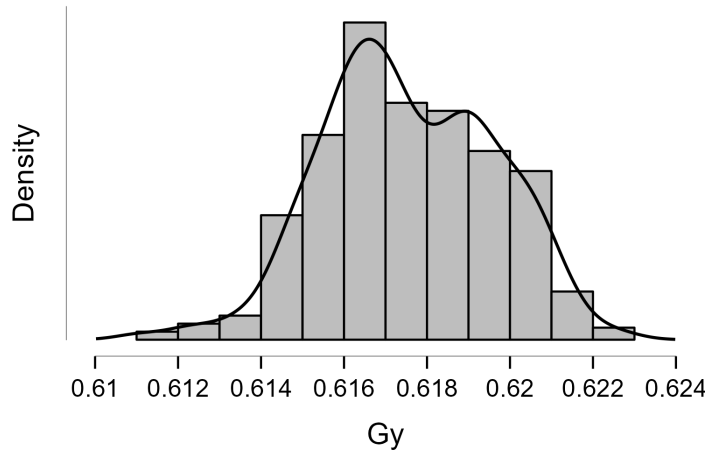
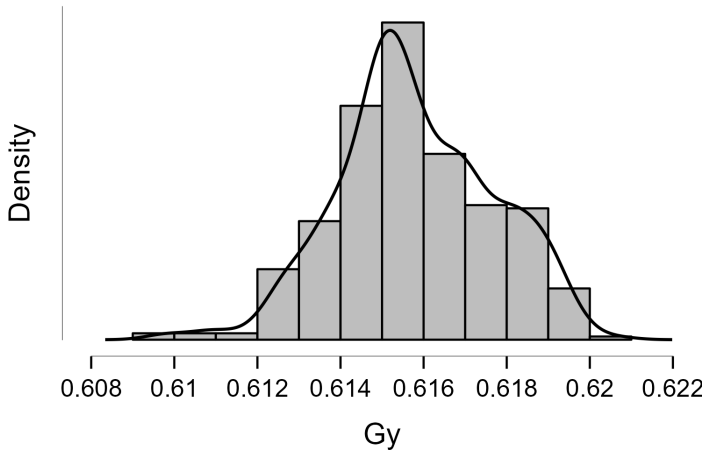



160

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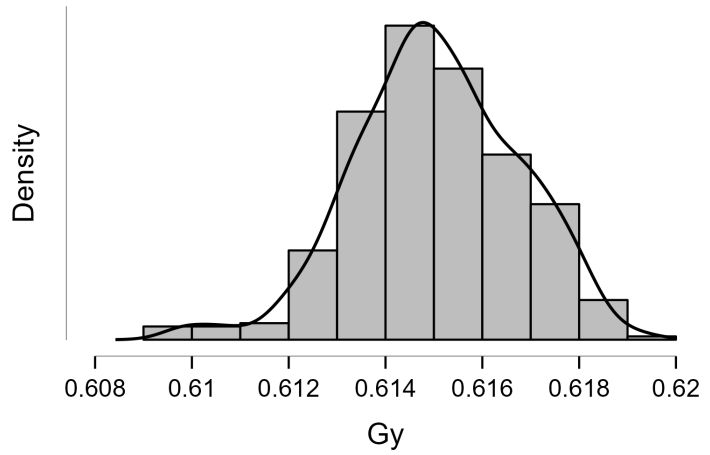
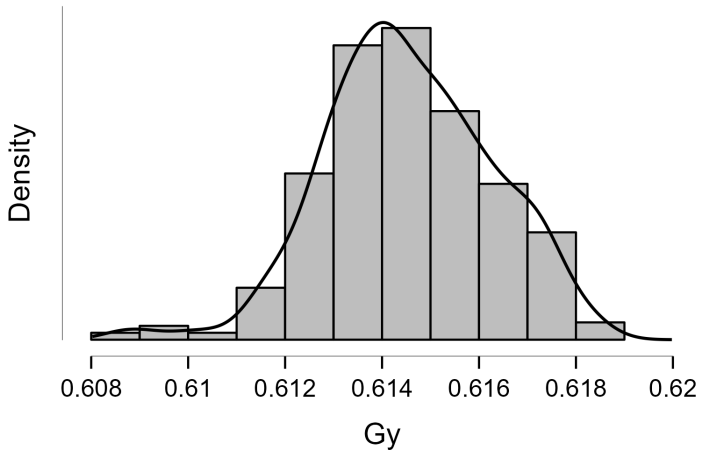



180



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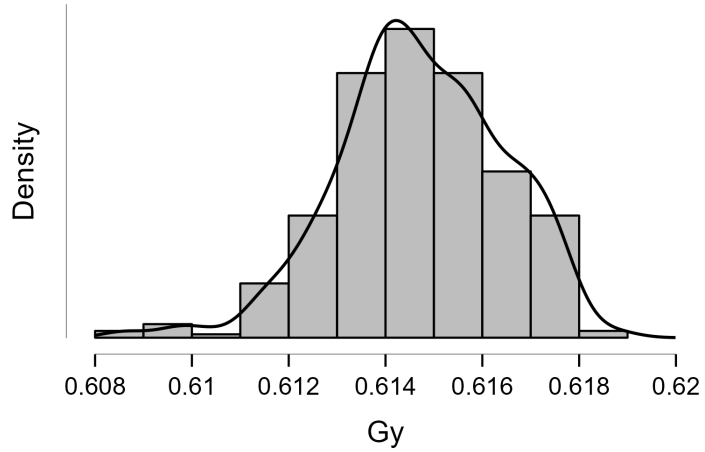


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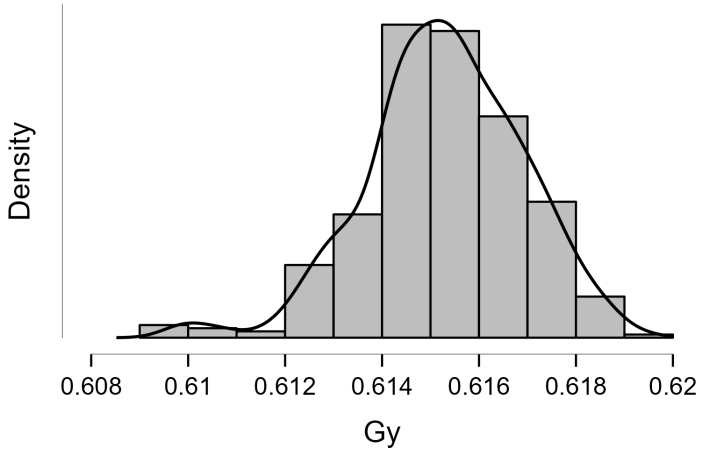


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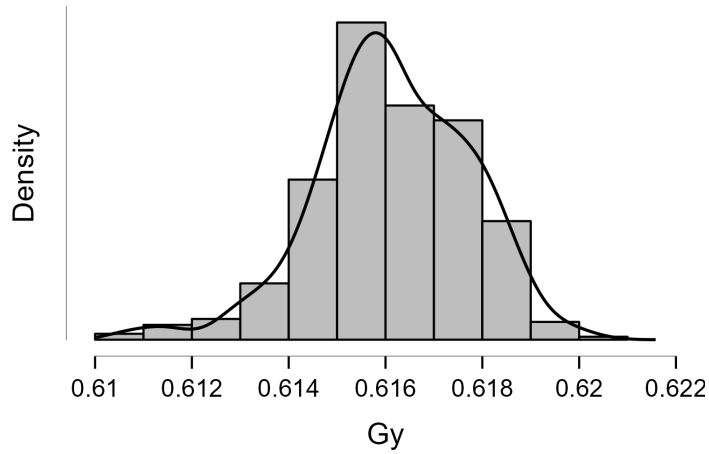


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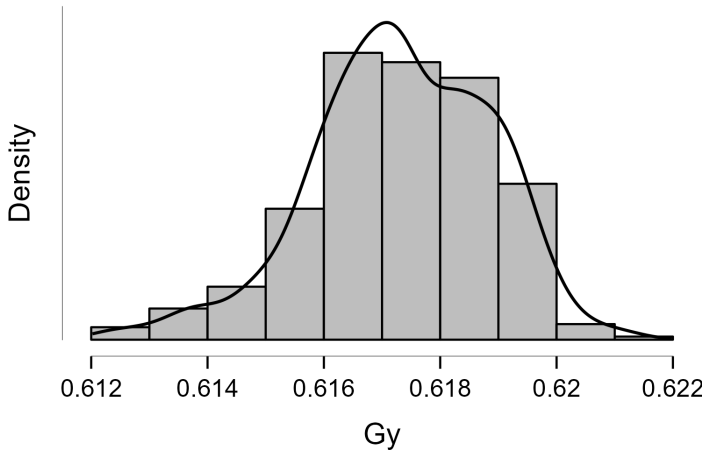


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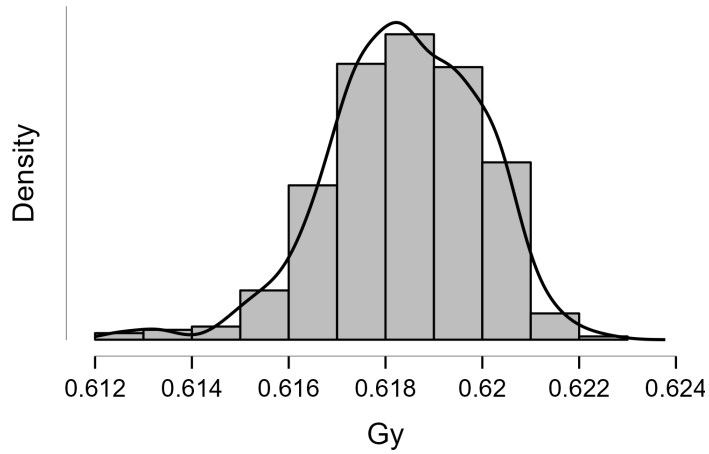


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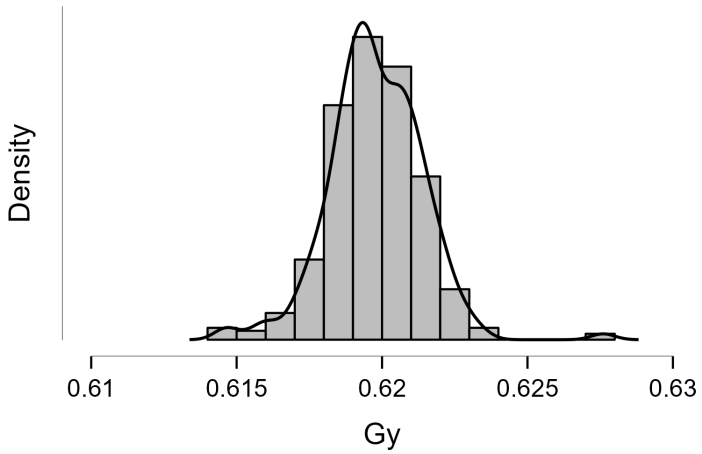
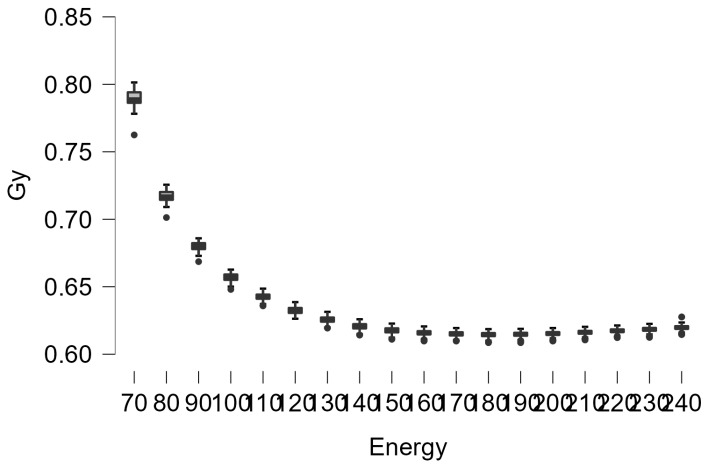


**Boxplots**

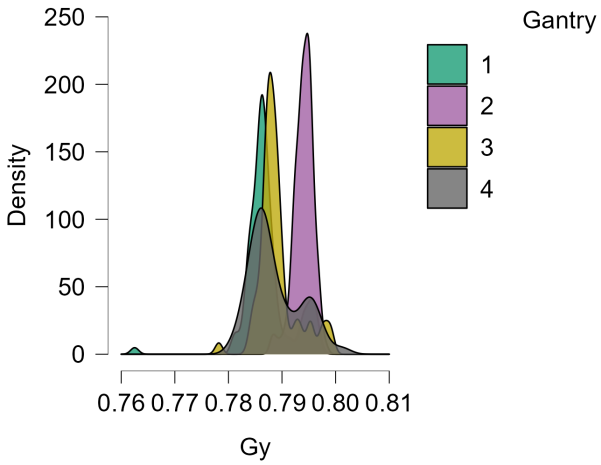
**Gy**


0.85
0.80
0.75
0.70
0.65
0.60
Gy
70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240
Energy

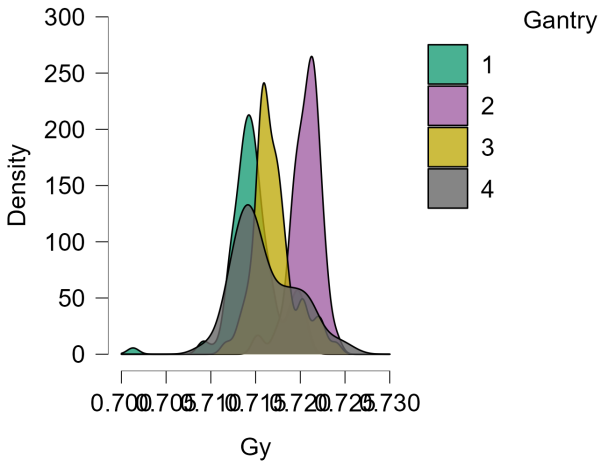
**Density Plots**

**Gy**

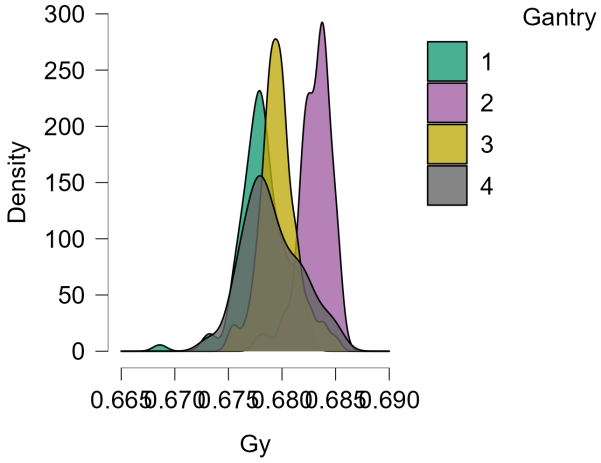
**70**



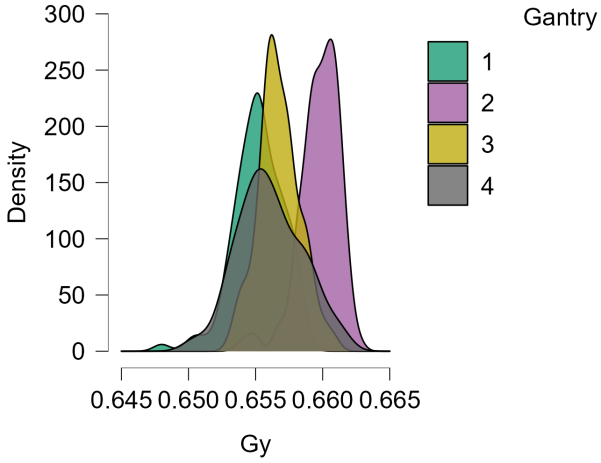

**80**



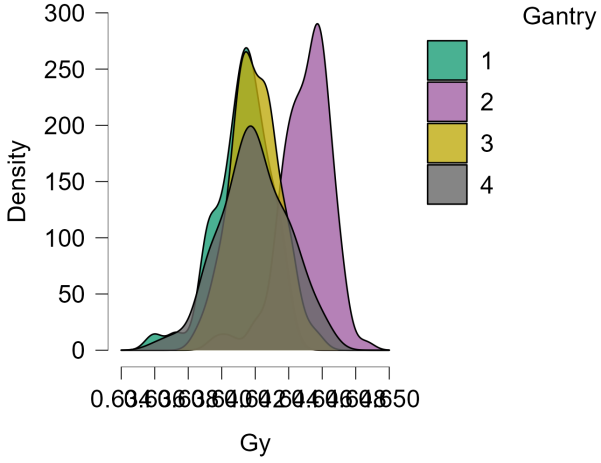

**90**




**100**




**110**

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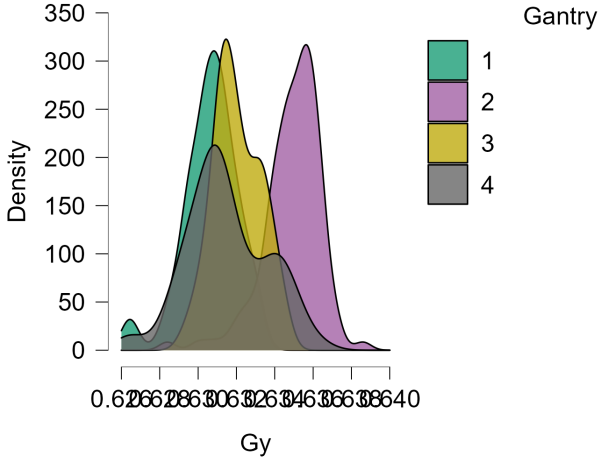
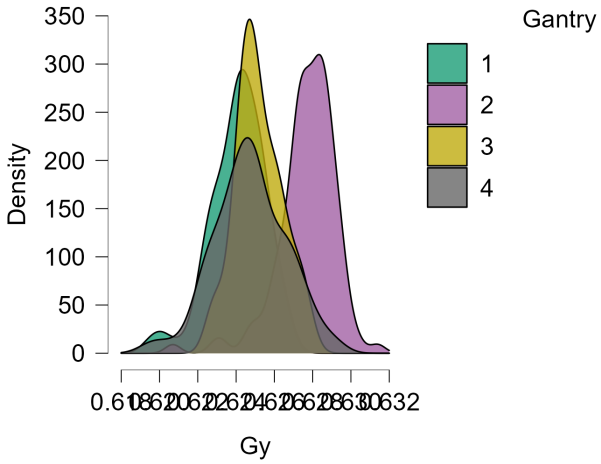


**130**

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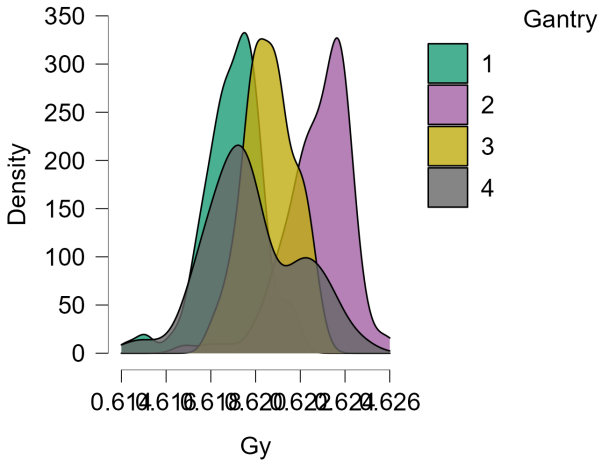


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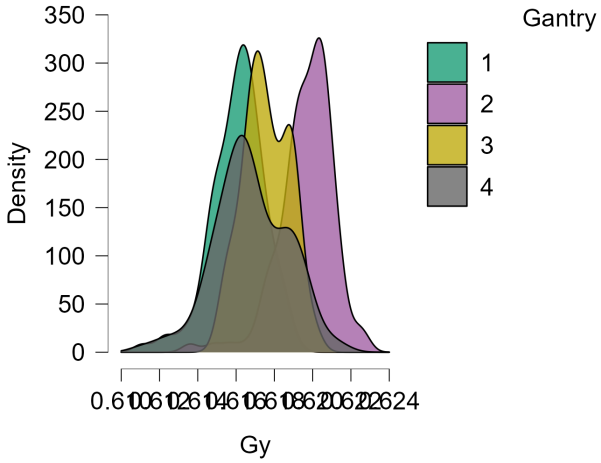


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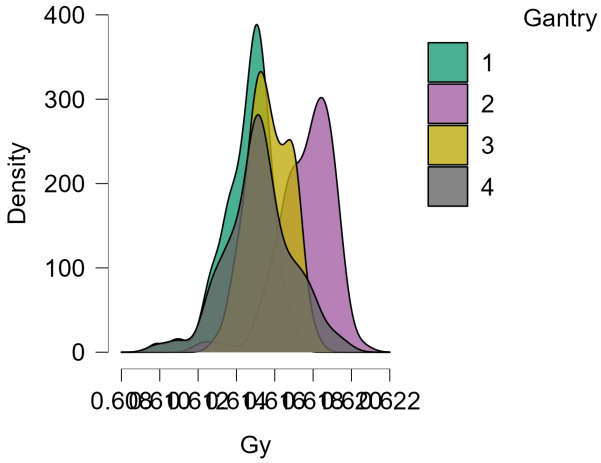


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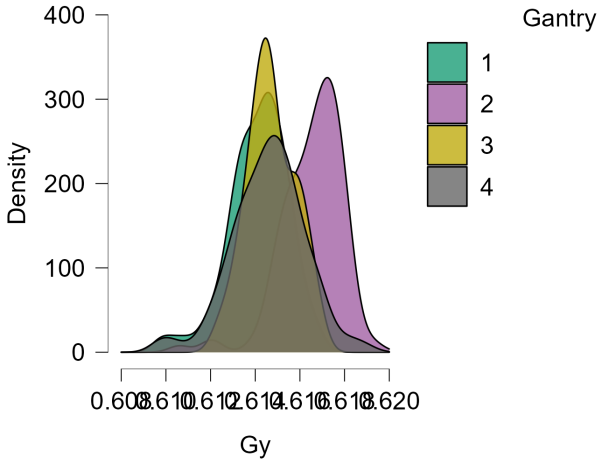
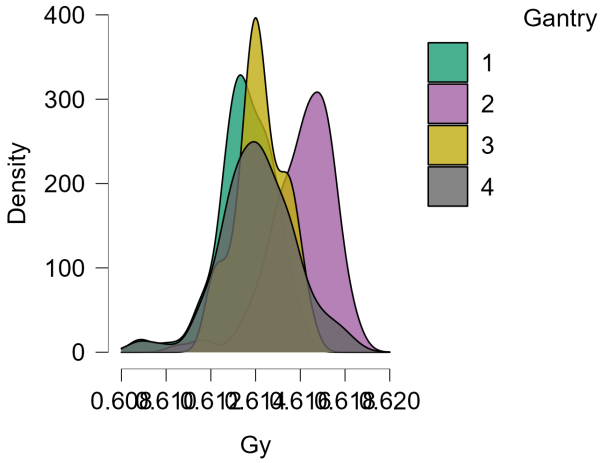
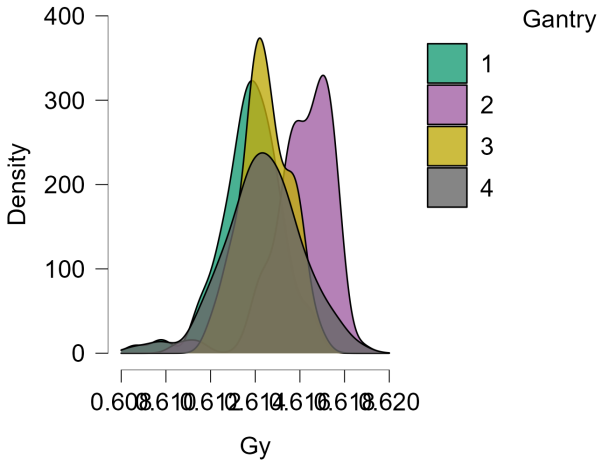



**180**



**190**

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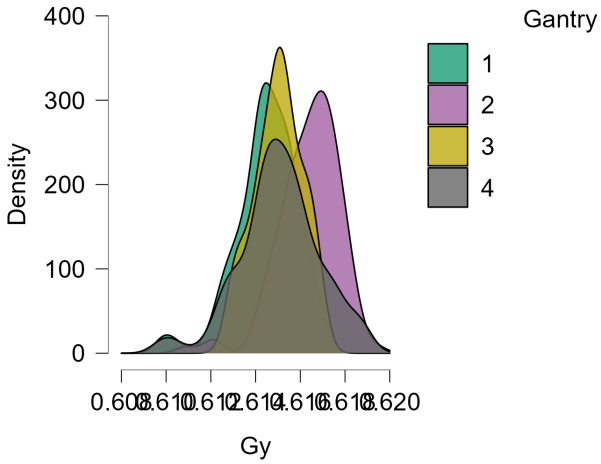
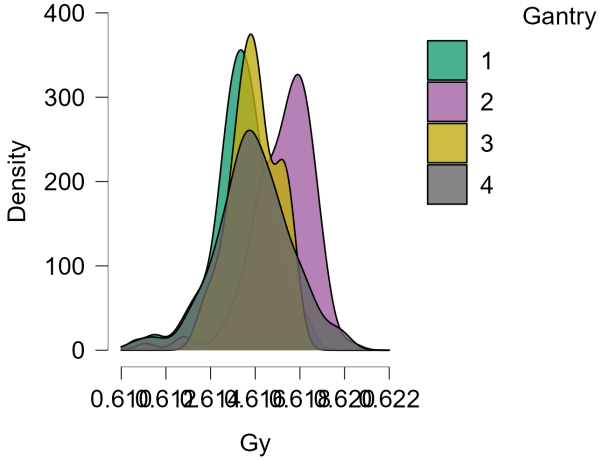
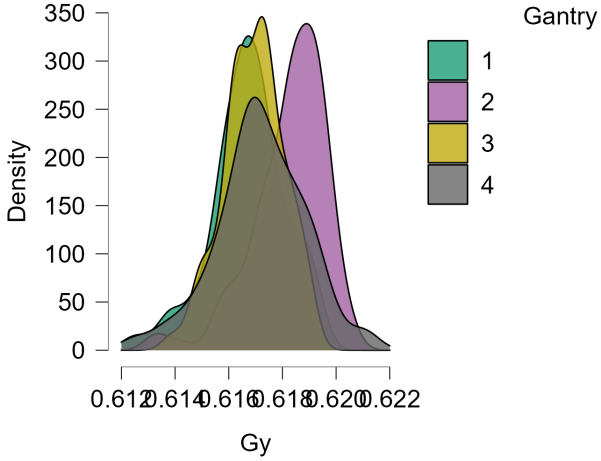


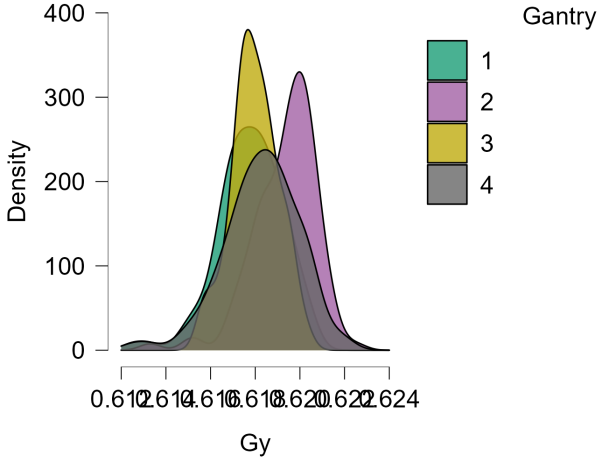

**210**

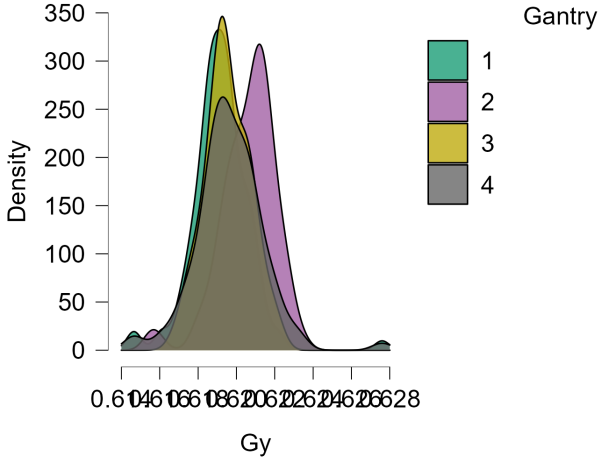



**220**




**230**




**240**