## Assignment 3

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Student Roll Number	921319104220
Maximum Marks	2 marks

## **Building a Regression Model**

- 1. Download the dataset: Dataset
- 2. Load the dataset into the tool.
- 3. Perform Below Visualizations. Univariate Analysis Bi-Variate Analysis Multi-Variate **Analysis**
- 4. Perform descriptive statistics on the dataset.
- 5. Check for Missing values and deal with them.
- 6. Find the outliers and replace them outliers
- 7. Check for Categorical columns and perform encoding.
- 8. Split the data into dependent and independent variables.
- 9. Scale the independent variables
- 10. Split the data into training and testing
- 11. Build the Model
- 12. Train the Model
- 13. Test the Model
- Download the dataset

```
In [108...
```

```
#import libraries
import numpy as np
import pandas as pd
import matplotlib.pyplot as plt
import seaborn as sns
from matplotlib import rcParams
```

In [109...

```
from google.colab import files
files.upload()
```

Choose files No file chosen

Upload widget is only available when the cell has

been executed in the current browser session. Please rerun this cell to enable.

Saving abalone.csv to abalone (2).csv

Out[109... {'abalone.csv': b'Sex,Length,Diameter,Height,Whole weight,Shucked weight,Visce ra weight, Shell weight, Rings  $\nM$ , 0.455, 0.365, 0.095, 0.514, 0.2245, 0.101, 0.15, 15  $\n$ M,0.35,0.265,0.09,0.2255,0.0995,0.0485,0.07,7\nF,0.53,0.42,0.135,0.677,0.2565, 0.1415,0.21,9\nM,0.44,0.365,0.125,0.516,0.2155,0.114,0.155,10\nI,0.33,0.255,0.  $F, 0.53, 0.415, 0.15, 0.7775, 0.237, 0.1415, 0.33, 20 \ nF, 0.545, 0.425, 0.125, 0.768, 0.29$ 4,0.1495,0.26,16\nM,0.475,0.37,0.125,0.5095,0.2165,0.1125,0.165,9\nF,0.55,0.4 4,0.15,0.8945,0.3145,0.151,0.32,19\nF,0.525,0.38,0.14,0.6065,0.194,0.1475,0.2  $1,14 \times 0.43,0.35,0.11,0.406,0.1675,0.081,0.135,10 \times 0.49,0.38,0.135,0.5415,$  $0.2175, 0.095, 0.19, 11 \\ nf, 0.535, 0.405, 0.145, 0.6845, 0.2725, 0.171, 0.205, 10 \\ nf, 0.405, 0.145, 0.6845, 0.2725, 0.171, 0.205, 10 \\ nf, 0.405, 0.14$  $7,0.355,0.1,0.4755,0.1675,0.0805,0.185,10 \nm,0.5,0.4,0.13,0.6645,0.258,0.133,$ 0.24,12\nI,0.355,0.28,0.085,0.2905,0.095,0.0395,0.115,7\nF,0.44,0.34,0.1,0.45  $1,0.188,0.087,0.13,10\nM,0.365,0.295,0.08,0.2555,0.097,0.043,0.1,7\nM,0.45,0.3$ 2,0.1,0.381,0.1705,0.075,0.115,9\nM,0.355,0.28,0.095,0.2455,0.0955,0.062,0.07 5,11\nI,0.38,0.275,0.1,0.2255,0.08,0.049,0.085,10\nF,0.565,0.44,0.155,0.9395,  $0.4275, 0.214, 0.27, 12 \ln F, 0.55, 0.415, 0.135, 0.7635, 0.318, 0.21, 0.2, 9 \ln F, 0.615, 0.4$  $8, 0.165, 1.1615, 0.513, 0.301, 0.305, 10 \nF, 0.56, 0.44, 0.14, 0.9285, 0.3825, 0.188, 0.3,$ 11\nF,0.58,0.45,0.185,0.9955,0.3945,0.272,0.285,11\nM,0.59,0.445,0.14,0.931,0. 356,0.234,0.28,12\nm,0.605,0.475,0.18,0.9365,0.394,0.219,0.295,15\nm,0.575,0.4 25,0.14,0.8635,0.393,0.227,0.2,11\nM,0.58,0.47,0.165,0.9975,0.3935,0.242,0.33, 10\nF,0.68,0.56,0.165,1.639,0.6055,0.2805,0.46,15\nM,0.665,0.525,0.165,1.338, 0.5515, 0.3575, 0.35, 18 nf, 0.68, 0.55, 0.175, 1.798, 0.815, 0.3925, 0.455, 19 nf, 0.705, 0.705, 0.175, 0 $0.55, 0.2, 1.7095, 0.633, 0.4115, 0.49, 13 \nM, 0.465, 0.355, 0.105, 0.4795, 0.227, 0.124,$ 0.125,8\nf,0.54,0.475,0.155,1.217,0.5305,0.3075,0.34,16\nf,0.45,0.355,0.105,0. 5225,0.237,0.1165,0.145,8\nF,0.575,0.445,0.135,0.883,0.381,0.2035,0.26,11\nM,

0.355,0.29,0.09,0.3275,0.134,0.086,0.09,9\nF,0.45,0.335,0.105,0.425,0.1865,0.0 91,0.115,9\nF,0.55,0.425,0.135,0.8515,0.362,0.196,0.27,14\nI,0.24,0.175,0.045,  $0.07, 0.0315, 0.0235, 0.02, 5 \\ \ln 1, 0.205, 0.15, 0.055, 0.042, 0.0255, 0.015, 0.012, 5 \\ \ln 1, 0.205, 0.15, 0.025, 0.042, 0.0255, 0.015, 0.012, 0.0$ 21,0.15,0.05,0.042,0.0175,0.0125,0.015,4\nI,0.39,0.295,0.095,0.203,0.0875,0.04  $5, 0.075, 7 \\ \text{nM}, 0.47, 0.37, 0.12, 0.5795, 0.293, 0.227, 0.14, 9 \\ \text{nF}, 0.46, 0.375, 0.12, 0.460$ 5,0.1775,0.11,0.15,7\nI,0.325,0.245,0.07,0.161,0.0755,0.0255,0.045,6\nF,0.525, 0.425,0.16,0.8355,0.3545,0.2135,0.245,9\nI,0.52,0.41,0.12,0.595,0.2385,0.111,  $0.19, 8 \\ \mathsf{nM}, 0.4, 0.32, 0.095, 0.303, 0.1335, 0.06, 0.1, 7 \\ \mathsf{nM}, 0.485, 0.36, 0.13, 0.5415, 0.20, 0.10, 0$ 595,0.096,0.16,10\nF,0.47,0.36,0.12,0.4775,0.2105,0.1055,0.15,10\nM,0.405,0.3  $M, 0.445, 0.35, 0.12, 0.4425, 0.192, 0.0955, 0.135, 8 \ nM, 0.47, 0.385, 0.135, 0.5895, 0.276$ 5,0.12,0.17,8\nI,0.245,0.19,0.06,0.086,0.042,0.014,0.025,4\nF,0.505,0.4,0.125,  $05, 0.405, 0.11, 0.625, 0.305, 0.16, 0.175, 9 \ nF, 0.53, 0.41, 0.13, 0.6965, 0.302, 0.1935,$  $0.2,10 \times 0.425, 0.325, 0.095, 0.3785, 0.1705, 0.08, 0.1,7 \times 0.52, 0.4, 0.12, 0.58, 0.2$ 34,0.1315,0.185,8\nM,0.475,0.355,0.12,0.48,0.234,0.1015,0.135,8\nF,0.565,0.44,  $0.16, 0.915, 0.354, 0.1935, 0.32, 12 \\ nF, 0.595, 0.495, 0.185, 1.285, 0.416, 0.224, 0.485, 1.285, 0.416, 0.224, 0.485, 1.285, 0.416, 0.224, 0.485, 1.285, 0.485,$  $3 \ln F$ , 0.475, 0.39, 0.12, 0.5305, 0.2135, 0.1155, 0.17,  $10 \ln I$ , 0.31, 0.235, 0.07, 0.151, 0.0 $63,0.0405,0.045,6 \times 0.0555,0.425,0.13,0.7665,0.264,0.168,0.275,13 \times 0.4,0.32,0.32,0.0405,0.045$  $0.11, 0.353, 0.1405, 0.0985, 0.1, 8 \ nF, 0.595, 0.475, 0.17, 1.247, 0.48, 0.225, 0.425, 20 \ n$ M, 0.57, 0.48, 0.175, 1.185, 0.474, 0.261, 0.38, 11\nF, 0.605, 0.45, 0.195, 1.098, 0.481, 0. 2895,0.315,13\nF,0.6,0.475,0.15,1.0075,0.4425,0.221,0.28,15\nM,0.595,0.475,0.1  $4, 0.944, 0.3625, 0.189, 0.315, 9 \\ \mathsf{nf}, 0.6, 0.47, 0.15, 0.922, 0.363, 0.194, 0.305, 10 \\ \mathsf{nf}, 0.0000, 0.000, 0.000, 0.000, 0.000, 0.0000, 0.0000, 0.0000, 0.0000, 0.0000, 0.0000, 0.000, 0.0000, 0.0000, 0.0000, 0.0000, 0.0000,$  $555, 0.425, 0.14, 0.788, 0.282, 0.1595, 0.285, 11 \nF, 0.615, 0.475, 0.17, 1.1025, 0.4695,$  $0.2355, 0.345, 14 \\ 14 \\ 17, 0.575, 0.445, 0.14, 0.941, 0.3845, 0.252, 0.285, 9 \\ 18, 0.62, 0.51, 0.941, 0.3845, 0.252, 0.285, 9 \\ 18, 0.62, 0.51, 0.941,$ 175,1.615,0.5105,0.192,0.675,12\nF,0.52,0.425,0.165,0.9885,0.396,0.225,0.32,16  $\nn, 0.595, 0.475, 0.16, 1.3175, 0.408, 0.234, 0.58, 21\\nm, 0.58, 0.45, 0.14, 1.013, 0.38,$ 0.216,0.36,14\nF,0.57,0.465,0.18,1.295,0.339,0.2225,0.44,12\nM,0.625,0.465,0.1 4,1.195,0.4825,0.205,0.4,13\nM,0.56,0.44,0.16,0.8645,0.3305,0.2075,0.26,10\nF,  $0.46, 0.355, 0.13, 0.517, 0.2205, 0.114, 0.165, 9 \\ \mathsf{nf}, 0.575, 0.45, 0.16, 0.9775, 0.3135, 0.16, 0.975, 0.975, 0.$ 231,0.33,12\nM,0.565,0.425,0.135,0.8115,0.341,0.1675,0.255,15\nM,0.555,0.44,0.  $15, 0.755, 0.307, 0.1525, 0.26, 12 \nM, 0.595, 0.465, 0.175, 1.115, 0.4015, 0.254, 0.39, 13$ \nF,0.625,0.495,0.165,1.262,0.507,0.318,0.39,10\nM,0.695,0.56,0.19,1.494,0.58 8,0.3425,0.485,15\nm,0.665,0.535,0.195,1.606,0.5755,0.388,0.48,14\nm,0.535,0.4 35,0.15,0.725,0.269,0.1385,0.25,9 nm,0.47,0.375,0.13,0.523,0.214,0.132,0.145,8\nM,0.47,0.37,0.13,0.5225,0.201,0.133,0.165,7\nF,0.475,0.375,0.125,0.5785,0.27 75,0.085,0.155,10\nI,0.36,0.265,0.095,0.2315,0.105,0.046,0.075,7\nM,0.55,0.43 5,0.145,0.843,0.328,0.1915,0.255,15 \nM, 0.53,0.435,0.16,0.883,0.316,0.164,0.335,15\nM,0.53,0.415,0.14,0.724,0.3105,0.1675,0.205,10\nM,0.605,0.47,0.16,1.173 5,0.4975,0.2405,0.345,12\nf,0.52,0.41,0.155,0.727,0.291,0.1835,0.235,12\nf,0.5 45,0.43,0.165,0.802,0.2935,0.183,0.28,11\nf,0.5,0.4,0.125,0.6675,0.261,0.1315,  $0.22,10\nF,0.51,0.39,0.135,0.6335,0.231,0.179,0.2,9\nF,0.435,0.395,0.105,0.363$ 5,0.136,0.098,0.13,9\nM,0.495,0.395,0.125,0.5415,0.2375,0.1345,0.155,9\nM,0.46 5,0.36,0.105,0.431,0.172,0.107,0.175,9\nI,0.435,0.32,0.08,0.3325,0.1485,0.063 5,0.105,9\nM,0.425,0.35,0.105,0.393,0.13,0.063,0.165,9\nF,0.545,0.41,0.125,0.6 935,0.2975,0.146,0.21,11\nf,0.53,0.415,0.115,0.5915,0.233,0.1585,0.18,11\nf,0. 49,0.375,0.135,0.6125,0.2555,0.102,0.22,11\nM,0.44,0.34,0.105,0.402,0.1305,0.0 955,0.165,10\nF,0.56,0.43,0.15,0.8825,0.3465,0.172,0.31,9\nM,0.405,0.305,0.08 5,0.2605,0.1145,0.0595,0.085,8\nF,0.47,0.365,0.105,0.4205,0.163,0.1035,0.14,9 \nI,0.385,0.295,0.085,0.2535,0.103,0.0575,0.085,7\nF,0.515,0.425,0.14,0.766,0. 304,0.1725,0.255,14\nM,0.37,0.265,0.075,0.214,0.09,0.051,0.07,6\nI,0.36,0.28,  $0.08, 0.1755, 0.081, 0.0505, 0.07, 6 \ nI, 0.27, 0.195, 0.06, 0.073, 0.0285, 0.0235, 0.03, 5$ \nI,0.375,0.275,0.09,0.238,0.1075,0.0545,0.07,6\nI,0.385,0.29,0.085,0.2505,0.1  $12,0.061,0.08,8 \times 0.7,0.535,0.16,1.7255,0.63,0.2635,0.54,19 \times 0.71,0.54,0.16$ 5,1.959,0.7665,0.261,0.78,18 \nM, 0.595,0.48,0.165,1.262,0.4835,0.283,0.41,17 \n F,0.44,0.35,0.125,0.4035,0.175,0.063,0.129,9\nF,0.325,0.26,0.09,0.1915,0.085,  $0.036, 0.062, 7 \ln 1, 0.35, 0.26, 0.095, 0.211, 0.086, 0.056, 0.068, 7 \ln 1, 0.265, 0.2, 0.065,$  $0.0975, 0.04, 0.0205, 0.028, 7 \ nf, 0.425, 0.33, 0.115, 0.406, 0.1635, 0.081, 0.1355, 8 \ nf,$  $0.305, 0.23, 0.08, 0.156, 0.0675, 0.0345, 0.048, 7 \ nM, 0.345, 0.255, 0.09, 0.2005, 0.094,$  $0.0295, 0.063, 9 \\ \text{nF}, 0.405, 0.325, 0.11, 0.3555, 0.151, 0.063, 0.117, 9 \\ \text{nM}, 0.375, 0.285, 0.117, 0.063, 0.063$  $0.095, 0.253, 0.096, 0.0575, 0.0925, 9 \ nF, 0.565, 0.445, 0.155, 0.826, 0.341, 0.2055, 0.24$ 75,10\nF,0.55,0.45,0.145,0.741,0.295,0.1435,0.2665,10\nM,0.65,0.52,0.19,1.344 5,0.519,0.306,0.4465,16\nM,0.56,0.455,0.155,0.797,0.34,0.19,0.2425,11\nM,0.47 5,0.375,0.13,0.5175,0.2075,0.1165,0.17,10\nF,0.49,0.38,0.125,0.549,0.245,0.107 5,0.174,10\nM,0.46,0.35,0.12,0.515,0.224,0.108,0.1565,10\nI,0.28,0.205,0.08,0.  $127, 0.052, 0.039, 0.042, 9 \ nI, 0.175, 0.13, 0.055, 0.0315, 0.0105, 0.0065, 0.0125, 5 \ nI,$  $0.17, 0.13, 0.095, 0.03, 0.013, 0.008, 0.01, 4 \ nm, 0.59, 0.475, 0.145, 1.053, 0.4415, 0.26$ 2,0.325,15\nf,0.605,0.5,0.185,1.1185,0.469,0.2585,0.335,9\nf,0.635,0.515,0.19,  $1.3715, 0.5065, 0.305, 0.45, 10 \ nF, 0.605, 0.485, 0.16, 1.0565, 0.37, 0.2355, 0.355, 10 \ nF, 0.605, 0.37, 0.2355, 0.37, 0.2355, 0.355, 10 \ nF, 0.605, 0.37, 0.2355, 0.37, 0.2355, 0.355, 10 \ nF, 0.605, 0.37, 0.2355, 0.37, 0.2355, 0.355, 10 \ nF, 0.605, 0.37, 0.2355, 0.37, 0.2355, 0.355, 10 \ nF, 0.605, 0.37, 0.2355, 0.37, 0.2355, 0.355, 0$ 

F, 0.565, 0.45, 0.135, 0.9885, 0.387, 0.1495, 0.31, 12\nM, 0.515, 0.405, 0.13, 0.722, 0.32,  $0.131, 0.21, 10 \\ \text{nf}, 0.575, 0.46, 0.19, 0.994, 0.392, 0.2425, 0.34, 13 \\ \text{nm}, 0.645, 0.485, 0.285, 0.285, 0.295, 0.355,$  $15, 1.514, 0.546, 0.2615, 0.635, 16 \\ \mathsf{nF}, 0.58, 0.455, 0.17, 0.9075, 0.374, 0.2135, 0.285, 138, 0.285,$ \nF,0.575,0.46,0.165,1.124,0.2985,0.1785,0.44,13\nM,0.605,0.465,0.165,1.056,0.  $4215, 0.2475, 0.34, 13 \\ 13 \\ 17, 0.605, 0.485, 0.16, 1.222, 0.53, 0.2575, 0.28, 13 \\ 13 \\ 13 \\ 10.61, 0.48, 0.61, 0.48, 0.61, 0.48, 0.61, 0.48, 0.61, 0.48, 0.61, 0.48, 0.61, 0.48, 0.61, 0.48, 0.61, 0.6$  $5, 0.175, 1.2445, 0.544, 0.297, 0.345, 12 \\ \text{nf}, 0.725, 0.56, 0.21, 2.141, 0.65, 0.398, 1.005, 0.175, 1.2445, 0.544, 0.297, 0.345, 12 \\ \text{nf}, 0.725, 0.56, 0.21, 2.141, 0.65, 0.398, 1.005, 0.175, 1.2445, 0.544, 0.297, 0.345, 12 \\ \text{nf}, 0.725, 0.56, 0.21, 2.141, 0.65, 0.398, 1.005, 0.21, 0$ 18\nF,0.65,0.545,0.23,1.752,0.5605,0.2895,0.815,16\nM,0.725,0.57,0.19,2.55,1.0 705,0.483,0.725,14\nF,0.725,0.575,0.175,2.124,0.765,0.4515,0.85,20\nF,0.68,0.5 7,0.205,1.842,0.625,0.408,0.65,20\nM,0.705,0.56,0.22,1.981,0.8175,0.3085,0.76, 14\nF,0.68,0.515,0.175,1.6185,0.5125,0.409,0.62,12\nM,0.695,0.55,0.215,1.9565,  $0.7125, 0.541, 0.59, 14 \\ nF, 0.53, 0.395, 0.145, 0.775, 0.308, 0.169, 0.255, 7 \\ nM, 0.525, 0.$ 435,0.155,1.065,0.486,0.233,0.285,8\nF,0.52,0.405,0.115,0.776,0.32,0.1845,0.2 2,8\nI,0.235,0.16,0.04,0.048,0.0185,0.018,0.015,5\nI,0.36,0.26,0.09,0.1785,0.0 645,0.037,0.075,7\nI,0.315,0.21,0.06,0.125,0.06,0.0375,0.035,5\nI,0.315,0.245, 0.085,0.1435,0.053,0.0475,0.05,8\nI,0.225,0.16,0.045,0.0465,0.025,0.015,0.015,  $4 \times 0.58, 0.475, 0.15, 0.97, 0.385, 0.2165, 0.35, 11 \times 0.57, 0.48, 0.18, 0.9395, 0.399, 0.3$  $0.2, 0.295, 14 \\ nM, 0.64, 0.51, 0.175, 1.368, 0.515, 0.266, 0.57, 21 \\ nF, 0.56, 0.45, 0.16, 1.$  $0235, 0.429, 0.268, 0.3, 10 \ nf, 0.62, 0.475, 0.175, 1.0165, 0.4355, 0.214, 0.325, 10 \ nf, 0.62, 0.475, 0.175, 1.0165, 0.4355, 0.214, 0.325, 10 \ nf, 0.62, 0.475, 0.175, 1.0165, 0.4355, 0.214, 0.325, 10 \ nf, 0.62, 0.475, 0.175, 1.0165, 0.4355, 0.214, 0.325, 10 \ nf, 0.62, 0.475, 0.175, 1.0165, 0.4355, 0.214, 0.325, 10 \ nf, 0.62, 0.475, 0.175, 1.0165, 0.4355, 0.214, 0.325, 10 \ nf, 0.62, 0.475, 0.175, 0.175, 0.165, 0.4355, 0.214, 0.325, 10 \ nf, 0.62, 0.475, 0.175, 0.175, 0.165, 0.4355, 0.214, 0.325, 0.214, 0.$ 645,0.51,0.2,1.5675,0.621,0.367,0.46,12\nM,0.62,0.49,0.19,1.218,0.5455,0.2965,  $0.355,13\nF,0.63,0.48,0.15,1.0525,0.392,0.336,0.285,12\nF,0.63,0.5,0.185,1.38$  $3,0.54,0.3315,0.38,10\nf,0.63,0.48,0.16,1.199,0.5265,0.335,0.315,11\nf,0.585,$  $0.46, 0.17, 0.9325, 0.365, 0.271, 0.29, 9 \times 0.615, 0.48, 0.18, 1.1595, 0.4845, 0.2165, 0.216$  $325,13 \ln 0.61,0.485,0.17,1.0225,0.419,0.2405,0.36,12 \ln 0.58,0.45,0.15,0.927,$ 0.276,0.1815,0.36,14\nI,0.355,0.275,0.085,0.22,0.092,0.06,0.15,8\nF,0.51,0.4,  $0.14, 0.8145, 0.459, 0.1965, 0.195, 10 \nM, 0.5, 0.405, 0.155, 0.772, 0.346, 0.1535, 0.245,$ 12\nF,0.505,0.41,0.15,0.644,0.285,0.145,0.21,11\nM,0.64,0.5,0.185,1.3035,0.444 5,0.2635,0.465,16\nM,0.56,0.45,0.16,0.922,0.432,0.178,0.26,15\nM,0.585,0.46,0.  $185, 0.922, 0.3635, 0.213, 0.285, 10 \\ 10, 10, 0.45, 0.345, 0.12, 0.4165, 0.1655, 0.095, 0.135, 9.000, 0.10000, 0.10000, 0.10000, 0.1000, 0.1000, 0.1000, 0.1000, 0.1000, 0.1000, 0.1000, 0.1000, 0.1000, 0.1000, 0.1000, 0.$ \nM,0.5,0.4,0.165,0.825,0.254,0.205,0.285,13\nF,0.5,0.4,0.145,0.63,0.234,0.146 5,0.23,12\nF,0.53,0.435,0.17,0.8155,0.2985,0.155,0.275,13\nM,0.42,0.335,0.115, 0.369,0.171,0.071,0.12,8\nf,0.44,0.34,0.14,0.482,0.186,0.1085,0.16,9\nI,0.4,0.  $3,0.11,0.315,0.109,0.067,0.12,9 \ nI,0.435,0.34,0.11,0.3795,0.1495,0.085,0.12,8$ \nf,0.525,0.415,0.17,0.8325,0.2755,0.1685,0.31,13\nI,0.37,0.28,0.095,0.2655,0. 122,0.052,0.08,7\nF,0.49,0.365,0.145,0.6345,0.1995,0.1625,0.22,10\nM,0.335,0.2  $5,0.09,0.181,0.0755,0.0415,0.06,7 \\ nF,0.415,0.325,0.105,0.38,0.1595,0.0785,0.1$ 2,12\nM,0.5,0.405,0.14,0.6155,0.241,0.1355,0.205,9\nF,0.485,0.395,0.16,0.66,0.  $2475, 0.128, 0.235, 14 \times 0.55, 0.405, 0.14, 0.8025, 0.244, 0.1635, 0.255, 10 \times 0.45, 0.255, 0.245,$ 35,0.13,0.46,0.174,0.111,0.135,8\nI,0.405,0.3,0.12,0.324,0.1265,0.07,0.11,7\n  $M, 0.47, 0.36, 0.135, 0.501, 0.1665, 0.115, 0.165, 10 \ nF, 0.415, 0.305, 0.13, 0.32, 0.1305,$  $0.0755, 0.105, 8 \ nF, 0.445, 0.325, 0.125, 0.455, 0.1785, 0.1125, 0.14, 9 \ nF, 0.47, 0.35, 0.$  $145, 0.5175, 0.187, 0.1235, 0.18, 11 \nF, 0.49, 0.375, 0.15, 0.5755, 0.22, 0.144, 0.19, 9 \n$ F,0.445,0.355,0.15,0.485,0.181,0.125,0.155,11\nI,0.425,0.38,0.105,0.3265,0.128 5,0.0785,0.1,10\nf,0.5,0.37,0.135,0.45,0.1715,0.1055,0.155,9\nf,0.39,0.29,0.12 5,0.3055,0.121,0.082,0.09,7\nI,0.365,0.27,0.085,0.205,0.078,0.0485,0.07,7\nF,  $0.58, 0.465, 0.165, 1.1015, 0.404, 0.2095, 0.35, 11 \nf, 0.53, 0.415, 0.16, 0.783, 0.2935,$  $0.158, 0.245, 15 \\ nM, 0.555, 0.445, 0.135, 0.836, 0.336, 0.1625, 0.275, 13 \\ nM, 0.565, 0.44, 0.185, 0.1$  $0.175, 0.9025, 0.31, 0.193, 0.325, 14 \nM, 0.625, 0.505, 0.215, 1.4455, 0.496, 0.287, 0.43$ 5,22\nI,0.275,0.215,0.075,0.1155,0.0485,0.029,0.035,7\nI,0.44,0.35,0.135,0.43 5,0.1815,0.083,0.125,12\nI,0.295,0.225,0.08,0.124,0.0485,0.032,0.04,9\nI,0.07 5,0.055,0.01,0.002,0.001,0.0005,0.0015,1\nI,0.13,0.1,0.03,0.013,0.0045,0.003, 0.004,3\nI,0.11,0.09,0.03,0.008,0.0025,0.002,0.003,3\nI,0.16,0.12,0.035,0.021,  $0.0075, 0.0045, 0.005, 5 \times 0.005, 0.425, 0.16, 0.9425, 0.3495, 0.2185, 0.275, 17 \times 0.225, 0.3495, 0.$ 7,0.2,0.07,0.1,0.034,0.0245,0.035,502,5\nI,0.3,0.23,0.08,0.1275,0.0435,0.0265,0.04,8\nI,0.33,0.255,0.085,0.1655, 0.063,0.039,0.06,8\nI,0.35,0.26,0.085,0.174,0.0705,0.0345,0.06,10\nI,0.32,0.24 5,0.08,0.1585,0.0635,0.0325,0.05,13\nI,0.36,0.275,0.085,0.1975,0.0745,0.0415, 0.07,9\nI,0.305,0.245,0.075,0.156,0.0675,0.038,0.045,7\nI,0.345,0.27,0.11,0.21 $35,0.082,0.0545,0.07,7 \ln 1,0.33,0.25,0.105,0.1715,0.0655,0.035,0.06,7 \ln M,0.59,$  $0.47, 0.18, 1.1235, 0.4205, 0.2805, 0.36, 13 \nF, 0.595, 0.455, 0.155, 1.0605, 0.5135, 0.21$ 65,0.3,12\nF,0.575,0.46,0.185,1.094,0.4485,0.217,0.345,15\nM,0.6,0.495,0.165, 1.2415,0.485,0.2775,0.34,15\nM,0.56,0.45,0.175,1.011,0.3835,0.2065,0.37,15\nM,  $0.56, 0.45, 0.185, 1.07, 0.3805, 0.175, 0.41, 19 \\ \text{nM}, 0.545, 0.46, 0.16, 0.8975, 0.341, 0.16$ 55,0.345,10\nf,0.635,0.505,0.17,1.415,0.605,0.297,0.365,15\nf,0.59,0.475,0.16,  $1.1015, 0.4775, 0.2555, 0.295, 13 \nf, 0.54, 0.475, 0.155, 0.928, 0.394, 0.194, 0.26, 11 \n$ F, 0.57, 0.44, 0.125, 0.865, 0.3675, 0.1725, 0.27, 12\nM, 0.53, 0.42, 0.165, 0.8945, 0.319,  $0.239, 0.245, 11 \\ 11, 0.245, 0.195, 0.06, 0.095, 0.0445, 0.0245, 0.026, 4 \\ 10, 0.27, 0.27, 0.20, 0.00, 0$  $8, 0.1205, 0.0465, 0.028, 0.04, 6 \\ \text{nf}, 0.46, 0.38, 0.13, 0.639, 0.3, 0.1525, 0.16, 11 \\ \text{nm}, 0.5$ 2,0.45,0.15,0.895,0.3615,0.186,0.235,14 \nM, 0.35,0.275,0.11,0.2925,0.1225,0.063 5,0.0905,8\nM,0.47,0.39,0.15,0.6355,0.2185,0.0885,0.255,9\nF,0.45,0.36,0.125,

0.4995,0.2035,0.1,0.17,13\nf,0.64,0.525,0.215,1.779,0.4535,0.2855,0.55,22\nM,  $0.59, 0.5, 0.2, 1.187, 0.412, 0.2705, 0.37, 16 \\ \text{nM}, 0.62, 0.485, 0.205, 1.219, 0.3875, 0.250$  $5, 0.385, 14 \\ nm, 0.63, 0.505, 0.225, 1.525, 0.56, 0.3335, 0.45, 15 \\ nm, 0.63, 0.515, 0.155, 0.1$  $1.259, 0.4105, 0.197, 0.41, 13 \\ 13 \\ 10, 0.655, 0.54, 0.215, 1.844, 0.7425, 0.327, 0.585, 22 \\ 17, 0.585, 0.215, 0.327, 0.585$  $0.66, 0.53, 0.185, 1.3485, 0.493, 0.245, 0.49, 12\\ \\ 12\\ \\ 10.61, 0.5, 0.24, 1.642, 0.532, 0.334$ 5,0.69,18\nM,0.635,0.525,0.205,1.484,0.55,0.3115,0.43,20\nF,0.515,0.425,0.135,  $0.712, 0.2665, 0.1605, 0.25, 11 \\ nF, 0.535, 0.415, 0.185, 0.8415, 0.314, 0.1585, 0.3, 15 \\ nR, 0.185, 0.$ I,0.36,0.285,0.105,0.2415,0.0915,0.057,0.075,7\nF,0.455,0.355,0.12,0.4495,0.17 7,0.104,0.15,9 \nm, 0.485,0.395,0.14,0.6295,0.2285,0.127,0.225,14 \nm, 0.515,0.38,0.127,0.104,0.150.175,0.9565,0.325,0.158,0.31,14\nF,0.535,0.415,0.17,0.879,0.295,0.1965,0.285, 10\nM, 0.53, 0.435, 0.155, 0.699, 0.288, 0.1595, 0.205, 10\nF, 0.495, 0.4, 0.155, 0.6445,  $0.242, 0.1325, 0.205, 17 \\ nM, 0.44, 0.355, 0.125, 0.4775, 0.132, 0.0815, 0.19, 9 \\ nF, 0.535, 0.125, 0.1$  $0.435, 0.16, 0.8105, 0.3155, 0.1795, 0.24, 10 \nM, 0.54, 0.435, 0.18, 0.996, 0.3835, 0.226,$ 0.325,17\nF,0.565,0.505,0.21,1.2765,0.501,0.279,0.355,12\nM,0.61,0.475,0.165, 1.116,0.428,0.2205,0.315,15\nF,0.565,0.455,0.175,1.013,0.342,0.207,0.35,19\nM,  $0.6, 0.495, 0.195, 1.0575, 0.384, 0.19, 0.375, 26 \nI, 0.295, 0.215, 0.085, 0.128, 0.049, 0.$  $034,0.04,6 \\ nI,0.275,0.205,0.075,0.1105,0.045,0.0285,0.035,6 \\ nI,0.28,0.21,0.08$ 5,0.1065,0.039,0.0295,0.03,4 nm,0.49,0.395,0.14,0.549,0.2215,0.1275,0.15,11 n $M, 0.37, 0.28, 0.105, 0.234, 0.0905, 0.0585, 0.075, 9 \ nF, 0.405, 0.305, 0.095, 0.3485, 0.14$ 55,0.0895,0.1,9\nF,0.54,0.435,0.175,0.892,0.322,0.174,0.335,13\nM,0.37,0.28,0. 1,0.252,0.1065,0.0595,0.074,8\nM,0.36,0.27,0.1,0.217,0.0885,0.0495,0.0715,6\n  $F, 0.47, 0.36, 0.13, 0.472, 0.182, 0.114, 0.15, 10 \ nI, 0.2, 0.145, 0.06, 0.037, 0.0125, 0.00$ 95,0.011,4\nI,0.165,0.12,0.03,0.0215,0.007,0.005,0.005,3\nM,0.645,0.515,0.24,  $1.5415, 0.471, 0.369, 0.535, 13 \times 0.55, 0.41, 0.125, 0.7605, 0.2505, 0.1635, 0.195, 14 \times 0.125, 0.$  $M, 0.57, 0.435, 0.145, 0.9055, 0.3925, 0.2355, 0.275, 10 \nF, 0.63, 0.485, 0.19, 1.2435, 0.485, 0.19, 1.2435, 0.485, 0.19, 1.2435, 0.485, 0.19, 1.2435, 0.485, 0.19, 1.2435, 0.485, 0.19, 1.2435, 0.485, 0.19, 1.2435, 0.485, 0.19, 1.2435, 0.485, 0.19, 1.2435, 0.485, 0.19, 1.2435, 0.19, 1.2455, 0.19, 1.2455, 0.19, 1.2455, 0.19, 1.2455, 0.19, 1.2455, 0.19, 1.2455, 0.19, 1.2455, 0.19, 1.2455, 0.19, 1.2455, 0.19, 1.2455, 0.19, 1.2455, 0.19, 1.2455, 0.19, 0.$  $635, 0.3055, 0.39, 21 \times 0.56, 0.44, 0.14, 0.971, 0.443, 0.2045, 0.265, 14 \times 0.595, 0.45$ 5,0.195,1.3305,0.4595,0.3235,0.345,19\nF,0.62,0.47,0.2,1.2255,0.381,0.27,0.43 5,23\nM,0.63,0.485,0.175,1.3,0.4335,0.2945,0.46,23\nI,0.45,0.355,0.11,0.4585, 0.194,0.067,0.14,8\nF,0.635,0.535,0.19,1.242,0.576,0.2475,0.39,14\nM,0.45,0.3 5,0.1,0.3675,0.1465,0.1015,0.12,10\nF,0.58,0.455,0.155,0.8365,0.315,0.1385,0.3 2,18\nI,0.33,0.255,0.095,0.172,0.066,0.0255,0.06,6\nI,0.265,0.21,0.06,0.0965,  $0.0425, 0.022, 0.03, 5 \times 0.19, 0.145, 0.04, 0.038, 0.0165, 0.0065, 0.015, 4 \times 0.385, 0.0165,$  $31,0.1,0.2845,0.1065,0.075,0.1,11\nI,0.265,0.205,0.07,0.1055,0.039,0.041,0.03$ 5,5\nM,0.335,0.265,0.105,0.222,0.0935,0.056,0.075,7\nI,0.355,0.275,0.09,0.251, 0.097,0.053,0.08,7\nI,0.32,0.255,0.1,0.1755,0.073,0.0415,0.065,7\nM,0.51,0.4,  $0.13, 0.6435, 0.27, 0.1665, 0.205, 12 \nM, 0.36, 0.295, 0.105, 0.241, 0.0865, 0.053, 0.095,$ 8\nI,0.36,0.28,0.09,0.2255,0.0885,0.04,0.09,8\nM,0.5,0.38,0.155,0.5955,0.2135,  $0.161, 0.2, 12 \\ \text{nf}, 0.4, 0.325, 0.12, 0.3185, 0.134, 0.0565, 0.095, 8 \\ \text{nI}, 0.3, 0.22, 0.08, 0.$ 121,0.0475,0.042,0.035,5\nI,0.235,0.175,0.04,0.0705,0.0335,0.015,0.02,5\nF,0.7 4,0.6,0.195,1.974,0.598,0.4085,0.71,16\nM,0.62,0.465,0.19,1.3415,0.5705,0.317 5,0.355,11\nM,0.6,0.475,0.19,1.0875,0.403,0.2655,0.325,14\nM,0.59,0.45,0.185, 1.283, 0.473, 0.276, 0.425, 16 nm, 0.62, 0.475, 0.185, 1.325, 0.6045, 0.325, 0.33, 13 nf, 0.62, 0.475, 0.185, 1.325, 0.6045, 0.325, 0.33, 13 $0.565, 0.45, 0.195, 1.0035, 0.406, 0.2505, 0.285, 15 \nM, 0.575, 0.455, 0.145, 1.165, 0.58$ 1,0.2275,0.3,14\nf,0.62,0.51,0.205,1.3475,0.4775,0.2565,0.48,14\nm,0.62,0.465, 0.185,1.274,0.579,0.3065,0.32,12\nF,0.505,0.375,0.18,0.568,0.2325,0.1495,0.17, 12\nF,0.46,0.425,0.155,0.746,0.3005,0.152,0.24,8\nM,0.49,0.39,0.14,0.707,0.279 5,0.2185,0.18,13\nf,0.525,0.42,0.16,0.756,0.2745,0.173,0.275,9\nI,0.34,0.26,0. 08,0.2,0.08,0.0555,0.055,6 nI,0.375,0.305,0.115,0.2715,0.092,0.074,0.09,8 nM, $0.61, 0.48, 0.15, 1.2, 0.56, 0.2455, 0.28, 14 \ nF, 0.61, 0.495, 0.185, 1.153, 0.536, 0.2905,$  $0.245,8\nF$ , 0.585, 0.45, 0.17, 0.8685, 0.3325, 0.1635, 0.27,  $22\nM$ , 0.57, 0.46, 0.14, 0.9535,0.4465,0.2065,0.245,12\nM,0.58,0.455,0.17,0.93,0.408,0.259,0.22,9\nM,0.635,  $0.515, 0.17, 1.275, 0.509, 0.286, 0.34, 16 \nM, 0.7, 0.58, 0.205, 2.13, 0.7415, 0.49, 0.58, 0.58$ 0\nM,0.675,0.525,0.185,1.587,0.6935,0.336,0.395,13\nF,0.645,0.525,0.19,1.8085,  $0.7035, 0.3885, 0.395, 18 \nM, 0.745, 0.585, 0.215, 2.499, 0.9265, 0.472, 0.7, 17 \nF, 0.68$ 5,0.545,0.18,1.768,0.7495,0.392,0.485,16 nM,0.605,0.49,0.18,1.227,0.48,0.287, $0.35,18\nf,0.59,0.465,0.15,0.997,0.392,0.246,0.34,12\nf,0.65,0.525,0.175,1.422$ 5,0.61,0.2995,0.445,20\nf,0.6,0.48,0.15,1.029,0.4085,0.2705,0.295,16\nf,0.62, 0.5, 0.175, 1.186, 0.4985, 0.3015, 0.35, 12 nm, 0.63, 0.515, 0.16, 1.016, 0.4215, 0.244, 0.355,19\nM,0.58,0.465,0.145,0.887,0.4405,0.1655,0.265,11\nF,0.58,0.455,0.12,1.0  $735,0.479,0.2735,0.265,10\nM,0.63,0.49,0.18,1.13,0.458,0.2765,0.315,12\nF,0.6$  $9, 0.56, 0.215, 1.719, 0.68, 0.299, 0.47, 17 \nf, 0.65, 0.545, 0.165, 1.566, 0.6645, 0.3455,$  $0.415, 16 \\ \text{nf}, 0.66, 0.565, 0.195, 1.7605, 0.692, 0.3265, 0.5, 16 \\ \text{nf}, 0.68, 0.58, 0.2, 1.78$ 7,0.585,0.453,0.6,19\nF,0.7,0.575,0.17,1.31,0.5095,0.314,0.42,14\nM,0.685,0.5 2,0.15,1.343,0.4635,0.292,0.4,13\nf,0.675,0.545,0.195,1.7345,0.6845,0.3695,0.6  $05,20\nM,0.63,0.49,0.19,1.1775,0.4935,0.3365,0.285,11\nF,0.585,0.45,0.16,1.07$ 7,0.4995,0.2875,0.25,10 \nm, 0.565,0.465,0.175,0.995,0.3895,0.183,0.37,15 \nf, 0.665,0.183,0.3895,0.183 $1,0.495,0.185,1.1085,0.3705,0.3135,0.33,12\nM,0.605,0.47,0.18,1.1405,0.3755,0.$  $2805, 0.385, 15 \ln 0.535, 0.42, 0.145, 0.791, 0.33, 0.189, 0.25, 10 \ln 0.485, 0.4, 0.135, 0.42, 0.145, 0.48$  $0.663, 0.313, 0.137, 0.2, 10 \nM, 0.47, 0.375, 0.12, 0.5565, 0.226, 0.122, 0.195, 12 \nM, 0.5$  45,0.425,0.135,0.8445,0.373,0.21,0.235,10\nF,0.455,0.37,0.105,0.4925,0.216,0.1  $245, 0.135, 9 \\ \\ \text{nM}, 0.54, 0.42, 0.155, 0.7385, 0.3515, 0.152, 0.215, 12 \\ \\ \text{nM}, 0.46, 0.38, 0.13,$  $5, 0.482, 0.207, 0.1225, 0.145, 10 \\ \\ nM, 0.49, 0.42, 0.125, 0.609, 0.239, 0.1435, 0.22, 14 \\ \\ nM, 0.49, 0.42, 0.125, 0.609, 0.239, 0.1435, 0.22, 14 \\ \\ nM, 0.49, 0.42, 0.125, 0.609, 0.239, 0.1435, 0.22, 14 \\ \\ nM, 0.49, 0.42, 0.125, 0.609, 0.239, 0.1435, 0.22, 14 \\ \\ nM, 0.49, 0.42, 0.125, 0.609, 0.239, 0.1435, 0.22, 14 \\ \\ nM, 0.49, 0.42, 0.125, 0.609, 0.239, 0.1435, 0.22, 0.22, 0.239,$ I,0.465,0.375,0.12,0.471,0.222,0.119,0.14,9\nI,0.415,0.325,0.1,0.3215,0.1535,  $0.0595, 0.105, 10 \\ \ln M, 0.475, 0.375, 0.125, 0.593, 0.277, 0.115, 0.18, 10 \\ \ln F, 0.47, 0.375, 0.$  $0.125, 0.5615, 0.252, 0.137, 0.18, 10 \\ 10, 0.365, 0.295, 0.095, 0.25, 0.1075, 0.0545, 0.08, 0.085$ 9\ni,0.345,0.275,0.095,0.1995,0.0755,0.0535,0.07,6\ni,0.39,0.31,0.1,0.302,0.11  $6, 0.064, 0.115, 11 \\ \text{nf}, 0.5, 0.395, 0.14, 0.7155, 0.3165, 0.176, 0.24, 10 \\ \text{nM}, 0.47, 0.38, 0.066, 0.176, 0.24, 0.066, 0.176, 0.24, 0.066,$ 145,0.5865,0.2385,0.144,0.185,8\nM,0.535,0.44,0.15,0.6765,0.256,0.139,0.26,12 \nM, 0.585, 0.455, 0.15, 0.987, 0.4355, 0.2075, 0.31, 11\nF, 0.485, 0.365, 0.12, 0.5885, 0. 27,0.131,0.175,9\nM,0.515,0.455,0.135,0.7225,0.295,0.1625,0.235,9\nF,0.435,0.3  $25, 0.11, 0.4335, 0.178, 0.0985, 0.155, 7 \\ nF, 0.515, 0.415, 0.14, 0.6935, 0.3115, 0.152, 0.$ 2,10\nI,0.44,0.345,0.12,0.365,0.1655,0.083,0.11,7\nF,0.525,0.44,0.15,0.8425,0. 3685,0.1985,0.24,12\nm,0.45,0.355,0.115,0.479,0.2125,0.1045,0.15,8\nm,0.59,0.4 85,0.12,0.911,0.39,0.182,0.29,16\nM,0.555,0.45,0.145,0.915,0.4,0.246,0.285,11 \nM,0.57,0.44,0.095,0.827,0.3395,0.2215,0.235,8\nM,0.59,0.5,0.165,1.1045,0.456 5,0.2425,0.34,15\nM,0.585,0.475,0.12,0.945,0.41,0.2115,0.28,14\nF,0.58,0.46,0.  $12,0.9935,0.4625,0.2385,0.28,11\nM,0.545,0.44,0.12,0.8565,0.3475,0.1715,0.24,1$ 2\nf,0.605,0.495,0.17,1.2385,0.528,0.2465,0.39,14\nf,0.62,0.47,0.14,1.0325,0.3 605,0.224,0.36,15\nf,0.63,0.5,0.17,1.3135,0.5595,0.267,0.4,20\nM,0.63,0.515,0. 165,1.352,0.488,0.349,0.45,20\nF,0.63,0.5,0.155,1.005,0.367,0.199,0.36,16\nM, 0.545,0.41,0.14,0.625,0.223,0.16,0.235,13\nF,0.67,0.54,0.165,1.5015,0.518,0.35  $8,0.505,14 \ln I,0.49,0.38,0.12,0.529,0.2165,0.139,0.155,11 \ln F,0.49,0.39,0.135,0.$ 5785,0.2465,0.123,0.2,13\nI,0.29,0.225,0.07,0.101,0.036,0.0235,0.035,8\nI,0.2 6,0.2,0.07,0.092,0.037,0.02,0.03,6\nM,0.58,0.45,0.175,1.068,0.425,0.203,0.32,1 3\nF,0.61,0.485,0.165,1.0915,0.3935,0.2435,0.33,18\nM,0.6,0.5,0.16,1.015,0.399 5,0.1735,0.33,19\nf,0.56,0.455,0.125,0.943,0.344,0.129,0.375,21\nf,0.575,0.45,  $0.17, 1.0475, 0.3775, 0.1705, 0.385, 18 \\ \ln F, 0.57, 0.45, 0.175, 0.9555, 0.38, 0.1665, 0.29$ 5,18\nM,0.6,0.47,0.155,1.036,0.4375,0.196,0.325,20\nM,0.565,0.455,0.17,0.9065,  $0.342, 0.156, 0.32, 18 \\ \mathsf{NM}, 0.545, 0.42, 0.14, 0.7505, 0.2475, 0.13, 0.255, 22 \\ \mathsf{NI}, 0.44, 0.325, 0.125,$  $45, 0.1, 0.366, 0.122, 0.0905, 0.12, 13 \\ \mathsf{nM}, 0.5, 0.41, 0.15, 0.662, 0.2815, 0.137, 0.22, 11$ \nI,0.36,0.275,0.095,0.217,0.084,0.0435,0.09,7\nI,0.385,0.305,0.095,0.252,0.09 15,0.055,0.09,14 \nm, 0.39,0.3,0.09,0.3055,0.143,0.0645,0.085,9 \nm, 0.5,0.415,0.165,0.6885,0.249,0.138,0.25,13\nI,0.36,0.275,0.11,0.2335,0.095,0.0525,0.085,10 \nI,0.335,0.26,0.1,0.192,0.0785,0.0585,0.07,8\nF,0.505,0.425,0.14,0.85,0.275, 0.1625,0.285,19\nI,0.395,0.295,0.1,0.2715,0.134,0.0325,0.085,10\nF,0.41,0.325,  $0.105, 0.3635, 0.159, 0.077, 0.12, 10 \nF, 0.56, 0.455, 0.19, 0.714, 0.283, 0.129, 0.275, 9$ \nM, 0.565, 0.435, 0.185, 0.9815, 0.329, 0.136, 0.39, 13\nM, 0.565, 0.455, 0.185, 0.9265, 0.354, 0.1575, 0.375, 16 nm, 0.605, 0.5, 0.175, 1.098, 0.4765, 0.232, 0.375, 12 nF, 0.565, 0.565, 0.175, 0 $0.455, 0.15, 0.8205, 0.365, 0.159, 0.26, 18 \nM, 0.725, 0.565, 0.215, 1.891, 0.6975, 0.472$ 5,0.58,16\nf,0.675,0.535,0.16,1.41,0.592,0.3175,0.42,16\nf,0.665,0.555,0.195,  $1.4385, 0.581, 0.354, 0.36, 17 \ nF, 0.565, 0.49, 0.155, 0.9245, 0.405, 0.2195, 0.255, 11 \ nF, 0.565, 0.405, 0.581, 0.$  $F, 0.645, 0.55, 0.175, 1.2915, 0.57, 0.3045, 0.33, 14 \nm, 0.575, 0.47, 0.14, 0.8375, 0.348$ 5,0.1735,0.24,11\nf,0.64,0.54,0.175,1.221,0.51,0.259,0.39,15\nI,0.36,0.28,0.10 5,0.199,0.0695,0.045,0.08,9\nI,0.415,0.31,0.11,0.2965,0.123,0.057,0.0995,10\n  $F, 0.525, 0.41, 0.135, 0.7085, 0.293, 0.1525, 0.235, 11 \nM, 0.38, 0.285, 0.1, 0.2665, 0.11$ 5,0.061,0.075,11\nf,0.585,0.465,0.17,0.9915,0.3865,0.224,0.265,12\nI,0.24,0.18 5,0.07,0.0715,0.026,0.018,0.025,62,5\nI,0.255,0.195,0.07,0.0735,0.0255,0.02,0.025,6\nI,0.175,0.125,0.05,0.0235,  $0.008, 0.0035, 0.008, 5 \\ nF, 0.67, 0.55, 0.19, 1.3905, 0.5425, 0.3035, 0.4, 12 \\ nM, 0.655, 0.$ 53,0.195,1.388,0.567,0.2735,0.41,13\nf,0.68,0.55,0.21,1.7445,0.5975,0.305,0.62 5,17\nM,0.675,0.555,0.2,1.4385,0.545,0.2665,0.465,21\nF,0.53,0.44,0.135,0.783 5,0.313,0.1715,0.2185,9\nF,0.515,0.405,0.12,0.646,0.2895,0.1405,0.177,10\nI,0. 43,0.34,0.12,0.3575,0.151,0.0645,0.1045,9\nF,0.52,0.405,0.12,0.627,0.2645,0.14 15,0.181,11\nF,0.545,0.415,0.16,0.7715,0.272,0.1455,0.2765,10\nM,0.53,0.415,0. 175,0.7395,0.261,0.1395,0.2645,17\nf,0.465,0.35,0.115,0.421,0.1565,0.091,0.134 5,9\nm,0.665,0.54,0.175,1.347,0.4955,0.254,0.415,17\nm,0.735,0.59,0.225,1.756, 0.637,0.3405,0.58,21\nM,0.66,0.545,0.185,1.32,0.5305,0.2635,0.455,16\nF,0.7,0. 585,0.185,1.8075,0.7055,0.3215,0.475,29\nM,0.575,0.4,0.155,0.9325,0.3605,0.244 5,0.3,17\nM,0.57,0.465,0.125,0.849,0.3785,0.1765,0.24,15\nF,0.58,0.46,0.15,0.9  $955, 0.429, 0.212, 0.26, 19 \nM, 0.63, 0.48, 0.145, 1.0115, 0.4235, 0.237, 0.305, 12 \nF, 0.50$ 85,0.465,0.14,0.908,0.381,0.1615,0.315,13\nM,0.55,0.45,0.13,0.92,0.378,0.2385,  $0.29,11\nF,0.625,0.515,0.15,1.2415,0.5235,0.3065,0.36,15\nM,0.54,0.42,0.135,0.$ 8075,0.3485,0.1795,0.235,11\nF,0.57,0.455,0.165,1.0595,0.44,0.2195,0.285,14\n  $\texttt{M}, \texttt{0.59}, \texttt{0.455}, \texttt{0.145}, \texttt{1.073}, \texttt{0.475}, \texttt{0.19}, \texttt{0.285}, \texttt{14} \\ \texttt{nM}, \texttt{0.58}, \texttt{0.46}, \texttt{0.13}, \texttt{0.921}, \texttt{0.357}, \texttt{0.1}$ 81,0.29,13\nf,0.655,0.51,0.155,1.2895,0.5345,0.2855,0.41,11\nM,0.655,0.53,0.17 5,1.2635,0.486,0.2635,0.415,15\nM,0.625,0.5,0.195,1.369,0.5875,0.2185,0.37,17 \nf,0.625,0.5,0.15,0.953,0.3445,0.2235,0.305,15\nf,0.64,0.52,0.175,1.248,0.424 5,0.2595,0.48,12\nF,0.605,0.485,0.165,1.0105,0.435,0.209,0.3,19\nF,0.615,0.52

 $5,0.155,1.0385,0.427,0.2315,0.345,11\nM,0.555,0.45,0.175,0.874,0.3275,0.202,0.$  $305,10 \\ \\ 10,0.58,0.44,0.18,0.854,0.3665,0.1635,0.245,12 \\ \\ 12,0.62,0.52,0.225,1.183,0.854,0.3665,0.1635,0.245,12 \\ \\ 12,0.62,0.52,0.225,1.183,0.854,0.3665,0.1635,0.245,12 \\ \\ 13,0.854,0.854,0.3665,0.1635,0.245,12 \\ \\ 14,0.854,0.854,0.3665,0.1635,0.245,12 \\ \\ 15,0.854,0.8$  $5, 0.378, 0.27, 0.395, 23 \\ \text{nf}, 0.62, 0.47, 0.225, 1.115, 0.378, 0.2145, 0.36, 15 \\ \text{nf}, 0.6, 0.5, 0.5, 0.2145, 0.36, 15 \\ \text{nf}, 0.6, 0.5, 0.2145, 0.36, 0.36, 0.3$ 05,0.19,1.129,0.4385,0.256,0.36,13\nF,0.625,0.485,0.19,1.1745,0.4385,0.2305,0.  $42,17\\ \\ 1.105,0.4865,0.247,0.315,15\\ \\ 1.105,0.46,0.235,0.8395,0.247,0.315,15\\ \\ 1.105,0.46,0.235,0.8395,0.247,0.315,15\\ \\ 1.105,0.46,0.235,0.8395,0.247,0.315,15\\ \\ 1.105,0.46,0.235,0.8395,0.247,0.315,15\\ \\ 1.105,0.46,0.235,0.247,0.315,15\\ \\ 1.105,0.46,0.235,0.247,0.315,15\\ \\ 1.105,0.46,0.235,0.247,0.315,15\\ \\ 1.105,0.247,0.315,0.247,0.247,0.315,0.247,0.247,0.315,0.247,0.247,0.315,0.247,0.247,0.315,0.247,0.247,0.315,0.247,0.2$ 6,0.435,0.18,0.889,0.36,0.204,0.25,11\nI,0.56,0.445,0.155,0.8735,0.3005,0.209, 0.275,16\nI,0.68,0.53,0.185,1.1095,0.439,0.245,0.34,10\nF,0.455,0.35,0.14,0.51  $85, 0.221, 0.1265, 0.135, 10 \nf, 0.49, 0.38, 0.145, 0.6725, 0.249, 0.181, 0.21, 10 \nM, 0.3$ 1,0.22,0.085,0.146,0.061,0.0365,0.045,6\nF,0.275,0.195,0.07,0.08,0.031,0.0215,  $0.025,5 \\ nM, 0.27, 0.195, 0.08, 0.1, 0.0385, 0.0195, 0.03, 6 \\ nM, 0.4, 0.29, 0.115, 0.2795,$  $0.1115, 0.0575, 0.075, 9 \\ \\ \text{nM}, 0.28, 0.2, 0.08, 0.0915, 0.033, 0.0215, 0.03, 5 \\ \\ \text{nM}, 0.325, 0.215, 0.03, 0.0325, 0.0215, 0.032$  $3,0.09,0.147,0.06,0.034,0.045,4\nF,0.345,0.25,0.09,0.203,0.078,0.059,0.055,6\n$ M, 0.21, 0.15, 0.05, 0.0385, 0.0155, 0.0085, 0.01, 3\nF, 0.36, 0.27, 0.09, 0.1885, 0.0845,  $0.0385, 0.055, 5 \ln I, 0.365, 0.26, 0.115, 0.218, 0.0935, 0.0445, 0.07, 9 \ln M, 0.2, 0.14, 0.05$ 5,0.035,0.0145,0.008,0.01,5 nM,0.235,0.16,0.06,0.0545,0.0265,0.0095,0.015,4 $M, 0.175, 0.125, 0.04, 0.024, 0.0095, 0.006, 0.005, 4 \nM, 0.155, 0.11, 0.04, 0.0155, 0.006$ 5,0.003,0.005,3\nf,0.57,0.445,0.155,0.733,0.282,0.159,0.235,14\nf,0.57,0.45,0. 16,0.9715,0.3965,0.255,0.26,12\nM,0.385,0.3,0.095,0.24,0.0885,0.059,0.085,9\n  $I, 0.53, 0.42, 0.185, 0.752, 0.299, 0.156, 0.205, 20 \nF, 0.46, 0.355, 0.13, 0.458, 0.192, 0.$  $1055, 0.13, 13 \ln 1, 0.47, 0.37, 0.12, 0.4705, 0.1845, 0.1055, 0.155, 12 \ln F, 0.435, 0.335, 0.$ 11,0.38,0.1695,0.086,0.11,9\nI,0.47,0.37,0.14,0.4985,0.2095,0.1225,0.145,10\n  $\mathtt{I}, 0.465, 0.38, 0.13, 0.454, 0.1895, 0.08, 0.155, 11 \\ \mathtt{NI}, 0.52, 0.405, 0.14, 0.5775, 0.2, 0.18, 0.1$ 45,0.179,11\nM,0.29,0.23,0.075,0.1165,0.043,0.0255,0.04,7\nM,0.275,0.205,0.07, 0.094, 0.0335, 0.02, 0.0325, 5 nf, 0.375, 0.29, 0.115, 0.2705, 0.093, 0.066, 0.0885, 10 n $\texttt{F,0.5,0.375,0.14,0.604,0.242,0.1415,0.179,15} \\ \texttt{nf,0.44,0.355,0.115,0.415,0.1585,0.1585,0.179,15} \\ \texttt{nf,0.5,0.179,15} \\ \texttt{nf,0.5$  $0.0925, 0.131, 11 \times 0.42, 0.325, 0.115, 0.2885, 0.1, 0.057, 0.1135, 15 \times 0.445, 0.35, 0.10, 0.$  $0.115, 0.3615, 0.1565, 0.0695, 0.117, \\8 \\ nF, 0.38, 0.29, 0.105, 0.257, 0.099, 0.051, 0.085, \\$  $10\nM, 0.32, 0.245, 0.075, 0.1555, 0.0585, 0.038, 0.049, 11\nM, 0.255, 0.195, 0.065, 0.08,$  $0.0315, 0.018, 0.027, 8 \\ \text{nm}, 0.205, 0.155, 0.045, 0.0425, 0.017, 0.0055, 0.0155, \\ 7 \\ \text{nf}, 0.56$  $5, 0.45, 0.16, 0.795, 0.3605, 0.1555, 0.23, 12 \\ 12, 0.555, 0.425, 0.18, 0.875, 0.3695, 0.200$  $5,0.255,11\nI,0.65,0.515,0.16,1.1625,0.495,0.203,0.33,17\nI,0.615,0.49,0.155,$  $0.9885, 0.4145, 0.195, 0.345, 13 \ln 1, 0.56, 0.44, 0.165, 0.8, 0.335, 0.1735, 0.25, 12 \ln 1, 0.56, 0.44, 0.165, 0.8, 0.335, 0.1735, 0.25, 12 \ln 1, 0.56, 0.44, 0.165, 0.8, 0.335, 0.1735, 0.25, 12 \ln 1, 0.56, 0.44, 0.165, 0.8, 0.335, 0.1735, 0.25, 12 \ln 1, 0.56, 0.44, 0.165, 0.8, 0.335, 0.1735, 0.2$ 48,0.37,0.12,0.514,0.2075,0.131,0.155,13\nI,0.485,0.39,0.125,0.591,0.287,0.14  $1, 0.12, 9 \\ \text{nI}, 0.5, 0.385, 0.15, 0.6265, 0.2605, 0.1665, 0.16, 10 \\ \text{nI}, 0.525, 0.405, 0.15, 0.16,$  $795, 0.3075, 0.205, 0.255, 14 \nF, 0.66, 0.5, 0.165, 1.1905, 0.4585, 0.298, 0.37, 12 \nF, 0.66, 0.5, 0.165, 1.1905, 0.4585, 0.298, 0.37, 12 \nF, 0.66, 0.5, 0.165, 1.1905, 0.4585, 0.298, 0.37, 12 \nF, 0.66, 0.5, 0.165, 1.1905, 0.4585, 0.298, 0.37, 12 \nF, 0.66, 0.5, 0.165, 1.1905, 0.4585, 0.298, 0.37, 12 \nF, 0.66, 0.5, 0.165, 0$ 6,0.53,0.17,1.326,0.519,0.2625,0.44,13\nI,0.52,0.4,0.145,0.66,0.267,0.1055,0.2 2,13\nF,0.44,0.34,0.105,0.364,0.148,0.0805,0.1175,8\nI,0.515,0.4,0.12,0.659,0. 2705,0.179,0.17,13\nf,0.475,0.35,0.115,0.452,0.1715,0.092,0.155,11\nf,0.545,0. 415,0.15,0.7335,0.2795,0.163,0.2185,11\nF,0.47,0.355,0.13,0.5465,0.2005,0.126,  $0.185,14\nM,0.35,0.255,0.065,0.179,0.0705,0.0385,0.06,10\nI,0.485,0.355,0.13,$  $0.581, 0.245, 0.132, 0.168, 12 \nI, 0.435, 0.33, 0.125, 0.406, 0.1685, 0.1055, 0.096, 12 \nI$  $M, 0.28, 0.21, 0.08, 0.1085, 0.041, 0.0265, 0.0345, 7 \nF, 0.41, 0.32, 0.115, 0.387, 0.165,$ 0.1005,0.0985,11\nI,0.45,0.35,0.14,0.474,0.21,0.109,0.1275,16\nI,0.45,0.345,0.  $135, 0.443, 0.1975, 0.0875, 0.1175, 14 \\ nf, 0.59, 0.455, 0.155, 1.066, 0.382, 0.2275, 0.41$ 5,20\nF,0.57,0.44,0.14,0.9535,0.3785,0.201,0.305,17\nI,0.61,0.475,0.15,0.9665, 0.4145, 0.2, 0.345, 10 nf, 0.61, 0.475, 0.14, 1.133, 0.5275, 0.2355, 0.35, 11 nI, 0.56, 0.425,0.14,0.9175,0.4005,0.1975,0.26,10\nF,0.585,0.435,0.175,0.982,0.4055,0.2495,  $0.27,10\nI,0.58,0.445,0.15,0.8865,0.383,0.209,0.255,11\nF,0.63,0.48,0.175,1.36$ 75,0.5015,0.3035,0.515,17\nF,0.625,0.49,0.175,1.233,0.5565,0.247,0.365,11\nI,  $0.55, 0.425, 0.15, 0.806, 0.376, 0.171, 0.245, 14 \ nF, 0.645, 0.525, 0.19, 1.4635, 0.6615,$ 0.3435,0.435,19\nI,0.46,0.355,0.14,0.4935,0.216,0.133,0.115,13\nF,0.41,0.305,  $0.1, 0.363, 0.1735, 0.065, 0.11, 11 \nI, 0.495, 0.39, 0.125, 0.6655, 0.284, 0.162, 0.2, 11 \n$  $I, 0.52, 0.425, 0.17, 0.6805, 0.28, 0.174, 0.195, 10 \nF, 0.55, 0.41, 0.145, 0.8285, 0.3095,$  $0.1905, 0.25, 13\nM, 0.45, 0.335, 0.14, 0.4625, 0.164, 0.076, 0.15, 14\nF, 0.405, 0.31, 0.1$ 2,0.3095,0.138,0.058,0.095,13\nI,0.51,0.4,0.15,0.745,0.2865,0.1675,0.235,13\n  $F, 0.37, 0.29, 0.115, 0.25, 0.111, 0.057, 0.075, 9 \ nI, 0.525, 0.41, 0.175, 0.874, 0.3585, 0.$ 207,0.205,18\nf,0.66,0.52,0.18,1.514,0.526,0.2975,0.42,19\nM,0.535,0.42,0.15, 0.6995,0.2575,0.153,0.24,12\nI,0.575,0.455,0.18,0.8525,0.3015,0.1825,0.3,13\n F,0.55,0.43,0.14,0.7135,0.2565,0.186,0.225,9\nI,0.605,0.47,0.14,0.939,0.3385, 0.201,0.32,13\nI,0.605,0.495,0.145,1.054,0.369,0.2255,0.36,12\nF,0.56,0.445,0. 195,0.981,0.305,0.2245,0.335,16\nI,0.535,0.42,0.145,0.926,0.398,0.1965,0.25,17 \nf,0.385,0.315,0.11,0.286,0.1225,0.0635,0.0835,10\nf,0.39,0.3,0.1,0.265,0.107 5,0.06,0.0865,13\nI,0.47,0.345,0.115,0.4885,0.2005,0.108,0.166,11\nI,0.515,0.3 9,0.14,0.5555,0.2,0.1135,0.2235,12\nI,0.425,0.345,0.125,0.425,0.16,0.0795,0.15 4,13\nM,0.345,0.27,0.09,0.195,0.078,0.0455,0.059,9\nI,0.485,0.37,0.13,0.458,0. 181,0.113,0.136,10\nM,0.37,0.285,0.1,0.228,0.0675,0.0675,0.081,10\nM,0.35,0.26 5,0.09,0.1775,0.0575,0.042,0.068,12\nf,0.44,0.345,0.17,0.4085,0.15,0.0825,0.15  $15,12\nM,0.195,0.145,0.05,0.032,0.01,0.008,0.012,4\nM,0.325,0.24,0.075,0.155,$ 

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 $0.0475, 0.0355, 0.06, 9 \\ nI, 0.495, 0.37, 0.125, 0.4775, 0.185, 0.0705, 0.169, 18 \\ nI, 0.45, 0.1$ 0.35,0.145,0.525,0.2085,0.1,0.1655,15\nM,0.415,0.345,0.135,0.3865,0.128,0.07,  $0.148, 13 \\ \text{nf}, 0.47, 0.355, 0.14, 0.433, 0.1525, 0.095, 0.152, 12 \\ \text{nM}, 0.32, 0.24, 0.085, 0.182,$  $7, 0.0655, 0.047, 0.049, 7 \\ 10.0655, 0.0455, 0.0455, 0.0335, 0.044, 9 \\ 10.0655, 0.0655, 0.0455, 0.0455, 0.0335, 0.044, 9 \\ 10.0655, 0.0655$ 25,0.054,10\nI,0.485,0.38,0.14,0.673,0.2175,0.13,0.195,18\nF,0.5,0.385,0.115,  $0.6785, 0.2945, 0.138, 0.195, 12 \\ \text{nf}, 0.5, 0.385, 0.105, 0.498, 0.1795, 0.1095, 0.17, 17 \\ \text{n}$ I,0.465,0.36,0.105,0.498,0.214,0.116,0.14,15\nF,0.525,0.405,0.16,0.658,0.2655,  $0.1125, 0.225, 12 \nf, 0.425, 0.335, 0.095, 0.322, 0.1205, 0.061, 0.125, 10 \nf, 0.38, 0.30$ 5,0.095,0.2815,0.1255,0.0525,0.09,8\nI,0.53,0.415,0.145,0.944,0.3845,0.185,0.2  $65,21\nM,0.34,0.265,0.085,0.1835,0.077,0.046,0.065,10\nI,0.475,0.365,0.115,0.4$ 9,0.223,0.1235,0.1335,9\nF,0.43,0.34,0.12,0.391,0.1555,0.095,0.1405,7\nM,0.46,  $0.365, 0.125, 0.467, 0.1895, 0.0945, 0.158, 10 \nI, 0.47, 0.36, 0.13, 0.5225, 0.198, 0.106$ 5,0.165,9\nM,0.36,0.295,0.1,0.2105,0.066,0.0525,0.075,9\nM,0.355,0.265,0.09,0. 168,0.05,0.041,0.063,8\nM,0.38,0.235,0.1,0.258,0.1055,0.054,0.08,7\nM,0.355,0. 26,0.085,0.1905,0.081,0.0485,0.055,6\nI,0.44,0.345,0.12,0.487,0.1965,0.108,0.1 6,14\nF,0.51,0.4,0.13,0.5735,0.219,0.1365,0.195,13\nM,0.325,0.24,0.085,0.173,  $0.0795, 0.038, 0.05, 7 \ln 1, 0.62, 0.485, 0.18, 1.1785, 0.4675, 0.2655, 0.39, 13 \ln 7, 0.59, 0.665,$ 45,0.16,0.9,0.358,0.156,0.315,19\nM,0.33,0.255,0.095,0.1875,0.0735,0.045,0.06,  $7 \times 0.45, 0.34, 0.13, 0.3715, 0.1605, 0.0795, 0.105, 9 \times 1, 0.445, 0.33, 0.12, 0.347, 0.1$ 2,0.084,0.105,11\nM,0.33,0.215,0.075,0.1145,0.045,0.0265,0.035,6\nM,0.48,0.37 5,0.145,0.777,0.216,0.13,0.17,917,911,0.46,0.35,0.12,0.4885,0.193,0.105,0.155,11\nF,0.475,0.36,0.125,0.447,0.1695,0.081,0.14,9\nM,0.255,0.18,0.065,0.079,0.03 4,0.014,0.025,5\nI,0.335,0.245,0.09,0.1665,0.0595,0.04,0.06,6\nI,0.47,0.35,0.1  $3,0.466,0.1845,0.099,0.145,11\nM,0.31,0.225,0.08,0.1345,0.054,0.024,0.05,7\nF$  $0.37, 0.28, 0.11, 0.2305, 0.0945, 0.0465, 0.075, 10 \nM, 0.295, 0.215, 0.075, 0.129, 0.05,$  $0.0295, 0.04, 7 \\ nF, 0.555, 0.435, 0.165, 0.97, 0.336, 0.2315, 0.295, 17 \\ nF, 0.615, 0.515, 0.16$  $0.17, 1.14, 0.4305, 0.2245, 0.42, 16 \\ \ln I, 0.58, 0.49, 0.195, 1.3165, 0.5305, 0.254, 0.41, 18$ \nf,0.585,0.475,0.185,0.9585,0.4145,0.1615,0.33,11\nI,0.65,0.525,0.18,1.626,0. 597,0.3445,0.53,18\nI,0.535,0.45,0.17,0.781,0.3055,0.1555,0.295,11\nF,0.415,0.  $34, 0.13, 0.3675, 0.146, 0.0885, 0.12, 10 \\ \mathsf{nF}, 0.38, 0.305, 0.105, 0.281, 0.1045, 0.0615$ 09,12\nI,0.45,0.355,0.12,0.412,0.1145,0.0665,0.16,19\nF,0.395,0.295,0.095,0.22 45,0.078,0.054,0.08,10\nM,0.455,0.35,0.12,0.4835,0.1815,0.144,0.16,11\nF,0.48 5,0.38,0.15,0.605,0.2155,0.14,0.18,15nM,0.55,0.425,0.155,0.9175,0.2775,0.243, $0.335,13\nF,0.45,0.35,0.145,0.5425,0.1765,0.123,0.175,13\nM,0.475,0.385,0.145,$  $0.6175, 0.235, 0.108, 0.215, 14 \nf, 0.5, 0.38, 0.155, 0.655, 0.2405, 0.143, 0.205, 17 \nf,$  $0.53, 0.41, 0.165, 0.8115, 0.24, 0.169, 0.24, 19 \nM, 0.49, 0.39, 0.15, 0.573, 0.225, 0.124,$  $0.17,21\nF,0.49,0.385,0.15,0.7865,0.241,0.14,0.24,23\nF,0.52,0.395,0.18,0.64,$  $0.158, 0.11, 0.245, 22 \times 0.54, 0.415, 0.145, 0.74, 0.2635, 0.168, 0.245, 12 \times 0.57, 0.37$  $5,0.115,0.5945,0.185,0.148,0.19,11 \ nF,0.45,0.38,0.165,0.8165,0.25,0.1915,0.26$ 5,23\nF,0.37,0.275,0.1,0.2225,0.093,0.026,0.08,8\nI,0.37,0.275,0.1,0.2295,0.08 85,0.0465,0.07,7 nM,0.485,0.37,0.14,0.5725,0.204,0.1415,0.175,10 nF,0.435,0.325,0.115,0.3915,0.154,0.094,0.12,7\nM,0.535,0.405,0.185,0.8345,0.3175,0.1725,0. 29,16\nm,0.51,0.4,0.14,0.6515,0.2455,0.1665,0.185,10\nm,0.565,0.44,0.185,0.90 9,0.344,0.2325,0.255,15\nf,0.535,0.4,0.15,0.8045,0.3345,0.2125,0.21,13\nf,0.53 5,0.405,0.125,0.927,0.26,0.1425,0.345,16 nm,0.525,0.4,0.17,0.7305,0.279,0.205 $5,0.195,11\nM,0.59,0.44,0.15,0.9555,0.366,0.2425,0.295,11\nM,0.5,0.375,0.15,0.$ 636,0.2535,0.145,0.19,10\nI,0.255,0.19,0.075,0.0865,0.0345,0.0205,0.025,5\nF,  $0.43, 0.325, 0.115, 0.3865, 0.1475, 0.1065, 0.11, 11 \nM, 0.38, 0.29, 0.12, 0.283, 0.1175,$  $0.0655, 0.085, 9 \\ nI, 0.165, 0.11, 0.02, 0.019, 0.0065, 0.0025, 0.005, 4 \\ nI, 0.315, 0.23, 0.$ 09,0.1285,0.043,0.04,0.04,7\nI,0.155,0.105,0.05,0.0175,0.005,0.0035,0.005,4\n  $M, 0.28, 0.205, 0.1, 0.1165, 0.0545, 0.0285, 0.03, 5 \ nF, 0.43, 0.335, 0.12, 0.444, 0.155, 0.0285, 0.0285, 0.03$ 1145, 0.14, 13 nf, 0.395, 0.315, 0.105, 0.3515, 0.1185, 0.091, 0.1195, 16 nm, 0.385, 0.285,0.105,0.2905,0.1215,0.0685,0.0875,12\nF,0.48,0.385,0.135,0.536,0.1895,0.142,  $0.173,14\nF,0.445,0.33,0.105,0.4525,0.18,0.103,0.123,9\nM,0.395,0.295,0.115,0.$ 316,0.1205,0.0595,0.1105,12\nM,0.4,0.3,0.125,0.417,0.191,0.09,0.1175,9\nM,0.41 5,0.325,0.14,0.417,0.1535,0.1015,0.144,10\nM,0.315,0.25,0.09,0.203,0.0615,0.03  $7,0.0795,11\nF,0.345,0.26,0.09,0.207,0.0775,0.0435,0.0765,10\nM,0.36,0.295,0.1$  $3,0.2765,0.0895,0.057,0.1005,10 \setminus 1,0.295,0.225,0.09,0.1105,0.0405,0.0245,0.03$ 2,7\nI,0.325,0.25,0.08,0.176,0.0595,0.0355,0.063,7\nM,0.375,0.3,0.1,0.2465,0.1 04,0.0475,0.083,11\nI,0.28,0.205,0.055,0.1135,0.045,0.0275,0.0335,7\nM,0.355, 0.265,0.085,0.201,0.069,0.053,0.0695,8\nM,0.35,0.255,0.08,0.1915,0.08,0.0385,  $0.063,9 \\ nI, 0.275, 0.2, 0.065, 0.1035, 0.0475, 0.0205, 0.03, 7 \\ nI, 0.29, 0.205, 0.07, 0.09$ 75,0.036,0.019,0.035,8\nI,0.25,0.19,0.06,0.0765,0.036,0.0115,0.0245,6\nI,0.18, 0.125,0.035,0.0265,0.0095,0.0055,0.0085,4\nI,0.15,0.1,0.025,0.015,0.0045,0.00 4,0.005,2\nI,0.16,0.11,0.025,0.018,0.0065,0.0055,0.005,3\nM,0.555,0.455,0.16,  $1.0575, 0.3925, 0.228, 0.293, 13\nM, 0.555, 0.44, 0.15, 1.092, 0.416, 0.212, 0.4405, 15\n$  $M, 0.525, 0.41, 0.13, 0.99, 0.3865, 0.243, 0.295, 15 \nM, 0.465, 0.36, 0.08, 0.488, 0.191, 0.$  $125, 0.155, 11 \\ nF, 0.49, 0.36, 0.11, 0.5005, 0.161, 0.107, 0.195, 17 \\ nM, 0.4, 0.305, 0.085,$ 

0.297,0.108,0.0705,0.1,10\nF,0.48,0.375,0.105,0.525,0.2185,0.1195,0.155,12\nM,  $0.505, 0.4, 0.125, 0.77, 0.2735, 0.159, 0.255, 13 \\ \text{nf}, 0.52, 0.4, 0.12, 0.6515, 0.261, 0.201$  $5, 0.165, 15 \\ 15 \\ 10, 0.525, 0.4, 0.13, 0.8295, 0.2405, 0.1825, 0.275, 11 \\ 11 \\ 10, 0.545, 0.42, 0.13, 0.165,$  $0.879, 0.374, 0.1695, 0.23, 13 \\ 13 \\ 10, 0.52, 0.4, 0.12, 0.823, 0.298, 0.1805, 0.265, 15 \\ 15 \\ 10, 0.52, 0.4, 0.12, 0.823, 0.298, 0.1805, 0.265, 15 \\ 10, 0.52, 0.4, 0.12, 0.823, 0.298, 0.1805, 0.265, 15 \\ 10, 0.823, 0.298, 0.1805, 0.265, 15 \\ 10, 0.823, 0.298, 0.1805, 0.265, 15 \\ 10, 0.823, 0.298, 0.1805, 0.265, 15 \\ 10, 0.823, 0.298, 0.1805, 0.265, 15 \\ 10, 0.823, 0.298, 0.1805, 0.265, 15 \\ 10, 0.823, 0.298, 0.1805, 0.265, 15 \\ 10, 0.823, 0.298, 0.1805, 0.265,$  $05, 0.38, 0.13, 0.656, 0.227, 0.1785, 0.22, 13 \\ \text{nM}, 0.525, 0.425, 0.12, 0.8665, 0.2825, 0.1785, 0.186$  $6, 0.29, 18 \\ \text{nm}, 0.51, 0.39, 0.125, 0.6565, 0.262, 0.1835, 0.175, \\ 10 \\ \text{nm}, 0.52, 0.385, 0.115, \\ 10 \\ \text{nm}, 0.52, 0.385, 0.115, \\ 10 \\ \text{nm}, 0.52, 0.385, \\ 10 \\ \text{nm}, 0.385, \\ 10$  $0.669, 0.2385, 0.172, 0.205, 12 \\ \text{nF}, 0.52, 0.405, 0.125, 0.6435, 0.2415, 0.1735, 0.21, 12 \\ \text{n}$  $\texttt{M}, \texttt{0.535}, \texttt{0.41}, \texttt{0.135}, \texttt{0.862}, \texttt{0.2855}, \texttt{0.1525}, \texttt{0.32}, \texttt{14} \\ \texttt{nM}, \texttt{0.445}, \texttt{0.345}, \texttt{0.09}, \texttt{0.3795}, \texttt{0.14}$  $3,0.074,0.125,10 \\ nm,0.53,0.44,0.205,0.835,0.32,0.2175,0.245,14 \\ nf,0.36,0.265,$  $0.09, 0.2065, 0.078, 0.057, 0.06, 8 \nf, 0.535, 0.42, 0.15, 0.7365, 0.2785, 0.186, 0.215, 14$ \nF,0.52,0.405,0.14,0.8175,0.2795,0.183,0.26,17\nM,0.53,0.415,0.13,0.8425,0.27  $5,0.1945,0.265,20\nf,0.53,0.42,0.13,1.001,0.34,0.226,0.265,17\nf,0.66,0.52,0.$ 2,1.676,0.673,0.4805,0.45,17 \nm, 0.52,0.385,0.14,0.6595,0.2485,0.2035,0.16,9 \n  $M, 0.535, 0.42, 0.13, 0.8055, 0.301, 0.181, 0.28, 14 \nM, 0.695, 0.515, 0.175, 1.5165, 0.57$ 8,0.4105,0.39,15\nf,0.51,0.39,0.105,0.612,0.187,0.15,0.195,13\nM,0.485,0.355,  $0.12, 0.547, 0.215, 0.1615, 0.14, 10 \ nF, 0.605, 0.46, 0.17, 1.122, 0.347, 0.3045, 0.315, 13$ \nf,0.58,0.455,0.165,1.1365,0.369,0.3005,0.275,13\nM,0.65,0.515,0.175,1.4805, 0.5295,0.272,0.525,20\nM,0.62,0.505,0.185,1.5275,0.69,0.368,0.35,13\nM,0.615, 0.525,0.155,1.1375,0.367,0.236,0.37,20\nF,0.605,0.495,0.19,1.437,0.469,0.2655,  $0.41,15\nM,0.57,0.44,0.155,1.116,0.4775,0.2315,0.27,13\nM,0.57,0.43,0.12,1.061$ 5,0.348,0.167,0.31,15\nM,0.585,0.405,0.15,1.2565,0.435,0.202,0.325,15\nF,0.55, 0.44,0.155,0.946,0.313,0.1825,0.335,16\nF,0.54,0.44,0.135,0.959,0.2385,0.221, 0.3,17\nM,0.64,0.51,0.19,1.613,0.6215,0.361,0.47,14\nF,0.61,0.47,0.145,1.153,  $0.403, 0.296, 0.32, 14 \times 0.545, 0.45, 0.15, 0.978, 0.3365, 0.1905, 0.3, 11 \times 0.59, 0.44$ 5,0.13,1.1325,0.3825,0.234,0.32,13\nM,0.345,0.27,0.095,0.197,0.0665,0.05,0.07, 9\nF,0.55,0.43,0.155,0.785,0.289,0.227,0.233,11\nF,0.53,0.425,0.17,0.949,0.348 5,0.2395,0.278,17\nf,0.53,0.455,0.165,0.9805,0.3155,0.2815,0.2965,11\nI,0.485,  $0.375, 0.14, 0.521, 0.2, 0.123, 0.17, \\ 8 \\ \mathsf{nM}, 0.385, 0.275, 0.115, 0.2685, 0.0975, 0.0825, 0.0975, 0.0975, 0.0975, 0.0975, 0.0975, 0.0825, 0.0975, 0.09$  $085,8 \times 0.34,0.135,0.462,0.1675,0.158,0.12,9 \times 0.38,0.14,0.7605,$  $0.245, 0.167, 0.185, 10 \\ 10, 0.53, 0.41, 0.165, 0.732, 0.189, 0.17, 0.31, 11 \\ 11, 0.505, 0.38, 0.189, 0$  $5, 0.145, 0.6775, 0.236, 0.179, 0.2, 15 \\ 15, 0.49, 0.38, 0.14, 0.6385, 0.2305, 0.142, 0.195, 0.142, 0.195, 0.14$ 13\nM,0.465,0.35,0.14,0.5755,0.2015,0.1505,0.19,15\nF,0.47,0.36,0.145,0.537,0. 5,0.15,0.6415,0.246,0.152,0.215,12\nM,0.515,0.435,0.145,0.8815,0.292,0.206,0.2 55,10\nI,0.385,0.28,0.125,0.244,0.102,0.038,0.085,6\nI,0.215,0.155,0.06,0.052 5,0.021,0.0165,0.015,5\nM,0.55,0.415,0.175,1.042,0.3295,0.2325,0.2905,15\nF,0. 515,0.39,0.13,0.5755,0.1975,0.13,0.1845,9\nM,0.495,0.385,0.135,0.709,0.211,0.1  $375, 0.262, 12 \\ \text{nf}, 0.505, 0.39, 0.16, 0.644, 0.2475, 0.2025, 0.1635, 9 \\ \text{nf}, 0.6, 0.465, 0.16$ 5,0.8875,0.309,0.246,0.262,12\nF,0.57,0.465,0.16,0.8935,0.3145,0.2575,0.263,10 \nf,0.485,0.375,0.135,0.556,0.1925,0.1315,0.1685,10\nM,0.47,0.37,0.18,0.51,0.1  $915, 0.1285, 0.1625, 9 \times 0.575, 0.45, 0.165, 0.9215, 0.3275, 0.225, 0.256, 12 \times 0.58, 0.256, 0.25$  $0.465, 0.16, 1.0345, 0.315, 0.26, 0.3635, 12 \nM, 0.515, 0.405, 0.145, 0.695, 0.215, 0.163$ 5,0.234,15\nM,0.53,0.41,0.155,0.7155,0.2805,0.1685,0.214,11\nM,0.44,0.335,0.1 1,0.394,0.157,0.096,0.122,9\nM,0.52,0.42,0.16,0.745,0.255,0.157,0.2885,11\nF,  $0.425, 0.345, 0.11, 0.3665, 0.125, 0.081, 0.117, 11 \nM, 0.46, 0.34, 0.135, 0.495, 0.1655,$  $0.117, 0.185, 10 \\ nm, 0.45, 0.335, 0.125, 0.349, 0.119, 0.1055, 0.115, 10 \\ nm, 0.425, 0.33, 0.115, 0.1055, 0.1155,$ 0.13,0.4405,0.152,0.0935,0.155,9\nI,0.37,0.275,0.1,0.22,0.094,0.045,0.065,7\n  $M, 0.515, 0.38, 0.135, 0.6615, 0.2875, 0.2095, 0.155, 10 \nM, 0.405, 0.305, 0.12, 0.3185, 0.$ 1235,0.0905,0.095,7\nI,0.28,0.205,0.07,0.1015,0.041,0.03,0.03,6\nF,0.48,0.4,0.  $125, 0.759, 0.2125, 0.179, 0.24, 15 \nF, 0.44, 0.34, 0.13, 0.4195, 0.153, 0.1155, 0.13, 10 \n$ F,0.52,0.41,0.115,0.807,0.2855,0.179,0.235,12\nM,0.505,0.405,0.14,0.875,0.266 5,0.174,0.285,12\nf,0.49,0.365,0.13,0.6835,0.165,0.1315,0.205,21\nI,0.235,0.17 5,0.055,0.067,0.027,0.0125,0.018,6\nI,0.255,0.185,0.06,0.088,0.0365,0.021,0.02  $3,5 \ln 1,0.315,0.24,0.085,0.1715,0.071,0.0345,0.0535,7 \ln 1,0.325,0.25,0.08,0.173$ 5,0.0765,0.0345,0.049,7\nI,0.335,0.25,0.08,0.183,0.0735,0.04,0.0575,6\nI,0.35,  $0.27, 0.09, 0.2055, 0.075, 0.0575, 0.062, 6 \ln 1, 0.35, 0.25, 0.07, 0.18, 0.0655, 0.048, 0.05$ 4,6\nI,0.36,0.3,0.085,0.27,0.1185,0.064,0.0745,7\nI,0.365,0.275,0.135,0.24,0.1 08,0.0445,0.0735,7\nI,0.37,0.275,0.14,0.2215,0.097,0.0455,0.0615,6\nI,0.38,0.2 75,0.095,0.1375,0.086,0.0585,0.0605,7\nI,0.385,0.29,0.095,0.312,0.143,0.0635,  $0.086,6 \ln I, 0.385, 0.3, 0.1, 0.2895, 0.1215, 0.063, 0.09, 7 \ln I, 0.395, 0.29, 0.095, 0.319,$ 0.138,0.08,0.082,7\nI,0.395,0.29,0.095,0.304,0.127,0.084,0.077,6\nI,0.4,0.31, 0.1,0.306,0.13,0.06,0.094,6\nI,0.41,0.325,0.1,0.394,0.208,0.0655,0.106,6\nI,0. 415,0.32,0.11,0.3735,0.175,0.0755,0.109,7\nM,0.415,0.305,0.1,0.325,0.156,0.050 5,0.091,6\nI,0.425,0.325,0.1,0.398,0.1185,0.0645,0.0945,6\nI,0.44,0.365,0.115, 0.501,0.2435,0.084,0.1465,9\nI,0.445,0.335,0.1,0.4895,0.2745,0.086,0.1105,7\n  $I, 0.445, 0.325, 0.1, 0.378, 0.1795, 0.1, 0.089, 7 \ nI, 0.45, 0.35, 0.13, 0.547, 0.245, 0.140$ 5,0.1405,8\nM,0.47,0.375,0.12,0.5805,0.266,0.0935,0.169,8\nI,0.475,0.365,0.12 5,0.5465,0.229,0.1185,0.172,9\nf,0.48,0.365,0.135,0.6395,0.2945,0.113,0.175,8 \nI,0.485,0.355,0.105,0.498,0.2175,0.096,0.1525,9\nM,0.49,0.385,0.125,0.609,0.

 $3065, 0.096, 0.1775, 8 \cdot 1775, 0.495, 0.41, 0.125, 0.7555, 0.3355, 0.129, 0.214, 9 \cdot 1775, 0.495, 0.41, 0.125, 0.7555, 0.3355, 0.129, 0.214, 9 \cdot 1775, 0.495, 0.41, 0.125, 0.7555, 0.3355, 0.129, 0.214, 9 \cdot 1775, 0.495, 0.41, 0.125, 0.7555, 0.3355, 0.129, 0.214, 9 \cdot 1775, 0.495, 0.41, 0.125, 0.7555, 0.3355, 0.129, 0.214, 9 \cdot 1775, 0.495, 0.41, 0.125, 0.7555, 0.3355, 0.129, 0.214, 9 \cdot 1775, 0.495, 0.41, 0.125, 0.7555, 0.3355, 0.129, 0.214, 9 \cdot 1775, 0.495, 0.41, 0.125, 0.7555, 0.3355, 0.129, 0.214, 9 \cdot 1775, 0.495, 0.415, 0.495, 0.415, 0.495, 0.415, 0.495, 0.415, 0.495, 0.415, 0.495, 0.415, 0.495, 0.415, 0.495, 0.415, 0.495, 0.415, 0.495, 0.415, 0.495, 0.415, 0.495, 0.415, 0.495, 0.415, 0.495,$ 4,0.125,0.5975,0.27,0.1275,0.166,9\nM,0.505,0.44,0.14,0.8275,0.3415,0.1855,0.2  $39, 8 \\ \\ \text{nM}, 0.525, 0.395, 0.13, 0.7635, 0.3375, 0.1425, 0.225, 8 \\ \\ \text{nM}, 0.54, 0.405, 0.125, 0.89, 0.1425, 0.225, 0.1425, 0.142$  $1, 0.4815, 0.1915, 0.202, 9 \\ \text{nf}, 0.54, 0.42, 0.14, 0.805, 0.369, 0.1725, 0.21, 11 \\ \text{nf}, 0.545, 0.100, 0.1$  $0.44, 0.135, 0.9185, 0.429, 0.2015, 0.2375, 10 \\ \mathsf{nf}, 0.55, 0.43, 0.125, 0.923, 0.4035, 0.17$ 5,0.283,8\nM,0.55,0.45,0.15,1.0145,0.407,0.2015,0.2875,10\nF,0.55,0.45,0.15,0. 875,0.362,0.1755,0.2765,10\nM,0.555,0.435,0.145,0.9685,0.4985,0.168,0.2385,9\n  $\texttt{M}, \texttt{0.565}, \texttt{0.45}, \texttt{0.155}, \texttt{1.0595}, \texttt{0.4735}, \texttt{0.24}, \texttt{0.265}, \texttt{10} \\ \texttt{nM}, \texttt{0.57}, \texttt{0.455}, \texttt{0.15}, \texttt{0.952}, \texttt{0.389}$ 5,0.2155,0.2745,9\nM,0.57,0.435,0.13,0.7535,0.349,0.1755,0.194,10\nF,0.575,0.4 65,0.14,0.958,0.442,0.1815,0.2705,9\nM,0.59,0.475,0.165,1.077,0.4545,0.244,0.3  $095,9 \\ nM, 0.59, 0.46, 0.13, 1.102, 0.455, 0.2055, 0.33, 12 \\ nF, 0.595, 0.48, 0.15, 1.11, 0.4$ 98,0.228,0.33,10\nF,0.595,0.48,0.16,1.2095,0.5225,0.296,0.32,8\nF,0.595,0.475,  $0.16, 1.1405, 0.547, 0.231, 0.271, 6 \ nF, 0.595, 0.465, 0.14, 1.113, 0.5175, 0.244, 0.305, 1$ 2\nM,0.6,0.475,0.175,1.3445,0.549,0.2875,0.36,11\nF,0.6,0.475,0.155,1.21,0.65  $3,0.1695,0.3205,10\nM,0.6,0.495,0.175,1.29,0.606,0.276,0.3445,11\nF,0.605,0.47$ 5,0.175,1.382,0.609,0.2325,0.3985,10\nM,0.605,0.455,0.16,1.1035,0.421,0.3015,  $0.325,9 \\ \text{nf}, 0.615, 0.5, 0.175, 1.377, 0.5585, 0.33, 0.292, 12 \\ \text{nf}, 0.615, 0.52, 0.15, 1.343$ 5,0.629,0.2605,0.345,10\nM,0.615,0.51,0.15,1.296,0.545,0.3315,0.32,9\nM,0.615,  $0.505, 0.165, 1.34, 0.5315, 0.2815, 0.41, 12 \nF, 0.62, 0.505, 0.16, 1.3725, 0.6285, 0.275,$ 0.3685,11\nM,0.62,0.5,0.165,1.307,0.6355,0.2545,0.315,9\nF,0.625,0.49,0.155,1. 2085, 0.465, 0.162, 0.411, 11\nF, 0.625, 0.49, 0.2, 1.3825, 0.5895, 0.285, 0.381, 11\nM, 0. 63,0.505,0.165,1.26,0.4525,0.2755,0.406,14\nM,0.635,0.51,0.17,1.3555,0.619,0.3 05,0.39,9\nF,0.635,0.5,0.15,1.376,0.6495,0.361,0.31,10\nF,0.635,0.485,0.165,1. 2945,0.668,0.2605,0.2715,9\nF,0.64,0.51,0.165,1.486,0.7595,0.332,0.321,8\nM,0. 65,0.525,0.175,1.4715,0.675,0.315,0.399,11\nM,0.655,0.52,0.165,1.4095,0.586,0. 291,0.405,9\nM,0.655,0.58,0.205,2.0805,0.959,0.3415,0.601,17\nM,0.66,0.53,0.1 7,1.3905,0.5905,0.212,0.453,15 \nm, 0.66,0.52,0.19,1.558,0.755,0.298,0.4,10 \nf,  $0.67, 0.585, 0.16, 1.309, 0.5445, 0.2945, 0.413, 10 \nf, 0.675, 0.525, 0.17, 1.8095, 0.784,$  $0.391, 0.455, 12 \\ \text{nf}, 0.675, 0.525, 0.155, 1.4785, 0.628, 0.3405, 0.42, 9 \\ \text{nf}, 0.68, 0.56, 0.$  $195, 1.7775, 0.861, 0.322, 0.415, 11 \\ 11 \\ 11, 0.685, 0.54, 0.16, 1.6675, 0.833, 0.3775, 0.475, 1.6675, 0.833, 0.3775, 0.475, 1.6675, 0.861, 0.685$  $1\nF, 0.695, 0.56, 0.22, 1.834, 0.8455, 0.422, 0.455, 11\nM, 0.73, 0.595, 0.23, 2.8255, 1.1$ 465,0.419,0.897,17\nI,0.205,0.14,0.05,0.046,0.0165,0.012,0.0135,6\nI,0.24,0.17 5,0.055,0.0705,0.025,0.014,0.021,5\nI,0.24,0.175,0.065,0.0665,0.031,0.0135,0.0 17,3\nI,0.255,0.19,0.05,0.083,0.0295,0.0215,0.027,6\nI,0.255,0.18,0.055,0.083,  $0.031, 0.0215, 0.02, 4 \ln I, 0.265, 0.195, 0.06, 0.092, 0.0345, 0.025, 0.0245, 6 \ln I, 0.28, 0.0245, 0$ 12,0.075,0.117,0.0455,0.029,0.0345,4\nI,0.295,0.23,0.08,0.1625,0.065,0.05,0.03 85,5\nI,0.3,0.235,0.08,0.131,0.05,0.0265,0.043,4\nI,0.3,0.23,0.095,0.1385,0.05 6,0.0365,0.037,6nI,0.305,0.22,0.07,0.141,0.062,0.031,0.037,5nI,0.315,0.235, $0.075, 0.1485, 0.0585, 0.0375, 0.0425, 6 \nI, 0.315, 0.23, 0.07, 0.144, 0.053, 0.0305, 0.0$ 4,8\nI,0.32,0.24,0.09,0.1575,0.07,0.0265,0.0425,5\nI,0.325,0.24,0.075,0.187,0. 0825,0.0445,0.05,6\nI,0.33,0.265,0.085,0.196,0.0775,0.0305,0.0445,6\nI,0.335,  $0.25, 0.075, 0.1825, 0.0705, 0.044, 0.055, 7 \nI, 0.335, 0.25, 0.075, 0.186, 0.0945, 0.038,$ 0.0445,7\nI,0.34,0.25,0.075,0.1785,0.0665,0.0455,0.045,5\nI,0.34,0.25,0.07,0.2 225,0.104,0.0425,0.055,7\nI,0.345,0.265,0.1,0.2455,0.111,0.0535,0.065,7\nI,0.3 7,0.29,0.095,0.249,0.1045,0.058,0.067,6\nI,0.37,0.28,0.095,0.2865,0.1505,0.06 9,0.0795,7\nI,0.375,0.28,0.09,0.215,0.084,0.06,0.055,6\nI,0.385,0.265,0.08,0.2 51,0.124,0.037,0.07,6\nI,0.41,0.31,0.09,0.339,0.155,0.0695,0.09,7\nI,0.41,0.30 5,0.09,0.3535,0.157,0.0745,0.1,7  $n_{1},0.41,0.31,0.09,0.3335,0.1635,0.061,0.091,6$ \nI,0.415,0.33,0.09,0.3595,0.17,0.081,0.09,6\nI,0.42,0.32,0.115,0.376,0.169,0. 092,0.1,5\nI,0.42,0.315,0.1,0.3435,0.157,0.0795,0.09,6\nI,0.425,0.34,0.1,0.38 2,0.164,0.096,0.1,6\nI,0.425,0.315,0.1,0.377,0.1645,0.072,0.105,6\nI,0.43,0.32 5,0.1,0.3645,0.1575,0.0825,0.105,7\nI,0.43,0.325,0.09,0.425,0.217,0.087,0.095, 7\n1,0.435,0.325,0.12,0.3995,0.1815,0.061,0.1125,8\n1,0.435,0.34,0.115,0.3925,  $0.1825, 0.078, 0.1145, 6 \ln I, 0.44, 0.345, 0.13, 0.4495, 0.209, 0.0835, 0.134, 6 \ln I, 0.44, 0.345, 0.134,$  $0.325, 0.09, 0.35, 0.148, 0.067, 0.105, 7 \nF, 0.445, 0.335, 0.11, 0.4355, 0.2025, 0.1095,$ 0.1195,6\nI,0.445,0.35,0.13,0.4195,0.1695,0.0945,0.1195,7\nI,0.45,0.36,0.13,0. 478,0.191,0.127,0.137,7\nI,0.45,0.355,0.105,0.4445,0.197,0.093,0.1335,8\nI,0.4 5,0.345,0.11,0.47,0.2355,0.0855,0.1135,7\nI,0.45,0.335,0.105,0.447,0.2335,0.15 3,0.119,71,0.455,0.355,0.125,0.5325,0.225,0.126,0.1465,71,0.455,0.375,0.12,0.497,0.2355,0.1055,0.1295,6\nI,0.46,0.36,0.1,0.4635,0.2325,0.093,0.115,7\n  $I, 0.46, 0.345, 0.105, 0.449, 0.196, 0.0945, 0.1265, 7 \ nI, 0.465, 0.365, 0.115, 0.467, 0.23$  $15,0.0925,0.113,7 \\ 11,0.465,0.37,0.115,0.534,0.261,0.098,0.143,7 \\ 11,0.465,0.34$ 5,0.11,0.4415,0.1755,0.0905,0.12,7\nF,0.465,0.35,0.125,0.482,0.23,0.106,0.109 5,6\nM,0.47,0.365,0.12,0.612,0.327,0.15,0.14,8\nF,0.47,0.365,0.12,0.582,0.29, 0.092, 0.146, 8 nm, 0.475, 0.37, 0.125, 0.537, 0.222, 0.1215, 0.15, 9 nF, 0.475, 0.36, 0.12,0.5915,0.3245,0.11,0.127,6 \nm, 0.48,0.375,0.115,0.6765,0.3205,0.1065,0.17,6 \n  $M, 0.48, 0.385, 0.145, 0.64, 0.2925, 0.1405, 0.1575, 6 \nM, 0.48, 0.36, 0.1, 0.439, 0.194, 0.$ 099,0.115,8\nM,0.48,0.365,0.12,0.6015,0.312,0.117,0.14,7\nF,0.485,0.37,0.115,  $0.4785, 0.1995, 0.0955, 0.129, 7 \ln M, 0.49, 0.385, 0.125, 0.649, 0.32, 0.124, 0.1695, 8 \ln M, 0.4785, 0.125, 0.649, 0.32, 0.124, 0.1695, 8 \ln M, 0.4785, 0.125, 0.649, 0.32, 0.124, 0.1695, 8 \ln M, 0.4785, 0.125, 0.649, 0.32, 0.124, 0.1695, 8 \ln M, 0.4785, 0.125, 0.649, 0.32, 0.124, 0.1695, 8 \ln M, 0.4785, 0.125, 0.649, 0.32, 0.124, 0.1695, 8 \ln M, 0.4785, 0.125, 0.125, 0.649, 0.32, 0.124, 0.1695, 8 \ln M, 0.4785, 0.125$ 

 $0.495, 0.395, 0.135, 0.6335, 0.3035, 0.1295, 0.1495, 8 \ nM, 0.495, 0.4, 0.135, 0.61, 0.272,$  $0.1435, 0.144, 7 \\ nM, 0.5, 0.39, 0.135, 0.6595, 0.3145, 0.1535, 0.1565, 6 \\ nI, 0.5, 0.385, 0.$  $12, 0.56, 0.2835, 0.103, 0.135, 8 \\ \mathsf{nM}, 0.5, 0.385, 0.135, 0.6425, 0.3195, 0.129, 0.1535, 7 \\ \mathsf{nM}, 0.5, 0.2835, 0.129, 0.129, 0.1535, 7 \\ \mathsf{nM}, 0.5, 0.129,$  $\texttt{M}, \texttt{0.5}, \texttt{0.4}, \texttt{0.125}, \texttt{0.6725}, \texttt{0.336}, \texttt{0.12}, \texttt{0.1825}, \texttt{7} \\ \texttt{nF}, \texttt{0.505}, \texttt{0.39}, \texttt{0.13}, \texttt{0.674}, \texttt{0.3165}, \texttt{0.12}, \texttt{0.1825}, \texttt{0.10}, \texttt{0.10}$ 41,0.1785,9\nI,0.505,0.39,0.15,0.685,0.362,0.131,0.156,8\nM,0.505,0.41,0.125,  $0.642, 0.289, 0.133, 0.155, 9 \\ \texttt{nI}, 0.505, 0.355, 0.125, 0.601, 0.25, 0.1205, 0.185, 8 \\ \texttt{nM}, 0.006, 0.185,$ 51,0.39,0.135,0.769,0.3935,0.1455,0.19,8\nI,0.51,0.375,0.1,0.5785,0.238,0.122 5,0.175,7\nI,0.51,0.405,0.135,0.769,0.3655,0.1585,0.18,7\nM,0.51,0.405,0.15,0. 7035,0.347,0.134,0.1885,8\nM,0.51,0.41,0.145,0.796,0.3865,0.1815,0.1955,8\nF,  $0.515, 0.43, 0.14, 0.834, 0.367, 0.2, 0.23, 8 \\ n\text{M}, 0.515, 0.39, 0.155, 0.7125, 0.3695, 0.13$ 7,0.155,7\nF,0.525,0.415,0.14,0.724,0.3475,0.173,0.175,8\nM,0.525,0.4,0.14,0.7  $325, 0.334, 0.1575, 0.17, 11 \nf, 0.53, 0.425, 0.13, 0.7585, 0.325, 0.197, 0.205, 8 \nf, 0.58, 0.197, 0.205, 0.205, 0.2$ 3,0.425,0.15,0.8495,0.328,0.232,0.202,8 $05, 0.186, 7 \ln F, 0.535, 0.4, 0.135, 0.8215, 0.3935, 0.196, 0.205, 8 \ln M, 0.535, 0.43, 0.14,$  $0.7165, 0.2855, 0.1595, 0.2155, 8 \\ nM, 0.535, 0.435, 0.14, 0.874, 0.3735, 0.229, 0.2195, 8 \\ nM, 0.535, 0.435, 0.14, 0.874, 0.3735, 0.229, 0.2195, 8 \\ nM, 0.535, 0.435, 0.14, 0.874, 0.874, 0.3735, 0.229, 0.2195, 8 \\ nM, 0.535, 0.435, 0.14, 0.87$ \nF,0.55,0.445,0.155,0.9905,0.544,0.178,0.218,9\nF,0.55,0.43,0.14,0.8105,0.36  $8,0.161,0.275,9 \\ nF,0.56,0.455,0.16,0.967,0.4525,0.207,0.274,9 \\ nF,0.565,0.4,0.1$  $3,0.6975,0.3075,0.1665,0.18,8 \times 0.57,0.45,0.155,1.195,0.5625,0.2565,0.295,10$ \nM, 0.57, 0.45, 0.155, 1.1935, 0.513, 0.21, 0.343, 10\nF, 0.57, 0.455, 0.15, 1.107, 0.54, 0.255,0.27,8\nM,0.57,0.445,0.14,1.0635,0.5265,0.2195,0.24,8\nM,0.57,0.46,0.17, F, 0.575, 0.46, 0.16, 1.103, 0.538, 0.221, 0.249, 9\nF, 0.58, 0.46, 0.15, 1.1155, 0.5575, 0. 2255,0.29,7\nF,0.58,0.46,0.18,1.0515,0.4095,0.2595,0.276,8\nM,0.58,0.455,0.15, 1.012,0.4985,0.2115,0.2835,10\nF,0.58,0.45,0.145,1.137,0.5585,0.22,0.29,8\nM,  $0.58, 0.49, 0.13, 1.1335, 0.586, 0.2565, 0.237, 9 \times 0.59, 0.465, 0.155, 1.136, 0.5245, 0.586, 0.586, 0.2565, 0.237, 9 \times 0.59, 0.465, 0.155, 0.155, 0.155, 0.5245, 0.586, 0.586, 0.2565, 0.237, 9 \times 0.596, 0.2565, 0.2566, 0.2566, 0.2565, 0.25666, 0.2566, 0.2566, 0.2566, 0.2566, 0.256$ 2615,0.275,11\nM,0.59,0.47,0.16,1.206,0.479,0.2425,0.309,8\nF,0.59,0.455,0.14 5,1.063,0.5155,0.2445,0.25,8 \nf, 0.595,0.47,0.155,1.121,0.4515,0.178,0.155,11 \n  $\texttt{F,0.595,0.45,0.15,1.114,0.5865,0.2205,0.25,11} \\ \texttt{nM,0.595,0.475,0.165,1.213,0.62}$  $1, 0.2435, 0.274, 9 \\ \text{nf}, 0.595, 0.46, 0.14, 1.0045, 0.4655, 0.2095, 0.2515, 9 \\ \text{nm}, 0.595, 0.46, 0.14, 1.0045, 0.4655, 0.2095, 0.2515, 9 \\ \text{nm}, 0.595, 0.46, 0.14, 1.0045, 0.4655, 0.2095, 0.2515, 9 \\ \text{nm}, 0.595, 0.46, 0.14, 1.0045, 0.4655, 0.2095, 0.2515, 9 \\ \text{nm}, 0.595, 0.46, 0.14, 1.0045, 0.4655, 0.2095, 0.2515, 9 \\ \text{nm}, 0.595, 0.46, 0.14, 1.0045, 0.4655, 0.2095, 0.2515, 9 \\ \text{nm}, 0.595, 0.46, 0.14, 0.2095, 0.2095, 0.2515, 9 \\ \text{nm}, 0.595, 0.46, 0.2095, 0.2095, 0.2095, 0.2515, 9 \\ \text{nm}, 0.595, 0.46, 0.2095,$  $55, 0.15, 1.044, 0.518, 0.2205, 0.27, 9 \\ \mathsf{nF}, 0.605, 0.49, 0.15, 1.1345, 0.5265, 0.2645, 0.29$ 5,9\nM,0.605,0.475,0.155,1.161,0.572,0.2455,0.275,9\nM,0.605,0.47,0.165,1.231  $5,0.6025,0.262,0.2925,11\nM,0.61,0.47,0.15,1.1625,0.565,0.258,0.3085,11\nM,0.61,0.47,0.15,1.1625,0.565,0.258,0.3085,11\nM,0.61,0.47,0.15,1.1625,0.565,0.258,0.3085,11\nM,0.61,0.47,0.15,1.1625,0.565,0.258,0.3085,11\nM,0.61,0.47,0.15,1.1625,0.565,0.258,0.3085,11\nM,0.61,0.47,0.15,1.1625,0.565,0.258,0.3085,11\nM,0.61,0.47,0.15,1.1625,0.565,0.258,0.3085,11\nM,0.61,0.47,0.15,1.1625,0.565,0.258,0.3085,11\nM,0.61,0.47,0.15,1.1625,0.565,0.258,0.3085,11\nM,0.61,0.47,0.15,1.1625,0.565,0.258,0.3085,11\nM,0.61,0.47,0.15,1.1625,0.565,0.258,0.3085,11\nM,0.61,0.47,0.15,1.1625,0.565,0.258,0.3085,11\nM,0.61,0.47,0.15,1.1625,0.565,0.258,0.3085,11\nM,0.61,0.47,0.15,1.1625,0.565,0.258,0.3085,11\nM,0.61,0.47,0.15,1.1625,0.258,0.258,0.3085,11\nM,0.61,0.47,0.15,1.1625,0.258,0.258,0.3085,11\nM,0.61,0.258$ 1,0.475,0.155,1.168,0.554,0.239,0.3295,10\nF,0.615,0.48,0.16,1.2525,0.585,0.25 95,0.33,8\nF,0.62,0.51,0.18,1.3315,0.594,0.276,0.388,11\nF,0.625,0.48,0.17,1.3 525,0.6235,0.278,0.365,10\nM,0.625,0.49,0.175,1.3325,0.5705,0.271,0.405,10\nF, 0.625,0.475,0.175,1.1435,0.4755,0.2475,0.349,10\nF,0.625,0.5,0.165,1.288,0.57  $3,0.3035,0.315,9 \\ nF,0.625,0.485,0.2,1.38,0.5845,0.302,0.401,9 \\ nM,0.63,0.485,0.$ 155,1.278,0.637,0.275,0.31,8\nf,0.63,0.495,0.165,1.3075,0.599,0.284,0.315,11\n  $M, 0.63, 0.48, 0.15, 1.1785, 0.5185, 0.248, 0.3235, 8 \ nM, 0.635, 0.49, 0.175, 1.375, 0.623, 0.62$ 0.155,1.4025,0.705,0.2655,0.335,10\nF,0.64,0.5,0.17,1.5175,0.693,0.326,0.409,1  $1\nF, 0.64, 0.5, 0.175, 1.394, 0.4935, 0.291, 0.4, 10\nF, 0.645, 0.5, 0.155, 1.2205, 0.614$ 5,0.236,0.3185,10\nm,0.645,0.52,0.175,1.636,0.779,0.342,0.432,11\nm,0.645,0.5 2,0.175,1.561,0.709,0.3555,0.4,8\nF,0.645,0.505,0.165,1.4325,0.684,0.308,0.33 6,8\nM,0.645,0.5,0.175,1.3385,0.633,0.299,0.349,11\nF,0.645,0.5,0.16,1.2465,0. 5475,0.327,0.3,10\nf,0.645,0.515,0.15,1.212,0.515,0.2055,0.385,10\nM,0.65,0.49 5,0.16,1.304,0.57,0.312,0.3725,9 nM, 0.65,0.52,0.21,1.6785,0.6665,0.308,0.46,11\nM, 0.65, 0.525, 0.185, 1.622, 0.6645, 0.3225, 0.477, 10\nF, 0.655, 0.46, 0.16, 1.494, 0.6 895,0.331,0.1825,9\nF,0.655,0.51,0.175,1.6525,0.8515,0.3365,0.403,10\nF,0.66,  $0.505, 0.185, 1.528, 0.69, 0.3025, 0.441, 11 \nM, 0.66, 0.535, 0.19, 1.5905, 0.6425, 0.297,$ 0.5175,9 \nM, 0.66,0.495,0.195,1.6275,0.594,0.3595,0.485,10 \nF, 0.66,0.475,0.18,  $1.3695, 0.641, 0.294, 0.335, 6 \nM, 0.67, 0.525, 0.165, 1.6085, 0.682, 0.3145, 0.4005, 11 \n$  $F, 0.675, 0.57, 0.225, 1.587, 0.739, 0.2995, 0.435, 10 \nF, 0.675, 0.565, 0.195, 1.8375, 0.785, 0.$  $645, 0.3615, 0.553, 12 \times 0.68, 0.535, 0.185, 1.607, 0.7245, 0.3215, 0.498, 12 \times 0.69, 0.$  $0.525, 0.175, 1.7005, 0.8255, 0.362, 0.405, 8 \nM, 0.69, 0.505, 0.2, 1.872, 0.893, 0.4015,$  $0.48,10\nf,0.695,0.535,0.175,1.8385,0.8035,0.396,0.503,10\nf,0.705,0.535,0.18,$  $1.685, 0.693, 0.42, 0.4045, 12\nM, 0.71, 0.565, 0.205, 2.198, 1.012, 0.5225, 0.5475, 11\n$  $M, 0.715, 0.565, 0.175, 1.9525, 0.7645, 0.4185, 0.4135, 10 \ nF, 0.715, 0.525, 0.185, 1.56,$  $0.6655, 0.383, 0.405, 11 \nF, 0.735, 0.6, 0.22, 2.555, 1.1335, 0.44, 0.6, 11 \nM, 0.765, 0.6,$ 0.22,2.302,1.007,0.509,0.6205,12\nI,0.185,0.13,0.045,0.029,0.012,0.0075,0.009 5,4\ni,0.195,0.15,0.045,0.0375,0.018,0.006,0.011,3\ni,0.195,0.135,0.04,0.0325, 0.0135,0.005,0.0095,4\nI,0.2,0.155,0.04,0.0435,0.0155,0.009,0.007,4\nI,0.225, 0.165,0.055,0.059,0.027,0.0125,0.015,4\nI,0.245,0.18,0.065,0.071,0.03,0.013,0. 0215,4\nI,0.25,0.18,0.065,0.0685,0.0245,0.0155,0.0225,5\nI,0.265,0.195,0.055, 0.084,0.0365,0.0175,0.025,7\nI,0.275,0.195,0.065,0.106,0.054,0.02,0.028,6\nI, 0.28,0.21,0.085,0.1075,0.0415,0.024,0.034,5\nI,0.285,0.22,0.065,0.096,0.0405, 0.0205,0.03,5\nI,0.3,0.22,0.08,0.1255,0.055,0.0265,0.039,6\nI,0.315,0.235,0.05 5,0.151,0.065,0.027,0.039,6\nI,0.32,0.225,0.085,0.1415,0.0675,0.0295,0.0405,6 \nI,0.34,0.265,0.08,0.2015,0.09,0.0475,0.055,5\nI,0.37,0.28,0.1,0.221,0.1165,

 $0.0265, 0.0635, 6 \ln 1, 0.375, 0.28, 0.08, 0.2345, 0.1125, 0.0455, 0.067, 6 \ln 1, 0.375, 0.27$  $5,0.1,0.2325,0.1165,0.042,0.065,6 \ nI,0.385,0.29,0.08,0.2485,0.122,0.0495,0.06$ 5,7\nI,0.4,0.32,0.095,0.348,0.194,0.053,0.087,6\nI,0.405,0.3,0.11,0.32,0.172,  $3245, 0.132, 0.072, 0.106, 6 \ln I, 0.42, 0.3, 0.105, 0.316, 0.1255, 0.07, 0.1035, 7 \ln I, 0.42, 0.316, 0.1255, 0.07, 0.1035, 7 \ln I, 0.42, 0.105, 0.10$  $0.32, 0.11, 0.3625, 0.174, 0.0635, 0.105, 7 \\ \mathsf{nI}, 0.42, 0.31, 0.095, 0.279, 0.1255, 0.051, 0.0635, 0.0655$ 088,6\nI,0.425,0.325,0.115,0.3685,0.162,0.0865,0.1045,7\nM,0.43,0.335,0.12,0.3 97,0.1985,0.0865,0.1035,7\nI,0.435,0.33,0.11,0.413,0.2055,0.096,0.096,6\nI,0.4 35,0.345,0.115,0.418,0.222,0.0735,0.106,7\nI,0.44,0.33,0.11,0.3705,0.1545,0.08 4,0.12,7\nI,0.445,0.345,0.105,0.409,0.1675,0.1015,0.117,7\nI,0.445,0.34,0.145,  $0.434, 0.1945, 0.0905, 0.13, 7 \setminus 11, 0.445, 0.335, 0.11, 0.411, 0.1985, 0.0935, 0.109, 8 \setminus 11, 0.1985, 0.0935, 0.109, 11, 0.1985, 0.$ 0.45,0.365,0.125,0.462,0.2135,0.0985,0.1315,8\nI,0.45,0.34,0.12,0.4925,0.241, 0.1075,0.12,6\nI,0.45,0.33,0.105,0.3715,0.1865,0.0785,0.0975,7\nI,0.45,0.33,0.  $1,0.411,0.1945,0.1,0.098,6 \ nI,0.45,0.33,0.11,0.3685,0.16,0.0885,0.102,6 \ nI,0.48,0.194,0.19$  $6,0.35,0.115,0.4155,0.18,0.098,0.1175,7 \\ nm,0.47,0.36,0.105,0.544,0.27,0.1395,$ 0.129,7\nI,0.47,0.38,0.125,0.4845,0.211,0.1075,0.142,6\nI,0.475,0.35,0.11,0.45  $65, 0.206, 0.099, 0.13, 6 \ln 1, 0.475, 0.35, 0.1, 0.4545, 0.2165, 0.111, 0.115, 7 \ln 1, 0.48, 0.$ 38,0.125,0.6245,0.3395,0.1085,0.1665,8\nM,0.49,0.465,0.125,0.5225,0.235,0.13,  $0.141,7 \ln 1,0.5,0.375,0.14,0.5495,0.248,0.112,0.1585,7 \ln 1,0.5,0.375,0.12,0.542,$  $0.215, 0.116, 0.17, 9 \ nI, 0.5, 0.38, 0.125, 0.519, 0.2485, 0.1135, 0.134, 8 \ nM, 0.5, 0.39, 0.125, 0.134, 0.125, 0.1$ 0.125, 0.5215, 0.2485, 0.117, 0.131, 65,7\nI,0.51,0.405,0.125,0.6795,0.3465,0.1395,0.182,8\nF,0.51,0.4,0.125,0.545, 0.261,0.115,0.1385,6\nI,0.51,0.4,0.125,0.5575,0.2615,0.1195,0.1525,9\nI,0.51,  $\tt 0.38, 0.115, 0.5155, 0.215, 0.1135, 0.166, 8 \\ \tt nI, 0.515, 0.385, 0.125, 0.6115, 0.3175, 0.12$  $65, 0.15, 8 \times 0.15, 8 \times 0.145, 0.7765, 0.3525, 0.1845, 0.185, 9 \times 0.52, 0.38, 0.135,$ 5395,0.2295,0.133,0.157,8\nI,0.52,0.38,0.125,0.5545,0.288,0.1295,0.167,8\nF,0. 52,0.46,0.15,1.019,0.523,0.1985,0.254,7\nI,0.525,0.4,0.13,0.6455,0.325,0.1245, 0.17,8nI,0.525,0.4,0.14,0.601,0.2625,0.1285,0.1835,9nM,0.525,0.405,0.12,0.7555,0.3755,0.1555,0.201,9\nI,0.525,0.395,0.12,0.608,0.297,0.1395,0.1405,8\nI,0. 53,0.4,0.125,0.617,0.279,0.127,0.19,8\nI,0.535,0.39,0.125,0.599,0.2595,0.149,  $0.169, 9\\ \\ \text{nI}, 0.54, 0.42, 0.14, 0.6665, 0.3125, 0.138, 0.1895, \\ 10\\ \\ \text{nM}, 0.545, 0.39, 0.135, 0.1895, \\ 10\\ \\ \text{nM}, 0.545, 0.39, \\ 0.135, 0.1895, \\ 10\\ \\ \text{nM}, 0.545, \\ 0.39, 0.135, \\ 0.1895, \\$  $7835, 0.4225, 0.1815, 0.156, 7 \\ 100, 0.545, 0.41, 0.12, 0.793, 0.434, 0.1405, 0.19, 9 \\ 100, 0.545, 0.41, 0.12, 0.793, 0.434, 0.1405, 0.19, 9 \\ 100, 0.545, 0.41, 0.12, 0.793, 0.434, 0.1405, 0.19, 9 \\ 100, 0.14$ 45,0.415,0.14,0.82,0.4615,0.127,0.218,9\nF,0.55,0.415,0.135,0.8145,0.427,0.185 5,0.175,8\nF,0.55,0.43,0.15,0.84,0.395,0.195,0.223,8\nM,0.55,0.425,0.15,0.831  $5,0.411,0.1765,0.2165,10 \times 0.56,0.43,0.145,0.8995,0.464,0.1775,0.234,9 \times 0.56,0.145,$ 6,0.445,0.16,0.8965,0.42,0.2175,0.2215,8\nF,0.56,0.44,0.155,0.6405,0.336,0.176 5,0.245,8\nM,0.56,0.415,0.145,0.852,0.43,0.1885,0.205,8\nM,0.565,0.455,0.15,0. 9595,0.4565,0.2395,0.23,9\nM,0.565,0.435,0.15,0.99,0.5795,0.1825,0.206,8\nF,0. 565,0.45,0.175,1.0095,0.447,0.2375,0.2645,9\nM,0.57,0.46,0.15,1.0375,0.5415,0. 2035,0.25,9\nF,0.57,0.445,0.145,0.8775,0.412,0.217,0.22,8\nI,0.57,0.44,0.15,0. 755,0.3425,0.16,0.224,8\nf,0.575,0.46,0.145,0.9945,0.466,0.229,0.265,7\nf,0.57 5,0.45,0.16,1.068,0.556,0.214,0.2575,10\nM,0.575,0.435,0.14,0.8455,0.401,0.19 1,0.222,9\nF,0.575,0.47,0.165,0.869,0.435,0.197,0.238,9\nM,0.575,0.455,0.135,  $0.907, 0.4245, 0.197, 0.26, 9 \ nI, 0.575, 0.435, 0.13, 0.805, 0.3155, 0.2155, 0.245, 10 \ nM$  $0.575, 0.445, 0.17, 1.0225, 0.549, 0.2175, 0.228, 9 \nM, 0.575, 0.445, 0.145, 0.847, 0.415,$  $0.1945, 0.22, 9 \times 0.455, 0.455, 0.15, 1.114, 0.4765, 0.2155, 0.265, 8 \times 0.455, 0.15, 0.15$ 95,1.859,0.945,0.426,0.441,9nM,0.58,0.445,0.135,0.814,0.3775,0.1915,0.22,9n M, 0.58, 0.45, 0.14, 0.9615, 0.486, 0.1815, 0.253, 9\nM, 0.58, 0.45, 0.145, 1.0025, 0.547, 0.1975, 0.2295, 8 nF, 0.58, 0.45, 0.155, 0.93, 0.385, 0.246, 0.265, 9 nM, 0.585, 0.46, 0.145,0.9335,0.478,0.1825,0.235,9\nM,0.585,0.465,0.16,0.9555,0.4595,0.236,0.265,7 \nM,0.59,0.47,0.15,0.9955,0.481,0.232,0.24,8\nF,0.6,0.475,0.16,1.0265,0.485,0. 2495,0.2565,9\nM,0.6,0.455,0.17,1.1915,0.696,0.2395,0.24,8\nF,0.6,0.465,0.15,  $1.1025, 0.5455, 0.262, 0.25, 8 \times 0.66, 0.465, 0.155, 1.0165, 0.512, 0.2465, 0.225, 10 \times 0.66, 0.665, 0.66$  $0.605, 0.47, 0.165, 1.1775, 0.611, 0.2275, 0.292, 9 \nM, 0.605, 0.475, 0.14, 1.1175, 0.555,$  $0.257, 0.274, 9 \times 10, 0.605, 0.48, 0.17, 1.1835, 0.582, 0.2365, 0.317, 10 \times 10, 0.605, 0.475, 0.257, 0.257, 0.274, 9 \times 10, 0.605, 0.48, 0.17, 1.1835, 0.582, 0.2365, 0.317, 10 \times 10, 0.605, 0.475, 0.257, 0$  $0.165, 1.056, 0.433, 0.2195, 0.357, 9 \times 0.61, 0.485, 0.16, 1.0145, 0.5315, 0.212, 0.241$ 5,8\nm,0.61,0.485,0.145,1.3305,0.783,0.2255,0.2865,9\nm,0.61,0.47,0.165,1.052, 0.498,0.242,0.267,9\nM,0.615,0.46,0.17,1.0565,0.4815,0.272,0.27,10\nF,0.615,0. 465,0.15,0.923,0.4615,0.1825,0.2415,9\nF,0.615,0.475,0.155,1.027,0.447,0.25,0. 285,9\nM,0.62,0.47,0.135,1.0195,0.5315,0.2005,0.2475,8\nM,0.62,0.45,0.2,0.858, 0.4285,0.1525,0.2405,8\nf,0.62,0.48,0.16,1.1125,0.5635,0.2445,0.281,8\nf,0.62 5,0.485,0.175,1.3745,0.7335,0.2715,0.332,9\nM,0.625,0.48,0.185,1.2065,0.587,0. 29,0.286,8\nM,0.63,0.47,0.155,1.1325,0.589,0.211,0.287,8\nM,0.63,0.5,0.175,1.2 645,0.5635,0.3065,0.3425,10\nF,0.635,0.495,0.015,1.1565,0.5115,0.308,0.2885,9  $\n, 0.64, 0.515, 0.165, 1.369, 0.632, 0.3415, 0.358, 10 \nM, 0.645, 0.53, 0.195, 1.39, 0.64$  $65, 0.2945, 0.3735, 10 \\ \text{nf}, 0.645, 0.48, 0.17, 1.1345, 0.528, 0.254, 0.305, 10 \\ \text{nf}, 0.65, 0.$ 5,0.19,1.464,0.6415,0.339,0.4245,9\nM,0.65,0.5,0.155,1.202,0.565,0.3135,0.294, 11\nM,0.655,0.515,0.16,1.31,0.553,0.369,0.345,11\nF,0.655,0.51,0.175,1.415,0.5  $885, 0.3725, 0.364, 10 \\ \text{nf}, 0.66, 0.53, 0.185, 1.346, 0.546, 0.2705, 0.476, 11 \\ \text{nm}, 0.665, 0.$ 

525,0.16,1.363,0.629,0.279,0.34,8\nI,0.665,0.5,0.17,1.2975,0.6035,0.291,0.359 5,9\nF,0.67,0.505,0.205,1.3645,0.6075,0.3025,0.353,9\nF,0.685,0.54,0.215,1.702  $5, 0.664, 0.3655, 0.4735, 14 \\ nm, 0.685, 0.52, 0.165, 1.519, 0.699, 0.3685, 0.4, 10 \\ nf, 0.685, 0.699, 0.699, 0.3685, 0.4, 10 \\ nf, 0.685, 0.699,$  $9, 0.54, 0.155, 1.454, 0.624, 0.3105, 0.39, 9 \\ \\ nM, 0.69, 0.53, 0.21, 1.583, 0.7355, 0.405, 0.624, 0.62$  $3865,12\nf,0.69,0.53,0.17,1.5535,0.7945,0.3485,0.3695,9\nM,0.695,0.56,0.185,1.$ 74,0.885,0.3715,0.4375,10\nM,0.7,0.565,0.18,1.751,0.895,0.3355,0.446,9\nM,0.7,  $0.575, 0.19, 2.273, 1.095, 0.418, 0.638, 12 \\ \text{nf}, 0.7, 0.525, 0.19, 1.6465, 0.8545, 0.307, 0.525, 0.19, 1.6465, 0.8545, 0.307, 0.525, 0.19, 1.6465, 0.8545, 0.307, 0.525, 0.19, 1.6465, 0.8545, 0.307, 0.525, 0.19, 1.6465, 0.8545, 0.307, 0.525, 0.19, 1.6465, 0.8545, 0.307, 0.525, 0.19, 1.6465, 0.8545, 0.307, 0.525, 0.19, 1.6465, 0.8545, 0.307, 0.525, 0.19, 1.6465, 0.8545, 0.307, 0.525, 0.19, 1.6465, 0.8545, 0.307, 0.525, 0.19, 0.8545, 0.307, 0.525, 0.19, 0.8545, 0.8545, 0.307, 0.525, 0.19, 0.8545, 0.854$ 3995,9\nF,0.705,0.55,0.17,1.219,0.6395,0.236,0.301,9\nF,0.71,0.56,0.18,1.652,  $0.735, 0.381, 0.4525, 11\nM, 0.715, 0.55, 0.19, 2.0045, 1.0465, 0.407, 0.5075, 12\nM, 0.715, 0.5075, 0.1075,$ 5,0.535,0.19,1.6755,0.889,0.313,0.42,10\nF,0.72,0.58,0.195,2.103,1.0265,0.48, 0.5375,10\nF,0.72,0.55,0.2,1.9965,0.9035,0.469,0.5215,10\nM,0.72,0.565,0.145,  $1.187, 0.691, 0.1945, 0.2685, 8 \nM, 0.725, 0.505, 0.185, 1.978, 1.026, 0.4255, 0.4505, 12$ \nf,0.73,0.575,0.185,1.8795,0.931,0.38,0.4825,12\nM,0.735,0.585,0.185,2.124,0. 952,0.55,0.5,11\nM,0.745,0.565,0.215,1.931,0.896,0.4585,0.5,11\nF,0.75,0.57,0. 21,2.236,1.109,0.5195,0.545,11\nF,0.755,0.625,0.21,2.505,1.1965,0.513,0.6785,1 1\nm,0.755,0.58,0.205,2.0065,0.8295,0.4015,0.595,10\nf,0.78,0.63,0.215,2.657, 1.488,0.4985,0.586,11\nI,0.185,0.375,0.12,0.4645,0.196,0.1045,0.15,6\nI,0.245,  $0.205, 0.06, 0.0765, 0.034, 0.014, 0.0215, 4 \nI, 0.25, 0.185, 0.065, 0.0685, 0.0295, 0.01$ 4,0.0225,5\nI,0.25,0.19,0.065,0.0835,0.039,0.015,0.025,5\nI,0.275,0.195,0.09, 0.1125,0.0545,0.0295,0.0355,6\nI,0.305,0.215,0.065,0.1075,0.044,0.0205,0.038,5 \nI,0.31,0.225,0.07,0.1055,0.435,0.015,0.04,5\nI,0.315,0.23,0.08,0.1375,0.054 5,0.031,0.0445,5\nI,0.315,0.23,0.07,0.1145,0.046,0.0235,0.0385,5\nI,0.325,0.22  $5,0.075,0.139,0.0565,0.032,0.09,6 \ nI,0.33,0.25,0.095,0.2085,0.102,0.0395,0.05$ 2,7\nI,0.33,0.205,0.095,0.1595,0.077,0.032,0.0435,5\nI,0.335,0.245,0.09,0.201 5,0.096,0.0405,0.048,7\nI,0.34,0.25,0.09,0.179,0.0775,0.033,0.055,6\nI,0.345,  $0.255, 0.095, 0.1945, 0.0925, 0.037, 0.055, 6 \nI, 0.345, 0.255, 0.085, 0.2005, 0.105, 0.03$ 7,0.05,5\nI,0.35,0.27,0.075,0.215,0.1,0.036,0.065,6\nI,0.35,0.255,0.09,0.1785, 0.0855,0.0305,0.0525,8\nI,0.36,0.27,0.085,0.196,0.0875,0.035,0.064,4\nI,0.365,  $0.27, 0.085, 0.1875, 0.081, 0.042, 0.058, 6\\ \\ \mathsf{nI}, 0.365, 0.27, 0.085, 0.196, 0.0825, 0.0375, \\ \mathsf{nI}, 0.365, 0.27, 0.085, 0.196, 0.0825, 0.0825, \\ \mathsf{nI}, 0.365, 0.27, 0.085, 0.196, 0.0825, 0.0825, \\ \mathsf{nI}, 0.365, 0.27, 0.085, 0.0825, \\ \mathsf{nI}, 0.365, 0.0825, \\ \mathsf{nI}, 0.0825, 0.08$ 0.06,7\nI,0.365,0.265,0.085,0.213,0.0945,0.049,0.06,7\nI,0.37,0.29,0.09,0.244 5,0.089,0.0655,0.075,7\nI,0.37,0.28,0.085,0.217,0.1095,0.035,0.062,6\nI,0.375, 0.29, 0.095, 0.213, 0.096, 0.041, 0.061, 5  $n_{1}, 0.375, 0.29, 0.085, 0.2385, 0.118, 0.045, 0.0$ 0695,7\nI,0.375,0.275,0.09,0.218,0.093,0.0405,0.0755,6\nI,0.375,0.275,0.095,0. 2465,0.11,0.0415,0.0775,6\nI,0.375,0.28,0.08,0.2025,0.0825,0.048,0.065,8\nI,0. 375,0.27,0.085,0.218,0.0945,0.039,0.07,7\nI,0.38,0.275,0.11,0.256,0.11,0.0535, 0.0755,6\nI,0.38,0.27,0.08,0.2105,0.0865,0.042,0.07,8\nI,0.385,0.29,0.09,0.261 5,0.111,0.0595,0.0745,9\nI,0.385,0.28,0.085,0.2175,0.097,0.038,0.067,8\nI,0.38 5,0.3,0.095,0.302,0.152,0.0615,0.0735,7\nI,0.385,0.28,0.09,0.228,0.1025,0.042, 0.0655,5\nI,0.39,0.3,0.095,0.3265,0.1665,0.0575,0.089,7\nI,0.395,0.305,0.105,  $0.284, 0.1135, 0.0595, 0.0945, 8 \nI, 0.395, 0.295, 0.095, 0.2725, 0.115, 0.0625, 0.085, 8$ \nI,0.395,0.27,0.1,0.2985,0.1445,0.061,0.082,5\nI,0.4,0.29,0.1,0.2675,0.1205, 0.0605,0.0765,5\nI,0.405,0.285,0.09,0.2645,0.1265,0.0505,0.075,6\nI,0.41,0.33 5,0.11,0.33,0.157,0.0705,0.17,7\nI,0.42,0.305,0.09,0.328,0.168,0.0615,0.082,6 \nI,0.425,0.325,0.11,0.3335,0.173,0.045,0.1,7\nI,0.425,0.32,0.1,0.3055,0.126,  $0.06, 0.106, 7 \ln 1, 0.425, 0.31, 0.09, 0.301, 0.1385, 0.065, 0.08, 7 \ln 1, 0.43, 0.34, 0, 0.42$ 8,0.2065,0.086,0.115,8\nI,0.43,0.315,0.095,0.378,0.175,0.08,0.1045,8\nI,0.435,  $0.315, 0.11, 0.3685, 0.1615, 0.0715, 0.12, 7 \ nI, 0.44, 0.34, 0.12, 0.438, 0.2115, 0.083,$ 12,9\nI,0.45,0.33,0.105,0.448,0.208,0.089,0.12,9\nI,0.455,0.345,0.105,0.4005, 0.164,0.0755,0.126,8\nF,0.455,0.365,0.115,0.4305,0.184,0.108,0.1245,8\nI,0.45 5,0.33,0.1,0.372,0.358,0.0775,0.11,8\nI,0.46,0.36,0.105,0.466,0.2225,0.099,0.1 1,7\nI,0.46,0.35,0.105,0.3705,0.1575,0.077,0.114,9\nF,0.46,0.365,0.125,0.4785,  $0.206, 0.1045, 0.141, 8 \ln 1, 0.465, 0.34, 0.11, 0.346, 0.1425, 0.073, 0.113, 11 \ln 1, 0.47, 0.000$ 365,0.1,0.411,0.175,0.0855,0.135,8\nI,0.47,0.355,0.18,0.48,0.2055,0.105,0.150 5,8\nI,0.47,0.355,0.12,0.393,0.167,0.0885,0.115,8\nI,0.475,0.355,0.1,0.5035,0. 2535,0.091,0.14,8\nI,0.475,0.38,0.12,0.441,0.1785,0.0885,0.1505,8\nI,0.475,0.3 6,0.11,0.492,0.211,0.11,0.15,8 \nI,0.48,0.37,0.125,0.5435,0.244,0.101,0.165,9 \n  $I, 0.48, 0.355, 0.115, 0.4725, 0.2065, 0.112, 0.132, 8 \setminus nI, 0.48, 0.365, 0.1, 0.461, 0.2205,$  $0.0835, 0.135, 8 \ln 1, 0.495, 0.355, 0.12, 0.4965, 0.214, 0.1045, 0.1495, 8 \ln 1, 0.495, 0.38,$  $0.13, 0.5125, 0.2185, 0.116, 0.16, 7 \ nM, 0.495, 0.395, 0.12, 0.553, 0.224, 0.1375, 0.167, 8$ \nI,0.5,0.38,0.135,0.594,0.2945,0.104,0.1565,9\nM,0.5,0.42,0.135,0.6765,0.302,  $0.1415, 0.2065, 9 \\ \texttt{NI}, 0.5, 0.375, 0.145, 0.5795, 0.239, 0.1375, 0.185, 9 \\ \texttt{NI}, 0.5, 0.41, 0.1 \\ \texttt{NI}, 0.41, 0.$  $4,0.6615,0.2585,0.1625,0.196,9 \ nI,0.5,0.375,0.125,0.5695,0.259,0.124,0.157,7 \ n$ I,0.5,0.395,0.14,0.6215,0.2925,0.1205,0.195,9\nI,0.505,0.405,0.13,0.6015,0.301 5,0.11,0.18,8\nI,0.505,0.38,0.12,0.594,0.2595,0.1435,0.18,7\nI,0.505,0.395,0.1  $05, 0.551, 0.248, 0.103, 0.171, 8 \ni, 0.515, 0.38, 0.12, 0.625, 0.3265, 0.1295, 0.16, 7 \ni,$ 0.515,0.42,0.135,0.711,0.337,0.144,0.205,13\nI,0.515,0.4,0.135,0.6965,0.32,0.1 255,0.175,9\nI,0.52,0.4,0.13,0.5825,0.233,0.1365,0.18,10\nI,0.52,0.395,0.125, 0.663,0.3005,0.131,0.1905,9\nI,0.525,0.4,0.125,0.6965,0.369,0.1385,0.164,9\nM, 0.525,0.42,0.155,0.842,0.428,0.1415,0.2045,9\nI,0.53,0.415,0.13,0.694,0.3905,

 $0.111, 0.167, 9 \times 1, 0.53, 0.42, 0.155, 0.81, 0.4725, 0.111, 0.192, 10 \times 1, 0.53, 0.415, 0.1$  $1, 0.5745, 0.2525, 0.1235, 0.189, 9 \\ \backslash nI, 0.53, 0.425, 0.13, 0.7675, 0.419, 0.1205, 0.21, 9 \\ \backslash nI, 0.5745, 0.2525, 0.1235, 0.1235, 0.189, 9 \\ \backslash nI, 0.53, 0.425, 0.13, 0.7675, 0.419, 0.1205, 0.21, 9 \\ \backslash nI, 0.5745, 0.1205, 0.1$ I,0.535,0.4,0.135,0.6025,0.2895,0.121,0.154,9\nI,0.535,0.415,0.15,0.5765,0.359 5,0.135,0.225,8 nF,0.535,0.41,0.13,0.7145,0.335,0.144,0.2075,9 nM,0.535,0.435,0.135,0.135,0.225,8 nF,0.535,0.41,0.13,0.7145,0.335,0.144,0.2075,9 nM,0.535,0.435,0.435,0.135,0.225,8 nF,0.535,0.41,0.13,0.7145,0.335,0.144,0.2075,9 nM,0.535,0.455,0.455,0.455,0.455,0.455,0.455,0.455,0.455,0.455,0.455,0.455,0.455,0.455,0.455,0.455,0.455,0.455,0.455,0.455,0.455,0. $0.15, 0.717, 0.3475, 0.1445, 0.194, 9 \\ \text{nf}, 0.54, 0.42, 0.145, 0.8655, 0.4315, 0.163, 0.217$ 5,0.372,0.148,0.227,8\nF,0.545,0.445,0.15,0.8,0.3535,0.163,0.207,9\nI,0.545,0. 43,0.15,0.7285,0.302,0.1315,0.2545,10\nI,0.545,0.405,0.135,0.5945,0.27,0.1185, 0.185,8\nI,0.55,0.43,0.145,0.7895,0.3745,0.171,0.223,11\nF,0.55,0.405,0.125,0. 651,0.2965,0.137,0.2,9\nM,0.55,0.43,0.15,0.8745,0.413,0.1905,0.248,9\nI,0.55, 0.435,0.14,0.7535,0.3285,0.1555,0.2325,10\nI,0.55,0.425,0.135,0.7305,0.3325,0. 1545,0.215,9\nM,0.555,0.44,0.14,0.8705,0.407,0.156,0.255,9\nI,0.555,0.43,0.15 5,0.7395,0.3135,0.1435,0.28,10\nI,0.555,0.43,0.14,0.7665,0.341,0.165,0.23,9\n I,0.555,0.425,0.145,0.7905,0.3485,0.1765,0.225,9\nI,0.56,0.425,0.135,0.8205,0. 3715,0.185,0.236,9\nI,0.56,0.425,0.145,0.688,0.3095,0.1305,0.2165,9\nF,0.56,0. 445,0.155,1.224,0.5565,0.3225,0.2695,10\nI,0.56,0.455,0.145,0.974,0.547,0.161 5,0.235,9\nI,0.565,0.44,0.175,0.8735,0.414,0.21,0.21,11\nF,0.565,0.45,0.145,0. 8495,0.4215,0.1685,0.225,8\nM,0.565,0.445,0.15,0.796,0.3635,0.184,0.219,8\nM, 0.565,0.39,0.125,0.744,0.352,0.13,0.1685,11\nI,0.57,0.45,0.145,0.751,0.2825,0. 2195,0.2215,10\nI,0.57,0.45,0.135,0.794,0.3815,0.1415,0.245,8\nF,0.57,0.46,0.1 35,0.9795,0.397,0.2525,0.2655,9nM,0.57,0.435,0.17,0.873,0.382,0.183,0.2705,10 \nI,0.57,0.44,0.13,0.7665,0.347,0.1785,0.202,10\nM,0.57,0.435,0.125,0.8965,0.3 83,0.1835,0.275,9\nf,0.575,0.42,0.135,0.857,0.461,0.147,0.2125,10\nf,0.575,0.4 8,0.165,1.078,0.511,0.2095,0.306,9 \nM, 0.575,0.46,0.155,0.892,0.4415,0.176,0.255,0.405,0.167,0.204,10\nF,0.58,0.445,0.15,0.858,0.4,0.156,0.253,8\nM,0.585,0.  $465, 0.155, 0.9145, 0.4555, 0.1965, 0.235, 9 \\ \\ nM, 0.585, 0.49, 0.185, 1.171, 0.522, 0.2535, \\ nM, 0.585, 0.49, 0.185, 0.196, 0.2535, \\ nM, 0.585, 0.496, 0.185, 0.196, 0.196, \\ nM, 0.585, 0.196, 0.196, \\ nM, 0.585, 0.196, 0.196, \\ nM, 0.585, 0.196, 0.196, \\ nM, 0.196, 0.196, \\ nM, 0.196, 0.196, \\ nM, 0.196, 0.196, \\ nM, 0.1$  $0.335,10\nI,0.585,0.475,0.16,1.0505,0.48,0.234,0.285,10\nM,0.585,0.46,0.165,1.$  $1135, 0.5825, 0.2345, 0.274, 10 \\ 10, 0.585, 0.47, 0.165, 1.409, 0.8, 0.229, 0.295, 10 \\ 10, 0.8, 0.229, 0.295, 10 \\ 10, 0.8, 0.229, 0.295, 10 \\ 10, 0.8, 0.229, 0.295, 10 \\ 10, 0.8, 0.229, 0.295, 10 \\ 10, 0.8, 0.229, 0.295, 10 \\ 10, 0.8, 0.229, 0.295, 10 \\ 10, 0.8, 0.229, 0.295, 10 \\ 10, 0.8, 0.229, 0.295, 10 \\ 10, 0.8, 0.229, 0.295, 10 \\ 10, 0.8, 0.229, 0.295, 10 \\ 10, 0.8, 0.229, 0.295, 10 \\ 10, 0.8, 0.229, 0.295, 10 \\ 10, 0.8, 0.295, 0.255, 0.255, 0.255, 0.255, 0.255, 0.255, 0.255, 0.255, 0.255, 0.255, 0.255, 0.255, 0.255,$  $585, 0.475, 0.15, 1.065, 0.5315, 0.199, 0.2885, 10 \\ 10 \\ 10.585, 0.45, 0.18, 0.7995, 0.336, 0.66,
0.66, 0$  $1855, 0.237, 8 \\ \text{nI}, 0.59, 0.445, 0.135, 0.7715, 0.328, 0.1745, 0.23, 9 \\ \text{nM}, 0.59, 0.47, 0.18, 0.18, 0.19$ 1.187,0.5985,0.227,0.31,9\nM,0.59,0.455,0.155,0.8855,0.388,0.188,0.275,10\nF, 0.595,0.465,0.15,0.98,0.4115,0.196,0.2255,10\nF,0.595,0.465,0.155,1.026,0.464  $5,0.112,0.305,12\nM,0.6,0.475,0.17,1.1315,0.508,0.272,0.309,10\nM,0.6,0.48,0.1$  $55, 1.014, 0.451, 0.1885, 0.325, 11 \nI, 0.6, 0.475, 0.15, 1.12, 0.565, 0.2465, 0.27, 10 \nF,$  $0.6, 0.465, 0.155, 1.04, 0.4755, 0.25, 0.28, 11 \nf, 0.6, 0.455, 0.145, 0.8895, 0.419, 0.171$ 5,0.269,10\nM,0.6,0.46,0.155,0.9595,0.4455,0.189,0.295,11\nI,0.605,0.485,0.15,  $1.238, 0.6315, 0.226, 0.33, 11 \nM, 0.605, 0.49, 0.14, 0.9755, 0.419, 0.206, 0.315, 10 \nI$  $0.605, 0.435, 0.13, 0.9025, 0.432, 0.174, 0.26, 11 \nf, 0.605, 0.475, 0.175, 1.076, 0.463,$  $0.2195, 0.335, 9 \\ \text{nF}, 0.605, 0.47, 0.16, 1.0835, 0.5405, 0.2215, 0.275, 12 \\ \text{nM}, 0.61, 0.45, 0.215$  $0.15, 0.871, 0.407, 0.1835, 0.25, 10 \nM, 0.61, 0.48, 0.165, 1.244, 0.6345, 0.257, 0.305, 12$ \nM, 0.61, 0.475, 0.17, 1.0265, 0.435, 0.2335, 0.3035, 10\nI, 0.61, 0.465, 0.15, 0.9605, 0. 4495,0.1725,0.286,9\nM,0.61,0.48,0.17,1.137,0.4565,0.29,0.347,10\nM,0.61,0.46, 0.16,1,0.494,0.197,0.275,10 nF, 0.615,0.475,0.155,1.004,0.4475,0.193,0.2895,10 $\mbox{nm}, 0.615, 0.47, 0.165, 1.128, 0.4465, 0.2195, 0.34, 10\mbox{nm}, 0.615, 0.5, 0.17, 1.054, 0.484$ 5,0.228,0.295,10\nF,0.615,0.475,0.165,1.023,0.4905,0.1955,0.3035,12\nM,0.615,  $0.475, 0.17, 1.129, 0.4795, 0.302, 0.3, 10 \ nM, 0.615, 0.48, 0.175, 1.118, 0.446, 0.3195, 0.$  $3,9 \\ \text{nf}, 0.615, 0.475, 0.155, 1.115, 0.484, 0.2115, 0.355, 10 \\ \text{nM}, 0.62, 0.51, 0.175, 1.281$ 5,0.5715,0.2385,0.39,10nM,0.62,0.495,0.18,1.2555,0.5765,0.254,0.355,12nF,0.62,0.5,0.15,1.293,0.596,0.3135,0.354,10\nF,0.62,0.475,0.16,1.1295,0.463,0.2685,  $0.33,10\nM,0.625,0.455,0.17,1.082,0.4955,0.2345,0.315,9\nF,0.625,0.505,0.175,$ 1.15,0.5475,0.256,0.3045,11\nf,0.625,0.515,0.16,1.264,0.5715,0.326,0.321,9\nf,  $0.625, 0.48, 0.155, 1.2035, 0.5865, 0.239, 0.3185, 12 \\ \text{nf}, 0.63, 0.485, 0.17, 1.3205, 0.594$ 5,0.345,0.345,9\nI,0.63,0.505,0.18,1.272,0.6025,0.295,0.315,11\nM,0.63,0.485, 0.145,1.062,0.5065,0.1785,0.3365,12\nI,0.63,0.475,0.145,1.0605,0.5165,0.2195,  $0.28,10\nM,0.63,0.495,0.16,1.093,0.497,0.221,0.315,12\nM,0.635,0.49,0.16,1.10$ 1,0.534,0.1865,0.3455,10\nf,0.635,0.5,0.165,1.4595,0.705,0.2645,0.39,9\nf,0.63 5,0.495,0.175,1.211,0.707,0.2725,0.323,9\nM,0.635,0.475,0.17,1.1935,0.5205,0.2 695,0.3665,10\nM,0.635,0.51,0.155,0.986,0.405,0.2255,0.31,10\nM,0.64,0.565,0.2 3,1.521,0.644,0.372,0.406,15\nM,0.64,0.525,0.18,1.3135,0.4865,0.2995,0.4075,10 \nm, 0.645, 0.51, 0.16, 1.1835, 0.556, 0.2385, 0.345, 11\nm, 0.645, 0.5, 0.195, 1.401, 0.61  $65, 0.3515, 0.3725, 10 \times 0.645, 0.525, 0.16, 1.5075, 0.7455, 0.245, 0.4325, 11 \times 0.65, 0.65, 0.3515, 0.3725,$  $0.505, 0.165, 1.16, 0.4785, 0.274, 0.349, 11 \ nF, 0.65, 0.59, 0.22, 1.662, 0.77, 0.378, 0.43$  $5,11\nM,0.65,0.525,0.175,1.5365,0.6865,0.3585,0.405,11\nM,0.65,0.51,0.19,1.54$ 2,0.7155,0.3735,0.375,9\nF,0.65,0.51,0.17,1.567,0.7245,0.349,0.391,10\nF,0.65 5,0.525,0.19,1.3595,0.564,0.3215,0.3985,10\nM,0.655,0.535,0.205,1.6445,0.7305,  $0.3595, 0.46, 13 \\ nF, 0.655, 0.52, 0.19, 1.4545, 0.6, 0.3865, 0.383, 10 \\ nM, 0.655, 0.49, 0.18,
0.18, 0.$ 75,1.3585,0.6395,0.294,0.365,10 nF,0.66,0.495,0.21,1.548,0.724,0.3525,0.3925,1.3585,0.6395,0.294,0.365,10 $0 \\ nF, 0.66, 0.515, 0.17, 1.337, 0.615, 0.3125, 0.3575, 10 \\ nF, 0.665, 0.53, 0.18, 1.491, 0.665, 0.516,$  345,0.342,0.435,10\nF,0.67,0.53,0.225,1.5615,0.63,0.487,0.3725,11\nF,0.67,0.50  $5,0.175,1.0145,0.4375,0.271,0.3745,10 \nM,0.675,0.545,0.185,1.7375,0.876,0.313$ 5,0.469,13\nM,0.685,0.545,0.205,1.7925,0.8145,0.416,0.461,9\nF,0.695,0.565,0.1  $9, 1.7635, 0.7465, 0.399, 0.4975, 11 \\ 11, 0.7, 0.545, 0.13, 1.556, 0.6725, 0.374, 0.195, 12, 0.105, 0.10$ \nM,0.705,0.565,0.515,2.21,1.1075,0.4865,0.512,10\nM,0.705,0.555,0.215,2.141,  $1.0465, 0.383, 0.528, 11 \\ 1 \\ 1 \\ 1 \\ 0.705, 0.57, 0.18, 1.5345, 0.96, 0.4195, 0.43, 12 \\ 1 \\ 1 \\ 1 \\ 0.71, 0.7$ 55,0.17,1.614,0.743,0.345,0.45,11\nF,0.72,0.575,0.17,1.9335,0.913,0.389,0.51,1  $3\nM, 0.72, 0.575, 0.215, 2.173, 0.9515, 0.564, 0.5365, 12\nF, 0.725, 0.6, 0.2, 1.737, 0.69$  $7,0.3585,0.595,11\nF,0.73,0.58,0.19,1.7375,0.6785,0.4345,0.52,11\nF,0.735,0.56$ 5,0.205,2.1275,0.949,0.46,0.565,12\nF,0.745,0.57,0.215,2.25,1.1565,0.446,0.55 8,9\nf,0.75,0.61,0.235,2.5085,1.232,0.519,0.612,14\nf,0.815,0.65,0.25,2.255,0.  $8905, 0.42, 0.7975, 14 \setminus 11, 0.14, 0.105, 0.035, 0.014, 0.0055, 0.0025, 0.004, 3 \setminus 11, 0.23, 0.014, 0.0055, 0.0025, 0.004, 0.0025, 0.004, 0.0025,
0.0025, 0.$ 165,0.06,0.0515,0.019,0.0145,0.036,4\nI,0.365,0.265,0.135,0.2215,0.105,0.047, 0.0605,7\nI,0.365,0.255,0.08,0.1985,0.0785,0.0345,0.053,5\nI,0.37,0.27,0.095, 0.232,0.1325,0.041,0.0615,6\nI,0.375,0.28,0.085,0.3155,0.187,0.046,0.067,7\nI,  $0.385, 0.3, 0.09, 0.247, 0.1225, 0.044, 0.0675, 5 \nI, 0.395, 0.295, 0.09, 0.3025, 0.143, 0.$ 0665,0.0765,5\nI,0.4,0.29,0.11,0.329,0.188,0.0455,0.0825,6\nI,0.4,0.3,0.09,0.2 815,0.1185,0.061,0.08,7\nI,0.405,0.31,0.095,0.3425,0.1785,0.064,0.0855,8\nI,0. 405,0.29,0.09,0.2825,0.112,0.075,0.0815,7\nI,0.405,0.3,0.105,0.304,0.1455,0.06 1,0.0805,6\nI,0.41,0.32,0.095,0.2905,0.141,0.063,0.073,5\nM,0.415,0.315,0.115, 0.3895,0.2015,0.065,0.103,9\nI,0.425,0.34,0.105,0.389,0.2015,0.0905,0.088,6\n  $I, 0.43, 0.34, 0.105, 0.4405, 0.2385, 0.0745, 0.1075, 6 \ nI, 0.44, 0.34, 0.105, 0.369, 0.16$ 4,0.08,0.1015,5\nM,0.44,0.32,0.12,0.4565,0.2435,0.092,0.1025,8\nI,0.44,0.365, 0.11, 0.4465, 0.213, 0.089, 0.1135, 96\ni,0.455,0.335,0.135,0.501,0.274,0.0995,0.1065,7\ni,0.46,0.355,0.11,0.436,0. 1975,0.096,0.125,8\nI,0.47,0.345,0.14,0.4615,0.229,0.1105,0.116,9\nI,0.47,0.3  $5,0.125,0.4315,0.19,0.1165,0.1175,6\ni,0.47,0.355,0.12,0.3685,0.126,0.0835,0.0835,0.126,0.0835,0.0855,0.0855,0.0855,0.0855,0.0855,0.0855,0.0855,0.0855,0.0855,0.0855,0.0855,0.08$ 365,6\nM,0.475,0.37,0.125,0.649,0.347,0.136,0.142,8\nI,0.475,0.365,0.115,0.45  $9, 0.2175, 0.093, 0.1165, 7 \\ \mathsf{nf}, 0.475, 0.365, 0.115, 0.566, 0.281, 0.117, 0.1335, 7 \\ \mathsf{nI}, 0.485, 0.1165, 0.1$  $8, 0.36, 0.125, 0.542, 0.2795, 0.1025, 0.147, 7 \\ \ln 1, 0.485, 0.38, 0.12, 0.4725, 0.2075, 0.1085, 0.$  $75, 0.147, 6 \\ \text{nm}, 0.485, 0.39, 0.085, 0.6435, 0.2945, 0.103, 0.198, 8 \\ \text{nm}, 0.485, 0.37, 0.13, 0.198, 0.103, 0.198, 0.1$
0.526,0.2485,0.105,0.1555,6\nF,0.495,0.38,0.12,0.573,0.2655,0.1285,0.144,7\nM,  $0.505, 0.385, 0.105, 0.5525, 0.239, 0.1245, 0.1555, 9 \\ \mathsf{nF}, 0.505, 0.38, 0.135, 0.6855, 0.36, 0.1245, 0.1555, 0.1$ 1,0.1565,0.161,9\nI,0.515,0.395,0.125,0.556,0.2695,0.096,0.17,8\nM,0.515,0.42 5,0.145,0.9365,0.497,0.181,0.2185,8\nI,0.515,0.4,0.125,0.5625,0.25,0.1245,0.1  $7,7 \times 0.52,0.4,0.125,0.559,0.254,0.139,0.149,8 \times 0.525,0.4,0.14,0.7205,0.368$ 5,0.145,0.1735,8nI,0.53,0.43,0.13,0.7045,0.346,0.1415,0.189,9nM,0.53,0.4,0.125,0.7575,0.398,0.151,0.175,8\nf,0.545,0.41,0.14,0.7405,0.3565,0.1775,0.203,9 \nF,0.55,0.43,0.14,0.84,0.375,0.218,0.1945,8\nM,0.55,0.425,0.16,0.793,0.343,0. 2035,0.215,9\nf,0.56,0.43,0.15,0.8745,0.453,0.161,0.22,8\nf,0.56,0.435,0.15,0.  $8715, 0.4755, 0.1835, 0.1835, 9 \nM, 0.57, 0.445, 0.15, 0.9875, 0.504, 0.207, 0.249, 8 \nM,$  $0.575, 0.465, 0.15, 1.08, 0.595, 0.2065, 0.238, 9 \ nM, 0.575, 0.46, 0.165, 0.9155, 0.4005,$ 0.2465, 0.2385, 8 nf, 0.58, 0.46, 0.175, 1.165, 0.65, 0.2205, 0.3055, 9 nf, 0.58, 0.435, 0.14,0.953,0.475,0.2165,0.2095,9\nM,0.585,0.455,0.15,0.906,0.4095,0.23,0.2335,8 \nM,0.59,0.44,0.15,0.8725,0.387,0.215,0.245,8\nF,0.59,0.465,0.15,1.151,0.613,  $0.239, 0.2515, 9 \\ \text{nf}, 0.59, 0.46, 0.145, 0.9905, 0.453, 0.2205, 0.275, 8 \\ \text{nf}, 0.595, 0.455$  $0.16, 1.04, 0.452, 0.2655, 0.288, 9 \nm, 0.6, 0.455, 0.155, 0.945, 0.4365, 0.2085, 0.25, 8 \n$ M, 0.6, 0.465, 0.2, 1.259, 0.6405, 0.1985, 0.357, 9\nF, 0.605, 0.485, 0.165, 0.9515, 0.453  $5,0.193,0.2765,11\nf,0.605,0.485,0.16,1.201,0.417,0.2875,0.38,9\nf,0.605,0.51$ 5,0.17,1.289,0.6,0.2945,0.3315,9\nF,0.61,0.485,0.17,1.1005,0.5125,0.229,0.305, 11\nI,0.615,0.475,0.13,0.8425,0.353,0.1915,0.251,8\nM,0.62,0.485,0.155,1.049,  $0.462, 0.231, 0.25, 10 \\ \text{nf}, 0.62, 0.435, 0.155, 1.012, 0.477, 0.236, 0.275, 8 \\ \text{nm}, 0.62, 0.475, 0.275, 0$  $8, 0.165, 1.0725, 0.4815, 0.235, 0.312, 9 \times 0.625, 0.52, 0.175, 1.4105, 0.691, 0.322, 0.310, 0.165$  $465,10 \ln 0.625,0.47,0.18,1.136,0.451,0.3245,0.305,11 \ln 0.63,0.47,0.145,1.100$ 5,0.52,0.26,0.276,9\nF,0.63,0.5,0.175,1.1105,0.467,0.268,0.329,10\nM,0.63,0.45 5,0.15,1.1315,0.481,0.2745,0.305,9\nM,0.63,0.48,0.15,1.271,0.6605,0.2425,0.31,
11\nf,0.63,0.49,0.225,1.336,0.6805,0.259,0.3245,10\nf,0.635,0.505,0.145,1.134 5,0.505,0.2655,0.315,10\nM,0.635,0.51,0.185,1.308,0.544,0.318,0.377,8\nF,0.64, 0.515,0.205,1.5335,0.6635,0.3345,0.4025,9\nF,0.645,0.515,0.175,1.546,0.7035,0.  $365, 0.415, 10 \\ nM, 0.645, 0.51, 0.155, 1.539, 0.6405, 0.3585, 0.43, 11 \\ nF, 0.645, 0.505, 0.$ 165,1.318,0.55,0.3015,0.335,11\nF,0.65,0.545,0.175,1.5245,0.59,0.326,0.495,10 \nM, 0.65, 0.515, 0.175, 1.466, 0.677, 0.3045, 0.4, 10\nF, 0.65, 0.5, 0.16, 1.3825, 0.702,  $0.304, 0.3195, 9 \\ nM, 0.65, 0.485, 0.14, 1.175, 0.475, 0.2435, 0.215, 8 \\ nF, 0.655, 0.54, 0.215,$ 15,1.5555,0.695,0.296,0.444,11\nM,0.655,0.51,0.215,1.7835,0.8885,0.4095,0.419  $5,11\nM,0.66,0.505,0.165,1.374,0.589,0.351,0.345,10\nF,0.665,0.515,0.18,1.389,$  $0.5945, 0.324, 0.395, 10 \nM, 0.67, 0.545, 0.2, 1.7025, 0.833, 0.374, 0.41, 11 \nM, 0.67, 0.5$ 1,0.175,1.5265,0.651,0.4475,0.345,10 nm,0.67,0.5,0.19,1.519,0.616,0.388,0.415,10\nF,0.68,0.5,0.185,1.741,0.7665,0.3255,0.4685,12\nM,0.68,0.515,0.17,1.6115, 0.8415,0.306,0.395,11\nM,0.69,0.525,0.2,1.7825,0.9165,0.3325,0.461,12\nF,0.7,

0.55,0.17,1.684,0.7535,0.3265,0.32,11\nM,0.7,0.555,0.2,1.858,0.73,0.3665,0.59 5,11\nM,0.705,0.56,0.165,1.675,0.797,0.4095,0.388,10\nM,0.72,0.565,0.2,2.1055,  $1.017, 0.363, 0.494, 12 \\ 12 \\ 10, 0.725, 0.575, 0.24, 2.21, 1.351, 0.413, 0.5015, 13 \\ 13 \\ 10, 0.74, 0.363, 0.494, 12 \\ 13 \\ 14 \\ 15 \\ 15 \\ 15 \\ 16 \\ 16 \\ 17 \\ 10, 0.74, 0.363, 0.494, 12 \\ 10, 0.725, 0.575, 0.24, 2.21, 1.351, 0.413, 0.5015, 13 \\ 10, 0.74, 0.363, 0.494, 12 \\ 10, 0.74, 0.363, 0.494, 12 \\ 10, 0.74, 0.363, 0.494, 12 \\ 10, 0.74, 0.363, 0.494, 12 \\ 10, 0.74, 0.363, 0.494, 12 \\ 10, 0.74, 0.363, 0.494, 0.4$ 57,0.18,1.8725,0.9115,0.427,0.446,10\nM,0.75,0.55,0.18,1.893,0.942,0.397,0.44 5,11\nI,0.21,0.17,0.045,0.0475,0.019,0.011,0.013,5\nI,0.285,0.21,0.055,0.101,  $0.0415, 0.017, 0.0335, 5 \\ \ln 1, 0.295, 0.215, 0.07, 0.121, 0.047, 0.0155, 0.0405, 6 \\ \ln 1, 0.3, 0.0415, 0.04$ 0.23,0.085,0.117,0.05,0.0175,0.0415,6\nI,0.305,0.225,0.09,0.1465,0.063,0.034, 0.0415,6\nI,0.335,0.255,0.08,0.168,0.079,0.0355,0.05,5\nI,0.35,0.26,0.075,0.1 8,0.09,0.0245,0.055,5\nI,0.355,0.27,0.075,0.1775,0.079,0.0315,0.054,6\nI,0.35 5,0.26,0.09,0.1985,0.0715,0.0495,0.058,7\nI,0.36,0.27,0.095,0.2,0.073,0.056,0.  $061,8 \\ 11,0.36,0.275,0.075,0.2205,0.0985,0.044,0.066,7 \\ 11,0.36,0.265,0.075,0.18$ 45,0.083,0.0365,0.055,7\nI,0.365,0.27,0.085,0.2225,0.0935,0.0525,0.066,7\nI,0. 37,0.27,0.095,0.2175,0.097,0.046,0.065,6\nI,0.375,0.28,0.08,0.2165,0.0935,0.09 25,0.07,7\nI,0.38,0.285,0.095,0.243,0.0895,0.0665,0.075,7\nI,0.38,0.29,0.1,0.2 37,0.108,0.0395,0.082,6\nI,0.385,0.29,0.09,0.2365,0.1,0.0505,0.076,8\nI,0.385,  $0.28, 0.095, 0.257, 0.119, 0.059, 0.07, 7 \ nI, 0.385, 0.3, 0.09, 0.308, 0.1525, 0.056, 0.083$ 5,8\nI,0.39,0.3,0.09,0.252,0.1065,0.053,0.08,7\nI,0.39,0.285,0.1,0.281,0.1275,  $0.062, 0.077, 7 \ln 1, 0.39, 0.29, 0.1, 0.2225, 0.095, 0.0465, 0.073, 7 \ln 1, 0.41, 0.3, 0.09, 0.000$ 304,0.129,0.071,0.0955,8\nI,0.41,0.3,0.09,0.28,0.141,0.0575,0.075,8\nI,0.415,  $0.325, 0.1, 0.313, 0.139, 0.0625, 0.0965, 7 \nI, 0.425, 0.325, 0.11, 0.317, 0.135, 0.048, 0.$ 09,8\nI,0.425,0.315,0.08,0.303,0.131,0.0585,0.095,7\nI,0.435,0.335,0.1,0.3295, 0.129,0.07,0.11,7\nI,0.435,0.325,0.11,0.367,0.1595,0.08,0.105,6\nI,0.45,0.34, 0.095, 0.3245, 0.1385, 0.064, 0.105, 8 1, 0.45, 0.335, 0.11, 0.4195, 0.181, 0.085, 0.1345,7\nI,0.455,0.36,0.115,0.457,0.2085,0.0855,0.147,10\nI,0.46,0.35,0.11,0.4,0.1 76,0.083,0.1205,7\nI,0.46,0.355,0.11,0.4255,0.2015,0.081,0.13,7\nI,0.465,0.37, 0.12, 0.4365, 0.188, 0.0815, 0.147, 9 nI, 0.465, 0.345, 0.11, 0.393, 0.1825, 0.0735, 0.12,8\nI,0.47,0.355,0.125,0.499,0.21,0.0985,0.155,8\nI,0.475,0.36,0.145,0.6325,0.2 825,0.137,0.19,8\nM,0.475,0.36,0.1,0.4285,0.1965,0.099,0.112,7\nI,0.475,0.36,  $0.125, 0.4905, 0.205, 0.1305, 0.125, 8 \\ \texttt{NI}, 0.48, 0.37, 0.125, 0.474, 0.179, 0.1035, 0.175, 0.125, 0.474, 0.179, 0.1035, 0.175, 0.125, 0.474, 0.179, 0.1035, 0.175,$  $9 \\ 1, 0.48, 0.37, 0.12, 0.536, 0.251, 0.114, 0.15, \\ 8 \\ 1, 0.48, 0.355, 0.16, 0.464, 0.221, 0.16, 0.16, 0.464, 0.221, 0.16, 0.$ 106,0.239,8\nI,0.485,0.375,0.13,0.6025,0.2935,0.1285,0.16,7\nI,0.49,0.375,0.11 5,0.4615,0.204,0.0945,0.143,8\nI,0.49,0.4,0.135,0.624,0.3035,0.1285,0.169,8\n I,0.495,0.37,0.125,0.4715,0.2075,0.091,0.15,8\nI,0.495,0.4,0.105,0.602,0.2505, 0.1265,0.19,8\nI,0.5,0.4,0.12,0.616,0.261,0.143,0.1935,8\nI,0.5,0.39,0.12,0.59 55,0.2455,0.147,0.173,8\nI,0.5,0.375,0.14,0.559,0.2375,0.135,0.169,9\nI,0.51,  $0.395, 0.13, 0.6025, 0.281, 0.143, 0.162, 7 \ nF, 0.515, 0.375, 0.11, 0.6065, 0.3005, 0.131, 0.6065, 0.3005, 0.131, 0.6065, 0.3005, 0.131, 0.6065, 0.3005, 0.131, 0.6065, 0.3005, 0.131, 0.6065, 0.3005, 0.131, 0.6065, 0.3005, 0.131, 0.6065, 0.3005, 0.131, 0.6065, 0.3005, 0.131, 0.6065, 0.3005, 0.131, 0.6065, 0.3005, 0.131, 0.6065, 0.3005, 0.131, 0.6065, 0.3005, 0.131, 0.6065, 0.3005, 0.131, 0.6065, 0.3005, 0.131, 0.6065, 0.3005, 0.131, 0.6065, 0.3005, 0.131, 0.6065, 0.3005, 0.131, 0.6065, 0.3005, 0.131, 0.162, 0.16$ 0.15,6\nI,0.515,0.36,0.125,0.4725,0.1815,0.125,0.138,9\nI,0.515,0.35,0.105,0.4 745,0.213,0.123,0.1275,10\nI,0.515,0.395,0.125,0.6635,0.32,0.14,0.17,8\nI,0.51 5,0.39,0.125,0.5705,0.238,0.1265,0.185,8\nI,0.52,0.41,0.145,0.646,0.2965,0.159 5,0.165,9\nI,0.52,0.39,0.13,0.5545,0.2355,0.1095,0.1895,7\nM,0.525,0.415,0.14 5,0.845,0.3525,0.1635,0.2875,8 $I, 0.525, 0.38, 0.135, 0.615, 0.261, 0.159, 0.175, 8 \setminus II, 0.525, 0.4, 0.14, 0.654, 0.305, 0.1$  $6,0.169,7 \times 0.525,0.4,0.155,0.707,0.282,0.1605,0.225,9 \times 0.53,0.42,0.12,0.59$ 65,0.2555,0.141,0.177,7\nI,0.53,0.43,0.135,0.6255,0.245,0.1455,0.2135,10\nI,0.  $53,0.4,0.145,0.555,0.1935,0.1305,0.195,9 \ nI,0.53,0.42,0.13,0.8365,0.3745,0.16$  $7,0.249,11\nI,0.535,0.4,0.13,0.657,0.2835,0.162,0.175,7\nI,0.54,0.43,0.17,0.83$ 6,0.3725,0.1815,0.24,9\nI,0.54,0.425,0.14,0.742,0.32,0.1395,0.25,9\nI,0.54,0.4 3,0.14,0.8195,0.3935,0.1725,0.2295,9 \nM, 0.54,0.455,0.14,0.972,0.419,0.255,0.269,10\nI,0.54,0.42,0.14,0.6275,0.2505,0.1175,0.235,9\nI,0.54,0.425,0.13,0.7205, 0.2955,0.169,0.225,10\nI,0.54,0.425,0.135,0.686,0.3475,0.1545,0.213,8\nI,0.54 5,0.4,0.13,0.686,0.3285,0.1455,0.18,9nI,0.545,0.375,0.12,0.543,0.2375,0.1155, $0.1725,8 \ln I, 0.545, 0.42, 0.125, 0.717, 0.358, 0.112, 0.22, 8 \ln M, 0.55, 0.435, 0.14, 0.762$ 5,0.327,0.1685,0.259,10\nI,0.55,0.425,0.15,0.639,0.269,0.1345,0.217,9\nI,0.55,  $0.42, 0.135, 0.816, 0.3995, 0.1485, 0.23, 12 \nI, 0.55, 0.415, 0.145, 0.7815, 0.373, 0.16,$ 0.2215,8\nI,0.55,0.425,0.15,0.7665,0.339,0.176,0.21,8\nI,0.555,0.395,0.13,0.55 85,0.222,0.1245,0.17,9\nI,0.555,0.435,0.14,0.765,0.3945,0.15,0.206,8\nI,0.555, 0.46,0.145,0.9005,0.3845,0.158,0.2765,11\nI,0.56,0.445,0.15,0.8225,0.3685,0.18  $7,0.236,10\nI,0.56,0.44,0.13,0.7235,0.349,0.149,0.2,8\nM,0.56,0.425,0.135,0.84$ 9,0.3265,0.221,0.2645,10\nI,0.565,0.42,0.155,0.743,0.31,0.186,0.231,9\nF,0.56 5,0.44,0.15,0.863,0.435,0.149,0.27,9\nM,0.565,0.44,0.125,0.802,0.3595,0.1825,  $0.215,9 \times 0.565,0.43,0.15,0.831,0.4245,0.1735,0.219,10 \times 0.57,0.45,0.135,0.7$ 805,0.3345,0.185,0.21,8\nM,0.57,0.45,0.14,0.795,0.3385,0.148,0.245,9\nI,0.57,  $0.435, 0.17, 0.848, 0.4, 0.166, 0.25, 9 \ nI, 0.57, 0.43, 0.145, 0.833, 0.354, 0.144, 0.2815,$ 10\nI,0.57,0.445,0.155,0.867,0.3705,0.1705,0.28,9\nI,0.57,0.445,0.145,0.7405, 0.306,0.172,0.1825,12\nM,0.575,0.455,0.165,0.867,0.3765,0.1805,0.268,8\nI,0.57 5,0.425,0.135,0.7965,0.364,0.196,0.239,10\nF,0.575,0.47,0.155,1.116,0.509,0.23 8,0.34,10nI,0.575,0.45,0.125,0.78,0.3275,0.188,0.235,9nM,0.575,0.47,0.185,0.985,0.3745,0.2175,0.355,10\nF,0.575,0.465,0.195,0.9965,0.417,0.247,0.47,8\nI,  $0.575, 0.445, 0.17, 0.8015, 0.3475, 0.1465, 0.25, 9 \nI, 0.575, 0.45, 0.135, 0.807, 0.3615,$ 

0.176,0.254,10\nF,0.575,0.435,0.15,1.0305,0.4605,0.218,0.36,8\nM,0.575,0.445,  $0.16, 0.839, 0.4005, 0.198, 0.239, 9 \ nM, 0.575, 0.44, 0.16, 0.9615, 0.483, 0.166, 0.275, 13$ \nF,0.58,0.435,0.15,0.834,0.428,0.1515,0.23,8\nM,0.58,0.46,0.155,1.0335,0.469, 0.2225,0.295,10\nM,0.58,0.43,0.13,0.798,0.365,0.173,0.2285,10\nI,0.58,0.445,0.  $125, 0.7095, 0.303, 0.1405, 0.235, 9 \\ \mathsf{nf}, 0.585, 0.445, 0.14, 0.913, 0.4305, 0.2205, 0.253, 0.4305, 0.2205, 0.253, 0.4305, 0.2205, 0.253$  $10 \\ \\ nM, \\ 0.59, \\ 0.49, \\ 0.165, \\ 1.207, \\ 0.559, \\ 0.235, \\ 0.309, \\ 10 \\ \\ nI, \\ 0.59, \\ 0.45, \\ 0.145, \\ 1.022, \\ 0.42, \\ 0.42, \\ 0.42, \\ 0.42, \\ 0.44, \\ 0.4$ 8,0.268,0.265,10\nI,0.59,0.46,0.145,0.9015,0.419,0.1785,0.26,11\nF,0.595,0.43 5,0.15,0.9,0.4175,0.17,0.265,8\nM,0.595,0.45,0.14,0.838,0.3965,0.194,0.217,10 \nM, 0.595, 0.45, 0.145, 0.959, 0.463, 0.2065, 0.2535, 10\nI, 0.595, 0.46, 0.15, 0.8335, 0. 377,0.1925,0.235,8\nF,0.6,0.46,0.155,0.9735,0.427,0.2045,0.3,8\nF,0.6,0.475,0. 15,1.13,0.575,0.196,0.305,9\nM,0.6,0.48,0.165,0.9165,0.4135,0.1965,0.2725,9\n I,0.6,0.48,0.17,0.9175,0.38,0.2225,0.29,8\nF,0.6,0.48,0.18,1.0645,0.4495,0.245 5,0.325,10\nM,0.6,0.47,0.165,1.059,0.504,0.241,0.275,9\nM,0.6,0.47,0.16,1.194,  $0.5625, 0.3045, 0.2635, 10 \ nF, 0.605, 0.455, 0.145, 0.9775, 0.468, 0.1775, 0.275, 9 \ nM, 0.605, 0.168, 0.175, 0.275, 0.275, 9 \ nM, 0.605, 0.168, 0.175, 0.185$  $605, 0.475, 0.145, 0.884, 0.3835, 0.1905, 0.27, 8 \ nI, 0.605, 0.47, 0.145, 0.8025, 0.379, 0.$ 2265,0.22,9\nF,0.605,0.48,0.14,0.991,0.4735,0.2345,0.24,8\nF,0.605,0.47,0.155,  $0.974, 0.393, 0.224, 0.3345, 9 \ nF, 0.605, 0.505, 0.18, 1.434, 0.7285, 0.264, 0.431, 11 \ nM$  $0.61, 0.475, 0.155, 0.983, 0.4565, 0.228, 0.266, 10 \nF, 0.61, 0.465, 0.16, 1.0725, 0.4835,$ 0.2515,0.28,10\nF,0.61,0.485,0.15,1.2405,0.6025,0.2915,0.3085,12\nM,0.61,0.47, 0.16,1.022,0.449,0.2345,0.2945,9\nF,0.61,0.475,0.16,1.1155,0.3835,0.223,0.379, 10\nI,0.61,0.465,0.125,0.9225,0.436,0.19,0.26,9\nM,0.61,0.47,0.17,1.1185,0.522 5,0.2405,0.31,9\nF,0.61,0.485,0.18,1.2795,0.5735,0.2855,0.355,7\nM,0.615,0.47,  $\tt 0.16, 1.0175, 0.473, 0.2395, 0.28, 10 \\ \tt nM, 0.615, 0.475, 0.175, 1.224, 0.6035, 0.261, 0.31$ 1,9\nI,0.62,0.485,0.18,1.154,0.4935,0.256,0.315,12\nF,0.62,0.515,0.155,1.3255,  $0.6685, 0.2605, 0.335, 12 \\ 12 \\ 10, 0.62, 0.515, 0.175, 1.221, 0.535, 0.241, 0.395, 13 \\ 13 \\ 15, 0.62, 0.62, 0.685, 0.241, 0.395, 0.241, 0.241, 0.395, 0.241, 0$  $0.54, 0.165, 1.139, 0.4995, 0.2435, 0.357, 11 \nI, 0.62, 0.49, 0.16, 1.066, 0.446, 0.246, 0.$ 305,11\nF,0.62,0.48,0.18,1.2215,0.582,0.2695,0.313,12\nI,0.62,0.47,0.14,0.856  $5,0.3595,0.16,0.295,9 \\ nI,0.62,0.45,0.135,0.924,0.358,0.2265,0.2965,10 \\ nM,0.62,0.359,$  $0.48, 0.15, 1.266, 0.6285, 0.2575, 0.309, 12 \\ \ln F, 0.62, 0.48, 0.175, 1.0405, 0.464, 0.2225, 0.48, 0.175, 0.185, 0$  $0.3, 9 \\ \\ 10.3, 9 \\ \\ 10.625, 0.49, 0.165, 1.1165, 0.4895, 0.2615, 0.3325, 11 \\ \\ 110, 0.625, 0.475, 0.16, 0.165, 0.16$  $1.0845, 0.5005, 0.2355, 0.3105, 10 \\ nm, 0.625, 0.5, 0.17, 1.0985, 0.4645, 0.22, 0.354, 9 \\ nm, 0.625, 0.5, 0.17, 1.0985, 0.4645, 0.22, 0.354, 9 \\ nm, 0.625, 0.5, 0.17, 1.0985, 0.4645, 0.22, 0.354, 9 \\ nm, 0.625, 0.5, 0.17, 0.17, 0.0985, 0.4645, 0.22, 0.354, 9 \\ nm, 0.625, 0.5, 0.17, 0.17, 0.0985, 0.4645, 0.22, 0.354, 9 \\ nm, 0.625, 0.5, 0.17, 0.0985, 0.4645, 0.22, 0.354, 9 \\ nm, 0.625, 0.5, 0.17, 0.0985, 0.4645, 0.22, 0.354, 9 \\ nm, 0.625, 0.5, 0.17, 0.0985, 0.4645, 0.22, 0.354, 9 \\ nm, 0.625, 0.5, 0.17, 0.0985, 0.4645, 0.22, 0.354, 9 \\ nm, 0.625, 0.5, 0.17, 0.0985, 0.4645, 0.22, 0.354, 9 \\ nm, 0.625, 0.5, 0.17, 0.0985, 0.4645, 0.22, 0.354, 9 \\ nm, 0.625, 0.5, 0.17, 0.0985, 0.4645, 0.22, 0.354, 9 \\ nm, 0.625, 0$ I,0.625,0.47,0.155,1.1955,0.643,0.2055,0.3145,12\nF,0.625,0.485,0.175,1.362,0. 6765,0.2615,0.3705,10\nI,0.625,0.485,0.15,1.044,0.438,0.2865,0.278,9\nM,0.63, 0.505,0.17,1.0915,0.4615,0.266,0.3,9\nF,0.63,0.5,0.18,1.1965,0.514,0.2325,0.39 95,8\nM,0.63,0.49,0.17,1.1745,0.5255,0.273,0.339,11\nM,0.63,0.485,0.165,1.233,  $0.6565, 0.2315, 0.3035, 10 \\ \mathsf{nM}, 0.63, 0.495, 0.175, 1.2695, 0.605, 0.271, 0.328, 11 \\ \mathsf{nI}, 0.605, 0.2315, 0.3035, 0.3035, 0.3035, 0.495, 0.17$ 35,0.5,0.165,1.489,0.715,0.3445,0.3615,13\nM,0.635,0.5,0.17,1.4345,0.611,0.30 9,0.418,12\nf,0.635,0.49,0.175,1.2435,0.5805,0.313,0.305,10\nf,0.635,0.49,0.1 7,1.2615,0.5385,0.2665,0.38,9\nF,0.64,0.505,0.165,1.2235,0.5215,0.2695,0.36,10  $\n^{0.64}, 0.515, 0.18, 1.247, 0.5475, 0.2925, 0.3685, 10\n^{0.64}, 0.525, 0.185, 1.707, 0.$ 763,0.4205,0.4435,11\nM,0.645,0.505,0.15,1.1605,0.519,0.2615,0.335,10\nM,0.64 5,0.5,0.175,1.286,0.5645,0.288,0.386,12\nM,0.645,0.5,0.19,1.5595,0.741,0.3715, 0.3845,14 \nM, 0.645,0.51,0.19,1.4745,0.605,0.345,0.48,9 \nM, 0.645,0.51,0.195,1.2 $26,0.5885,0.2215,0.3745,10\nM,0.645,0.51,0.16,1.33,0.6665,0.309,0.317,9\nF,0.6$ 45,0.51,0.16,1.2415,0.5815,0.276,0.315,9nM,0.645,0.5,0.175,1.3375,0.554,0.30 $8,0.415,10\nF,0.645,0.51,0.19,1.363,0.573,0.362,0.36,10\nM,0.645,0.485,0.15,1.$ 2215,0.5695,0.2735,0.33,9\nF,0.645,0.48,0.19,1.371,0.6925,0.2905,0.35,12\nF,0. 65,0.495,0.155,1.337,0.615,0.3195,0.335,9\nM,0.65,0.505,0.19,1.274,0.59,0.23,  $0.391,11\nM,0.65,0.525,0.185,1.488,0.665,0.337,0.378,11\nM,0.65,0.51,0.16,1.38$ 35,0.6385,0.2905,0.3665,9nM,0.655,0.55,0.18,1.274,0.586,0.281,0.365,10nF,0.655,0.51,0.15,1.043,0.4795,0.223,0.305,9 \nf,0.655,0.505,0.19,1.3485,0.5935,0.27 45,0.425,12\nF,0.655,0.505,0.195,1.4405,0.688,0.3805,0.363,11\nM,0.66,0.5,0.16 5,1.3195,0.667,0.269,0.341,9 \nf,0.66,0.535,0.175,1.5175,0.711,0.3125,0.415,12  $\ndots$  $7685, 0.3545, 0.3925, 14 \\ nM, 0.665, 0.525, 0.175, 1.443, 0.6635, 0.3845, 0.353, 11 \\ nM, 0.6635, 0.3645, 0$  $65, 0.505, 0.16, 1.289, 0.6145, 0.253, 0.3665, 11 \nf, 0.665, 0.505, 0.16, 1.2915, 0.631, 0.$ 2925,0.32,11\nm,0.665,0.52,0.175,1.3725,0.606,0.32,0.395,12\nm,0.665,0.5,0.17 5,1.2975,0.6075,0.314,0.315,9\nM,0.67,0.505,0.16,1.2585,0.6255,0.311,0.308,12 \nM, 0.67, 0.52, 0.165, 1.39, 0.711, 0.2865, 0.3, 11\nF, 0.67, 0.52, 0.19, 1.32, 0.5235, 0.3 095,0.4275,13\nf,0.67,0.55,0.155,1.566,0.858,0.339,0.354,10\nf,0.67,0.54,0.19 5,1.619,0.74,0.3305,0.465,11\nM,0.675,0.525,0.16,1.2835,0.572,0.2755,0.3545,13  $\nF, 0.675, 0.51, 0.195, 1.382, 0.6045, 0.3175, 0.3965, 10\nM, 0.68, 0.52, 0.195, 1.4535,$  $0.592, 0.391, 0.4125, 10 \\ nF, 0.68, 0.51, 0.2, 1.6075, 0.714, 0.339, 0.4705, 11 \\ nM, 0.685, 0.512, 0.51$  $0.52, 0.15, 1.3735, 0.7185, 0.293, 0.32, 11 \nf, 0.685, 0.565, 0.175, 1.638, 0.7775, 0.375,$  $0.438,11\nF,0.69,0.55,0.2,1.569,0.687,0.3675,0.46,12\nM,0.7,0.565,0.175,1.856$ 5,0.8445,0.3935,0.54,10\nF,0.7,0.535,0.175,1.773,0.6805,0.48,0.512,15\nF,0.70 5,0.545,0.17,1.58,0.6435,0.4565,0.265,11\nM,0.71,0.575,0.215,2.009,0.9895,0.44  $75, 0.502, 11 \\ \ln F, 0.71, 0.57, 0.195, 1.9805, 0.9925, 0.4925, 0.48, 12 \\ \ln F, 0.71, 0.54, 0.20$ 5,1.5805,0.802,0.287,0.435,10\nM,0.71,0.56,0.22,2.015,0.9215,0.454,0.566,11\n

 $M, 0.72, 0.57, 0.2, 1.8275, 0.919, 0.366, 0.485, 10 \ nM, 0.72, 0.55, 0.205, 2.125, 1.1455, 0.$ 4425,0.511,13\nF,0.72,0.525,0.18,1.445,0.631,0.3215,0.435,7\nF,0.725,0.565,0.2  $1, 2.1425, 1.03, 0.487, 0.503, 14 \\ \mathsf{nf}, 0.73, 0.56, 0.19, 1.9425, 0.799, 0.5195, 0.5655, 11 \\ \mathsf{ng}, 0.5655, 0.56$  $\texttt{M}, \texttt{0.735}, \texttt{0.59}, \texttt{0.215}, \texttt{1.747}, \texttt{0.7275}, \texttt{0.403}, \texttt{0.557}, \texttt{11} \\ \texttt{nF}, \texttt{0.74}, \texttt{0.565}, \texttt{0.205}, \texttt{2.119}, \texttt{0.965}$  $5, 0.5185, 0.482, 12 \\ 12 \\ 17, 0.75, 0.565, 0.215, 1.938, 0.7735, 0.4825, 0.575, 11 \\ 11 \\ 11 \\ 10.75, 0.585, 0$  $95, 0.205, 2.2205, 1.083, 0.421, 0.63, 12 \\ \\ 12 \\ \\ 10, 0.77, 0.62, 0.195, 2.5155, 1.1155, 0.6415,$ 642,12\nM,0.775,0.63,0.25,2.7795,1.3485,0.76,0.578,12\nI,0.275,0.175,0.09,0.23 15,0.096,0.057,0.0705,5\nI,0.375,0.245,0.1,0.394,0.166,0.091,0.1125,6\nF,0.37 5,0.27,0.135,0.597,0.272,0.131,0.1675,7\nM,0.39,0.28,0.125,0.564,0.3035,0.095 5,0.143,7\nI,0.435,0.3,0.12,0.5965,0.259,0.139,0.1645,8\nM,0.445,0.32,0.12,0.4 14,0.199,0.09,0.117,7\nI,0.455,0.335,0.105,0.422,0.229,0.0865,0.1,6\nI,0.455, 0.325,0.135,0.82,0.4005,0.1715,0.211,8\nI,0.455,0.345,0.11,0.434,0.207,0.0855, 0.1215,8\nI,0.465,0.325,0.14,0.7615,0.362,0.1535,0.209,10\nM,0.465,0.36,0.115,  $0.5795, 0.295, 0.1395, 0.12, 7 \nI, 0.485, 0.365, 0.105, 0.5205, 0.195, 0.123, 0.182, 8 \nM$  $0.485, 0.37, 0.155, 0.968, 0.419, 0.2455, 0.2365, 9 \ nI, 0.485, 0.345, 0.16, 0.869, 0.3085,$  $0.185, 0.319, 9 \\ nF, 0.49, 0.355, 0.16, 0.8795, 0.3485, 0.215, 0.2825, 8 \\ nM, 0.5, 0.37, 0.1$ 5,1.0615,0.494,0.223,0.296,9nM,0.515,0.35,0.155,0.9225,0.4185,0.198,0.273,9n  $M, 0.515, 0.395, 0.135, 1.007, 0.472, 0.2495, 0.252, 8 \nM, 0.525, 0.365, 0.17, 0.9605, 0.43$  $8,0.2225,0.276,10\nM,0.525,0.38,0.125,0.65,0.303,0.155,0.159,7\nM,0.53,0.41,0.$ 14,0.7545,0.3495,0.1715,0.2105,8\nF,0.535,0.425,0.135,0.771,0.3765,0.1815,0.17 95,8\nI,0.535,0.385,0.18,1.0835,0.4955,0.2295,0.304,8\nI,0.545,0.42,0.165,0.89 35,0.4235,0.2195,0.228,8\nf,0.545,0.415,0.2,1.358,0.567,0.318,0.403,10\nf,0.54 5,0.385,0.15,1.1185,0.5425,0.2445,0.2845,9\nF,0.55,0.38,0.165,1.205,0.543,0.29 4,0.3345,10\nM,0.55,0.42,0.16,1.3405,0.6325,0.311,0.344,10\nM,0.57,0.455,0.17 5,1.02,0.4805,0.2145,0.29,9 \nM, 0.575,0.44,0.185,1.025,0.5075,0.2245,0.2485,10\nI,0.575,0.45,0.13,0.8145,0.403,0.1715,0.213,10\nF,0.58,0.43,0.17,1.48,0.653 5,0.324,0.4155,10\nM,0.585,0.455,0.145,0.953,0.3945,0.2685,0.258,10\nI,0.585,  $0.45, 0.15, 0.8915, 0.3975, 0.2035, 0.253, 8 \\ nM, 0.6, 0.495, 0.175, 1.3005, 0.6195, 0.284, 0.175$  $0.3285,11\\ \\ 1\\ \\ \\ 1.038,0.4975,0.2205,0.251,9\\ \\ \\ 1.0475,0.475,0.17$  $1.2525, 0.5575, 0.3055, 0.343, 9 \\ \mathsf{nM}, 0.605, 0.475, 0.15, 1.15, 0.575, 0.232, 0.297, 10 \\ \mathsf{nF}, 0.15,$  $0.61, 0.475, 0.15, 1.1135, 0.5195, 0.2575, 0.3005, 11 \\ \mathsf{nf}, 0.615, 0.455, 0.145, 1.1155, 0.5185, 0.145$ 045,0.238,0.315,10\nM,0.62,0.47,0.145,1.0865,0.511,0.2715,0.2565,10\nM,0.625,  $0.495, 0.175, 1.254, 0.5815, 0.286, 0.3185, 9 \nM, 0.625, 0.49, 0.185, 1.169, 0.5275, 0.253$ 5,0.344,11\nM,0.635,0.495,0.195,1.172,0.445,0.3115,0.3475,11\nF,0.635,0.475,0. 15,1.1845,0.533,0.307,0.291,10\nF,0.64,0.475,0.14,1.0725,0.4895,0.2295,0.31,8 \nm, 0.645, 0.5, 0.16, 1.3815, 0.672, 0.326, 0.315, 9\nm, 0.65, 0.525, 0.19, 1.6125, 0.777, 0.3685,0.3965,11\nM,0.65,0.485,0.16,1.7395,0.5715,0.2785,0.3075,10\nF,0.655,0. 52,0.2,1.5475,0.713,0.314,0.466,9\nM,0.655,0.545,0.19,1.4245,0.6325,0.333,0.37  $8,10\nF,0.665,0.515,0.185,1.3405,0.5595,0.293,0.4375,11\nF,0.675,0.53,0.175,1.$ 4465,0.6775,0.33,0.389,10\nF,0.685,0.535,0.175,1.5845,0.7175,0.3775,0.4215,9\n F,0.695,0.55,0.185,1.679,0.805,0.4015,0.3965,10\nM,0.695,0.53,0.19,1.726,0.762 5,0.436,0.455,11\nf,0.705,0.545,0.18,1.5395,0.6075,0.3675,0.4645,13\nf,0.72,0. 55,0.195,2.073,1.0715,0.4265,0.5015,9nm,0.72,0.56,0.18,1.5865,0.691,0.375,0.4425,11\nM,0.73,0.575,0.21,2.069,0.9285,0.409,0.643,11\nI,0.185,0.135,0.04,0.02 7,0.0105,0.0055,0.009,5 1,0.24,0.18,0.055,0.0555,0.0235,0.013,0.018,4 1,0.3 $1,0.215,0.075,0.1275,0.0565,0.0275,0.036,7 \ nI,0.34,0.26,0.085,0.1885,0.0815,0.$ 0335,0.06,6\nI,0.35,0.265,0.08,0.2,0.09,0.042,0.06,7\nI,0.365,0.27,0.085,0.19 7,0.0815,0.0325,0.065,6 1,0.365,0.275,0.085,0.223,0.098,0.0375,0.075,7 1,0.365,0.27,0.075,0.2215,0.095,0.0445,0.07,6\nI,0.39,0.31,0.105,0.2665,0.1185,0.05 25,0.081,8\nI,0.405,0.3,0.09,0.269,0.103,0.067,0.11,6\nI,0.41,0.315,0.095,0.28 05,0.114,0.0345,0.11,7\nI,0.41,0.335,0.105,0.3305,0.1405,0.064,0.105,7\nI,0.41  $5,0.31,0.09,0.2815,0.1245,0.0615,0.085,6 \ nI,0.415,0.31,0.1,0.2805,0.114,0.056$ 5,0.0975,6\nI,0.415,0.31,0.095,0.311,0.1125,0.0625,0.115,8\nI,0.42,0.325,0.1, 0.368,0.1675,0.0625,0.1135,11\nI,0.43,0.34,0.1,0.3405,0.1395,0.0665,0.12,8\nI, 0.435,0.335,0.1,0.3245,0.135,0.0785,0.098,7\nI,0.435,0.33,0.11,0.38,0.1515,0.0 945,0.11,7\nI,0.435,0.33,0.105,0.335,0.156,0.0555,0.105,8\nI,0.435,0.345,0.12,  $0.3215, 0.13, 0.056, 0.1185, 7 \ nI, 0.445, 0.33, 0.11, 0.358, 0.1525, 0.067, 0.1185, 8 \ nI,$  $0.465, 0.37, 0.11, 0.445, 0.1635, 0.096, 0.166, 7 \setminus 11, 0.47, 0.375, 0.12, 0.487, 0.196, 0.09$ 9,0.135,8\nI,0.475,0.34,0.105,0.4535,0.203,0.08,0.1465,9\nI,0.485,0.385,0.13, 0.568,0.2505,0.178,0.154,7\nI,0.485,0.36,0.12,0.5155,0.2465,0.1025,0.147,8\nI, 0.485,0.37,0.115,0.457,0.1885,0.0965,0.15,9\nI,0.495,0.38,0.135,0.5095,0.2065, 0.1165,0.165,8\nI,0.495,0.38,0.145,0.5,0.205,0.148,0.1505,8\nI,0.495,0.375,0.1 4,0.494,0.181,0.0975,0.191,8\nI,0.5,0.38,0.11,0.5605,0.28,0.106,0.15,9\nI,0.50 5,0.405,0.13,0.599,0.2245,0.1175,0.225,11\nI,0.505,0.4,0.145,0.7045,0.334,0.14 25,0.207,8\nf,0.51,0.4,0.12,0.7005,0.347,0.1105,0.195,10\nI,0.515,0.415,0.135, 0.7125,0.285,0.152,0.245,10\nI,0.515,0.42,0.15,0.6725,0.2555,0.1335,0.235,10\n M, 0.515, 0.385, 0.11, 0.5785, 0.253, 0.16, 0.14, 8\nI, 0.52, 0.41, 0.11, 0.5185, 0.2165, 0. 0915,0.184,8\nI,0.52,0.415,0.14,0.6375,0.308,0.1335,0.168,9\nI,0.52,0.395,0.12 5,0.5805,0.2445,0.146,0.165,9\nI,0.52,0.38,0.115,0.6645,0.3285,0.17,0.1425,7\n

 $I, 0.52, 0.385, 0.115, 0.581, 0.2555, 0.156, 0.143, 10 \setminus nI, 0.525, 0.415, 0.12, 0.596, 0.280$ 5,0.12,0.1695,9\nI,0.525,0.405,0.145,0.6965,0.3045,0.1535,0.21,8\nI,0.525,0.4,  $0.145, 0.6095, 0.248, 0.159, 0.175, 9\\ \texttt{NI}, 0.53, 0.43, 0.14, 0.677, 0.298, 0.0965, 0.23, 8\\ \texttt{NI}, 0.677, 0.298, 0.23, 8\\ \texttt{NI}, 0.298, 0.298, 0.23, 8\\ \texttt{NI}, 0.298, 0$ I,0.53,0.43,0.16,0.7245,0.321,0.1275,0.24,9\nI,0.53,0.395,0.13,0.575,0.247,0.1 15,0.183,9\nI,0.53,0.405,0.12,0.632,0.2715,0.148,0.1875,9\nI,0.535,0.455,0.14,  $1.0015, 0.53, 0.1765, 0.244, 9 \\ \text{nf}, 0.54, 0.425, 0.16, 0.9455, 0.3675, 0.2005, 0.295, 9 \\ \text{nI}, 0.54, 0.16, 0.9455, 0.3675, 0.2005, 0.295, 9 \\ \text{nI}, 0.54, 0.16, 0.9455, 0.3675, 0.3675, 0.2005, 0.295, 9 \\ \text{nI}, 0.54, 0.16, 0.9455, 0.3675, 0.3675, 0.2005, 0.295, 9 \\ \text{nI}, 0.54, 0.3675,$  $0.54, 0.395, 0.135, 0.6555, 0.2705, 0.155, 0.192, 9 \\ \texttt{nI}, 0.54, 0.39, 0.125, 0.6255, 0.2525, 0.25$ 0.158,0.19,8\nI,0.545,0.425,0.14,0.8145,0.305,0.231,0.244,10\nI,0.545,0.43,0.1  $4,0.687,0.2615,0.1405,0.25,9 \ni,0.55,0.435,0.14,0.7995,0.295,0.1905,0.238,10 \ni$  $I, 0.55, 0.45, 0.13, 0.804, 0.3375, 0.1405, 0.23, 6 \nM, 0.555, 0.435, 0.14, 0.7495, 0.341,$  $0.1645, 0.214, 8 \times 0.555, 0.41, 0.125, 0.599, 0.2345, 0.1465, 0.194, 8 \times 0.555, 0.4, 0.000$ 13,0.7075,0.332,0.1585,0.18,7\nI,0.555,0.45,0.175,0.738,0.304,0.1755,0.22,9\n  $M, 0.555, 0.455, 0.135, 0.837, 0.382, 0.171, 0.235, 9 \ nI, 0.56, 0.445, 0.165, 0.832, 0.345$ 5,0.179,0.279,9\nF,0.565,0.445,0.125,0.8305,0.3135,0.1785,0.23,11\nM,0.565,0.4  $15, 0.125, 0.667, 0.302, 0.1545, 0.185, 7 \nM, 0.565, 0.455, 0.155, 0.9355, 0.421, 0.183, 0.$ 26,11\nI,0.565,0.435,0.145,0.8445,0.3975,0.158,0.255,9\nM,0.565,0.45,0.16,0.89  $5,0.415,0.195,0.246,9 \\ nI,0.565,0.46,0.155,0.8715,0.3755,0.215,0.25,10 \\ nM,0.57,$  $0.46, 0.155, 1.0005, 0.454, 0.205, 0.265, 11 \nM, 0.57, 0.455, 0.155, 0.832, 0.3585, 0.174,$  $0.277,11\nM,0.57,0.44,0.175,0.9415,0.3805,0.2285,0.283,9\nM,0.57,0.415,0.13,0.$ 88,0.4275,0.1955,0.238,13\nF,0.57,0.44,0.12,0.803,0.382,0.1525,0.234,9\nM,0.57  $5,0.45,0.13,0.785,0.318,0.193,0.2265,9 \nM,0.575,0.45,0.155,0.9765,0.495,0.214$ 5,0.235,9\nM,0.575,0.435,0.135,0.992,0.432,0.2225,0.239,10\nM,0.575,0.455,0.15  $5,1.013,0.4685,0.2085,0.295,11\nM,0.575,0.445,0.145,0.876,0.3795,0.1615,0.27,1$  $0\nF$ , 0.575, 0.465, 0.175, 1.099, 0.4735, 0.202, 0.35,  $9\nI$ , 0.575, 0.45, 0.135, 0.8715, 45,0.162,0.225,10\nI,0.575,0.45,0.135,0.8245,0.3375,0.2115,0.239,11\nF,0.575,  $0.43, 0.155, 0.7955, 0.3485, 0.1925, 0.22, 9 \nM, 0.575, 0.475, 0.145, 0.857, 0.3665, 0.17$ 3,0.269,9\nF,0.58,0.45,0.195,0.8265,0.4035,0.173,0.225,9\nF,0.58,0.5,0.165,0.9 25,0.37,0.185,0.3005,10 \nm, 0.58,0.44,0.15,1.0465,0.518,0.2185,0.2795,10 \nI, 0.58,0.44,0.15,1.0465,0.518,0.2185,0.2795,10 \nI, 0.58,0.44,0.15,1.0465,0.518,0.2185,0.2795,10 $8, 0.44, 0.145, 0.7905, 0.3525, 0.1645, 0.242, 10 \nM, 0.58, 0.44, 0.16, 0.8295, 0.3365, 0.248, 0.148, 0.149, 0.$  $005, 0.2485, 9 \\ \text{nM}, 0.595, 0.455, 0.15, 0.886, 0.4315, 0.201, 0.223, \\ 10 \\ \text{nF}, 0.6, 0.47, 0.13, 0.223, 0.23, 0$  $5,0.97,0.4655,0.1955,0.264,11\nM,0.6,0.46,0.17,1.1805,0.456,0.337,0.329,11\nM,0.6,0.46,0.17,1.1805,0.456,0.337,0.329,11\nM,0.6,0.46,0.17,1.1805,0.456,0.337,0.329,11\nM,0.6,0.46,0.17,1.1805,0.456,0.337,0.329,11\nM,0.6,0.46,0.17,1.1805,0.456,0.337,0.329,11\nM,0.6,0.46,0.17,1.1805,0.456,0.337,0.329,11\nM,0.6,0.46,0.17,1.1805,0.456,0.337,0.329,11\nM,0.6,0.46,0.17,1.1805,0.456,0.337,0.329,11\nM,0.6,0.46,0.17,1.1805,0.456,0.337,0.329,11\nM,0.6,0.46,0.17,1.1805,0.456,0.337,0.329,11\nM,0.6,0.46,0.17,0.1805,0.456,0.337,0.329,11\nM,0.6,0.46,0.17,0.1805,0.456,0.337,0.329,11\nM,0.6,0.46,0.17,0.1805,0.456,0.337,0.329,11\nM,0.6,0.46,0.17,0.1805,0.456,0.337,0.329,11\nM,0.6,0.46,0.17,0.1805,0.456,0.337,0.329,0.32$  $0.6, 0.475, 0.15, 0.99, 0.386, 0.2195, 0.3105, 10 \nf, 0.6, 0.465, 0.16, 1.133, 0.466, 0.288$ 5,0.298,11\nI,0.605,0.49,0.165,1.071,0.482,0.1935,0.352,10\nF,0.605,0.455,0.14  $5,0.862,0.334,0.1985,0.3,9 \times 0.605,0.47,0.18,1.1155,0.479,0.2565,0.321,10 \times 0.605,0.862,0.334,0.1985,0.3,9 \times 0.605,0.47,0.18,1.1155,0.479,0.2565,0.321,10 \times 0.605,0.862,0.334,0.1985,0.3,9 \times 0.605,0.47,0.18,1.1155,0.479,0.2565,0.321,10 \times 0.605,0.479,0.18,1.1155,0.479,0.2565,0.321,10 \times 0.605,0.479,0.18,1.1155,0.18,1.1155,0.18,1.1155,0.18,1.1155,0.18,1.1155,0.18,1.1155,0.18,1.1155,0.18,1.1155,0.18,1.1155,0.18,1.1155,0.18,1.1155,0.18,1.1155,0.18,1.1155,0.18,1.1155,0.18,1.1155,0.18,1.1155,0.115$ 0.61,0.48,0.14,1.031,0.4375,0.2615,0.27,8\nF,0.61,0.46,0.145,1.1185,0.478,0.29 45,0.2985,10\nf,0.61,0.46,0.155,0.957,0.4255,0.1975,0.265,8\nf,0.61,0.47,0.16  $5,1.1785,0.566,0.2785,0.294,11\nM,0.615,0.47,0.145,1.0285,0.4435,0.2825,0.285,$ 11\nM,0.615,0.47,0.15,1.0875,0.4975,0.283,0.2685,9\nF,0.615,0.495,0.16,1.255,  $0.5815, 0.3195, 0.3225, 12\nM, 0.615, 0.495, 0.2, 1.219, 0.564, 0.227, 0.3885, 10\nM, 0.615, 0.495, 0.205, 0.$  $2,0.49,0.16,1.035,0.44,0.2525,0.285,11\nM,0.62,0.49,0.15,1.195,0.4605,0.302,0.$ 355,9\nF,0.62,0.495,0.17,1.062,0.372,0.213,0.34,11\nM,0.62,0.495,0.195,1.5145,  $0.579, 0.346, 0.5195, 15\nM, 0.62, 0.47, 0.15, 1.309, 0.587, 0.4405, 0.325, 9\nM, 0.62, 0.47, 0.15, 0.425,$ 85, 0.155, 1.0295, 0.425, 0.2315, 0.335, 12 nm, 0.625, 0.495, 0.155, 1.0485, 0.487, 0.212, $0.3215,11\nM,0.625,0.515,0.17,1.331,0.5725,0.3005,0.361,9\nM,0.625,0.505,0.18$  $5,1.1565,0.52,0.2405,0.3535,10\nF,0.625,0.445,0.16,1.09,0.46,0.2965,0.304,11\n$ F, 0.625, 0.52, 0.18, 1.354, 0.4845, 0.351, 0.375, 11\nF, 0.625, 0.47, 0.145, 0.984, 0.475,  $0.2, 0.265, 11\nM, 0.63, 0.49, 0.155, 1.2525, 0.63, 0.246, 0.289, 9\nF, 0.635, 0.485, 0.16$ 5,1.2695,0.5635,0.3065,0.3395,11\nF,0.635,0.52,0.165,1.3405,0.5065,0.296,0.41 2,11\nF,0.635,0.505,0.155,1.2895,0.594,0.314,0.345,11\nM,0.635,0.525,0.16,1.19 5,0.5435,0.246,0.335,12\nM,0.635,0.5,0.165,1.273,0.6535,0.213,0.365,12\nM,0.63 5,0.515,0.165,1.229,0.5055,0.2975,0.3535,10\nM,0.64,0.53,0.165,1.1895,0.4765,  $0.3, 0.35, 11 \\ nF, 0.64, 0.48, 0.145, 1.1145, 0.508, 0.24, 0.34, 10 \\ nF, 0.64, 0.515, 0.165,$  $1.3115, 0.4945, 0.2555, 0.41, 10 \ nI, 0.64, 0.49, 0.135, 1.1, 0.488, 0.2505, 0.2925, 10 \ nM$ 0.64,0.49,0.155,1.1285,0.477,0.269,0.34,9\nF,0.64,0.485,0.185,1.4195,0.6735,0.  $3465, 0.3255, 11 \\ nF, 0.645, 0.51, 0.18, 1.6195, 0.7815, 0.322, 0.4675, 12 \\ nM, 0.645, 0.49,$  $0.175, 1.32, 0.6525, 0.2375, 0.3385, 11 \nF, 0.645, 0.52, 0.21, 1.5535, 0.616, 0.3655, 0.47$ 4,16\nI,0.65,0.52,0.15,1.238,0.5495,0.296,0.3305,10\nF,0.65,0.51,0.155,1.189,  $0.483, 0.278, 0.3645, 13 \\ nf, 0.65, 0.51, 0.185, 1.375, 0.531, 0.384, 0.3985, 10 \\ nf, 0.655, 0.551, 0.185, 0.565, 0.555, 0.555, 0.555, 0.555, 0.555, 0.555, 0.555, 0.555, 0.555, 0.555, 0.555, 0.555, 0.5$  $0.515, 0.18, 1.412, 0.6195, 0.2485, 0.497, 11 \nF, 0.655, 0.525, 0.175, 1.348, 0.5855, 0.26$  $05, 0.394, 10 \nM, 0.655, 0.52, 0.17, 1.1445, 0.53, 0.223, 0.348, 9 \nF, 0.66, 0.535, 0.205,$  $1.4415, 0.5925, 0.2775, 0.49, 10 \nM, 0.66, 0.51, 0.175, 1.218, 0.5055, 0.303, 0.37, 11 \nF, 0.66, 0.51, 0.175, 1.218, 0.5055, 0.303, 0.37, 11 \nF, 0.5055, 0.305$  $0.665, 0.5, 0.15, 1.2475, 0.4625, 0.2955, 0.3595, 10 \nM, 0.665, 0.515, 0.2, 1.2695, 0.511$  $5,0.2675,0.436,12\nM,0.665,0.525,0.18,1.429,0.6715,0.29,0.4,12\nF,0.67,0.53,0.$ 205,1.4015,0.643,0.2465,0.416,12\nM,0.675,0.515,0.15,1.312,0.556,0.2845,0.411  $5,11\nF,0.675,0.51,0.185,1.473,0.6295,0.3025,0.4245,11\nM,0.68,0.54,0.19,1.62$  $3,0.7165,0.354,0.4715,12\nM,0.68,0.54,0.155,1.534,0.671,0.379,0.384,10\nM,0.68$ 5,0.535,0.155,1.3845,0.6615,0.2145,0.4075,10\nM,0.69,0.55,0.18,1.6915,0.6655,  $0.402, 0.5, 11\\ nm, 0.695, 0.545, 0.185, 1.5715, 0.6645, 0.3835, 0.4505, 13\\ nf, 0.7, 0.575, 0.6645, 0.3835, 0.4505, 0.3855, 0.4505, 0.3855, 0.3855, 0.3855, 0.3855, 0.3855, 0.3855, 0.3855, 0.3855, 0.4505, 0.38555, 0.3855, 0.3855, 0.3855, 0.3855, 0.3855, 0.3855, 0.3855, 0.3855, 0.3855, 0.3855, 0.3855, 0.$  $0.205, 1.773, 0.605, 0.447, 0.538, 13 \nM, 0.7, 0.55, 0.175, 1.4405, 0.6565, 0.2985, 0.375,$ 

12\nM,0.7,0.55,0.195,1.6245,0.675,0.347,0.535,13\nF,0.705,0.535,0.22,1.866,0.9  $29,0.3835,0.4395,10 \\ \text{nf},0.72,0.575,0.18,1.6705,0.732,0.3605,0.501,} \\ 12 \\ \text{nM},0.72,0.72,0.732,} \\ 12 \\ \text{nM},0.72,0.732,} \\ 12 \\ \text{nM},0.72,0.732,} \\ 13 \\ \text{nM},0.72,0.732,} \\ 14 \\ \text{nM},0.72,0.732,} \\ 15 \\ \text{nM},0.72$  $565, 0.19, 2.081, 1.0815, 0.4305, 0.503, 11 \\ nF, 0.725, 0.57, 0.205, 1.6195, 0.744, 0.315, 0.105,$  $0.488,11\\ \\ 11\\ \\ 1,0.75,0.55,0.195,1.8325,0.83,0.366,0.44,11\\ \\ 1,0.76,0.605,0.215,2.17,0.488,11\\ \\ 1,0.76,0.605,0.215,2.17,0.215$  $3, 0.801, 0.4915, 0.646, 13 \\ 13, 0.135, 0.13, 0.04, 0.029, 0.0125, 0.0065, 0.008, 4 \\ 11, 0.125, 0.0125, 0.0065, 0.008, 0.0125, 0.0$  $6, 0.11, 0.025, 0.0195, 0.0075, 0.005, 0.006, 4 \\ \mathsf{NI}, 0.21, 0.15, 0.055, 0.0465, 0.017, 0.011,$ 2,0.015,5\nI,0.28,0.21,0.075,0.1195,0.053,0.0265,0.03,6\nI,0.28,0.2,0.065,0.08 95,0.036,0.0185,0.03,7\nI,0.285,0.215,0.06,0.0935,0.031,0.023,0.03,6\nI,0.29, 0.21,0.07,0.1115,0.048,0.0205,0.03,5\nI,0.29,0.21,0.06,0.1195,0.056,0.0235,0.0  $3,6\nI,0.29,0.21,0.065,0.097,0.0375,0.022,0.03,6\nI,0.32,0.24,0.07,0.133,0.058$ 5,0.0255,0.041,6\nI,0.325,0.25,0.07,0.1745,0.0875,0.0355,0.04,7\nI,0.335,0.25,  $0.08, 0.1695, 0.0695, 0.044, 0.0495, 6 \ nI, 0.35, 0.235, 0.08, 0.17, 0.0725, 0.0465, 0.049$ 5,7\nI,0.35,0.25,0.07,0.1605,0.0715,0.0335,0.046,6\nI,0.355,0.27,0.105,0.271, 0.1425, 0.0525, 0.0735, 9 nI, 0.36, 0.27, 0.085, 0.2185, 0.1065, 0.038, 0.062, 6 nI, 0.36, 0.062, 0 $0.27, 0.085, 0.196, 0.0905, 0.034, 0.053, 7 \ nI, 0.375, 0.28, 0.08, 0.226, 0.105, 0.047, 0.08$ 65,6\nI,0.375,0.275,0.085,0.22,0.109,0.05,0.0605,7\nI,0.395,0.29,0.095,0.3,0.1 58,0.068,0.078,7\nI,0.405,0.25,0.09,0.2875,0.128,0.063,0.0805,7\nI,0.415,0.32 5,0.11,0.316,0.1385,0.0795,0.0925,8\nI,0.425,0.315,0.095,0.3675,0.1865,0.0675, 0.0985,7\nI,0.43,0.32,0.11,0.3675,0.1675,0.102,0.105,8\nI,0.435,0.325,0.12,0.3 46,0.159,0.084,0.095,7\nM,0.45,0.33,0.105,0.4955,0.2575,0.082,0.129,8\nI,0.46,  $0.35, 0.11, 0.4675, 0.2125, 0.099, 0.1375, 7 \nM, 0.47, 0.365, 0.135, 0.522, 0.2395, 0.152$ 5,0.145,10\nI,0.47,0.375,0.105,0.441,0.167,0.0865,0.145,10\nI,0.475,0.365,0.1 2,0.5185,0.268,0.1095,0.1365,8\nM,0.505,0.39,0.12,0.653,0.3315,0.1385,0.167,9 \nm, 0.505, 0.395, 0.135, 0.5915, 0.288, 0.1315, 0.185, 12\nm, 0.505, 0.385, 0.115, 0.482 5,0.21,0.1035,0.1535,10\nI,0.51,0.455,0.135,0.6855,0.2875,0.154,0.2035,9\nM,0.  $515, 0.4, 0.14, 0.6335, 0.288, 0.145, 0.168, 9 \nM, 0.525, 0.41, 0.13, 0.6875, 0.3435, 0.149$  $5,0.1765,9\nF,0.53,0.43,0.15,0.741,0.325,0.1855,0.196,9\nF,0.53,0.405,0.13,0.6$ 355,0.2635,0.1565,0.185,9\nM,0.545,0.44,0.14,0.8395,0.356,0.1905,0.2385,11\nF,  $0.55, 0.47, 0.15, 0.9205, 0.381, 0.2435, 0.2675, 10 \\ \mathsf{nf}, 0.56, 0.41, 0.16, 0.8215, 0.342, 0.34$  $184, 0.253, 9 \\ \text{nm}, 0.565, 0.445, 0.145, 0.9255, 0.4345, 0.212, 0.2475, 9 \\ \text{nF}, 0.57, 0.435, 0.212, 0.2475, 9 \\ \text{nF}, 0.57, 0.2475, 9 \\ \text{nF}, 0.2475, 9 \\ \text$  $15, 0.8295, 0.3875, 0.156, 0.245, 10 \\ \mathsf{nM}, 0.58, 0.46, 0.16, 1.063, 0.513, 0.2705, 0.2625, 9$ \nM, 0.59, 0.465, 0.165, 1.115, 0.5165, 0.273, 0.275, 10\nF, 0.6, 0.45, 0.14, 0.837, 0.37,  $0.177, 0.2425, 10 \\ 10, 0.605, 0.445, 0.14, 0.982, 0.4295, 0.2085, 0.295, 12 \\ 12, 0.49,$  $0.16, 1.112, 0.465, 0.228, 0.341, 10 \nf, 0.625, 0.515, 0.18, 1.3485, 0.5255, 0.252, 0.392$ 5,14\nM,0.66,0.515,0.195,1.5655,0.7345,0.353,0.386,9\nI,0.255,0.19,0.06,0.086,  $0.04, 0.0185, 0.025, 5 \ln I, 0.27, 0.195, 0.065, 0.1065, 0.0475, 0.0225, 0.0285, 5 \ln I, 0.28, 0.04, 0.0185, 0.025, 0.0285, 0.$ 0.215,0.08,0.132,0.072,0.022,0.033,5\nI,0.285,0.215,0.07,0.1075,0.051,0.0225,  $0.027,6 \ln 1,0.32,0.255,0.085,0.1745,0.072,0.033,0.057,8 \ln 1,0.325,0.24,0.07,0.15$ 2,0.0565,0.0305,0.054,8\nI,0.385,0.28,0.1,0.2755,0.1305,0.061,0.0725,8\nI,0.39 5,0.295,0.1,0.293,0.14,0.062,0.082,7\nF,0.4,0.305,0.16,0.368,0.173,0.0705,0.10 5,7\nI,0.405,0.31,0.09,0.312,0.138,0.06,0.087,8\nI,0.415,0.305,0.12,0.336,0.16 5,0.076,0.0805,7\nI,0.42,0.315,0.115,0.355,0.1895,0.065,0.087,6\nI,0.44,0.305, 0.115, 0.379, 0.162, 0.091, 0.11, 9 nI, 0.445, 0.32, 0.12, 0.378, 0.152, 0.0825, 0.12, 8 nI, 0.445, 0.32, 0.12, 0.378, 0.152, 0.0825, 0.12, 8M, 0.45, 0.35, 0.13, 0.4655, 0.2075, 0.1045, 0.135, 8\nF, 0.455, 0.355, 1.13, 0.594, 0.332,  $0.116, 0.1335, 8 \times 0.46, 0.345, 0.12, 0.4935, 0.2435, 0.1175, 0.132, 8 \times 0.46, 0.345, 0.1175, 0.132, 0.1175, 0.1755, 0.1175, 0.1175, 0.1175, 0.1175, 0.1175, 0.1175, 0.1175, 0.11$  $0.11, 0.4595, 0.235, 0.0885, 0.116, 7 \nM, 0.465, 0.36, 0.11, 0.4955, 0.2665, 0.085, 0.121,$ 7\nI,0.465,0.355,0.09,0.4325,0.2005,0.074,0.1275,9\nF,0.475,0.38,0.14,0.689,0. 3165,0.1315,0.1955,7\nI,0.48,0.35,0.135,0.5465,0.2735,0.0995,0.158,8\nM,0.485, 0.39, 0.135, 0.617, 0.25, 0.1345, 0.1635, 839,8\nM,0.5,0.39,0.135,0.7815,0.361,0.1575,0.2385,9\nF,0.5,0.38,0.14,0.6355,0. 277,0.143,0.1785,8\nM,0.505,0.385,0.13,0.6435,0.3135,0.149,0.1515,7\nM,0.525,  $0.385, 0.1, 0.5115, 0.246, 0.1005, 0.1455, 8 \nM, 0.535, 0.42, 0.125, 0.738, 0.355, 0.1895,$ 0.1795, 8 nf, 0.535, 0.42, 0.13, 0.699, 0.3125, 0.1565, 0.2035, 8 nf, 0.54, 0.385, 0.14, 0.7655,0.3265,0.116,0.2365,10\nF,0.54,0.42,0.13,0.7505,0.368,0.1675,0.1845,9\nF,  $0.545, 0.43, 0.16, 0.844, 0.3945, 0.1855, 0.231, 9 \ nm, 0.55, 0.41, 0.13, 0.8705, 0.4455, 0.$ 2115,0.213,9\nI,0.55,0.42,0.115,0.668,0.2925,0.137,0.209,11\nF,0.565,0.44,0.13 5,0.83,0.393,0.1735,0.238,9\nM,0.58,0.45,0.12,0.8685,0.418,0.1475,0.2605,8\nF,  $0.58, 0.435, 0.15, 0.839, 0.3485, 0.207, 0.192, 7 \ nF, 0.585, 0.485, 0.15, 1.079, 0.4145, 0.$ 2115,0.356,11\nM,0.595,0.465,0.15,0.919,0.4335,0.1765,0.262,9\nF,0.6,0.47,0.1 9,1.1345,0.492,0.2595,0.3375,10\nF,0.61,0.43,0.14,0.909,0.438,0.2,0.22,8\nM,0.  $61, 0.48, 0.165, 1.2435, 0.5575, 0.2675, 0.372, 8 \ nF, 0.62, 0.49, 0.16, 1.056, 0.493, 0.24$ 4,0.2725,9 \nm, 0.645,0.495,0.15,1.2095,0.603,0.2225,0.339,9 \nm, 0.65,0.5,0.14,1.238,0.6165,0.2355,0.32,8\nf,0.665,0.525,0.21,1.644,0.818,0.3395,0.4275,10\nM, 0.685,0.55,0.2,1.7725,0.813,0.387,0.49,11\nF,0.69,0.54,0.195,1.2525,0.73,0.397  $5,0.462,12\nf,0.705,0.57,0.185,1.761,0.747,0.3725,0.488,10\nf,0.71,0.5,0.15,1.$  $3165, 0.6835, 0.2815, 0.28, 10 \nM, 0.72, 0.585, 0.22, 1.914, 0.9155, 0.448, 0.479, 11 \nF,$  $0.72, 0.575, 0.215, 2.1, 0.8565, 0.4825, 0.602, 12 \\ 12 \\ 17, 0.73, 0.555, 0.18, 1.6895, 0.6555, 0.18, 1.6895, 0.6555, 0.18, 1.6895, 0.6555, 0.18, 1.6895, 0.6555, 0.18, 1.6895, 0.6555, 0.18, 1.6895, 0.69$  $0.1965, 0.4935, 10 \\ 10, 0.775, 0.57, 0.22, 2.032, 0.735, 0.4755, 0.6585, 17 \\ 17, 0.505, 0.305, 0.305, 0.4055, 0.40$ 9,0.115,0.66,0.3045,0.1555,0.175,8\nM,0.53,0.425,0.13,0.7455,0.2995,0.1355,0.2

 $45,10\nF,0.505,0.385,0.115,0.616,0.243,0.1075,0.21,11\nI,0.405,0.305,0.09,0.28$ 25,0.114,0.0575,0.095,7\nM,0.415,0.3,0.1,0.3355,0.1545,0.0685,0.095,7\nM,0.5,  $0.39, 0.145, 0.651, 0.273, 0.132, 0.22, 11 \\ 11 \\ 10.425, 0.33, 0.08, 0.361, 0.134, 0.0825, 0.125,$ 25,7\nM,0.47,0.35,0.1,0.4775,0.1885,0.0885,0.175,8\nF,0.4,0.31,0.115,0.3465,0. 1475,0.0695,0.115,10\nI,0.37,0.29,0.1,0.25,0.1025,0.0505,0.085,10\nM,0.5,0.38,  $0.155, 0.66, 0.2655, 0.1365, 0.215, 19 \\ \mathsf{NI}, 0.41, 0.31, 0.11, 0.315, 0.124, 0.082, 0.095, 9$ \nM,0.375,0.29,0.1,0.276,0.1175,0.0565,0.085,9\nF,0.49,0.385,0.125,0.5395,0.21  $75, 0.128, 0.165, 11 \\ 11 \\ 10M, 0.585, 0.48, 0.185, 1.04, 0.434, 0.265, 0.285, 10 \\ 10M, 0.595, 0.45, 0.185, 0.$ 5,0.155,1.041,0.416,0.2105,0.365,14\nF,0.675,0.55,0.18,1.6885,0.562,0.3705,0. 6,15\nM,0.665,0.535,0.225,2.1835,0.7535,0.391,0.885,27\nM,0.62,0.49,0.17,1.210 5,0.5185,0.2555,0.335,13\nI,0.325,0.25,0.055,0.166,0.076,0.051,0.045,5\nI,0.45 5,0.355,0.08,0.452,0.2165,0.0995,0.125,9\nM,0.525,0.405,0.13,0.7185,0.3265,0.1 975,0.175,8\nI,0.385,0.29,0.09,0.232,0.0855,0.0495,0.08,7\nI,0.13,0.095,0.035,  $0.0105, 0.005, 0.0065, 0.0035, 4 \ln 1, 0.18, 0.13, 0.045, 0.0275, 0.0125, 0.01, 0.009, 3 \ln 1, 0.18, 0.18, 0.18, 0.18, 0.18, 0.0275, 0.0125, 0.014, 0.009, 3 \ln 1, 0.18,$  $0.31, 0.225, 0.05, 0.1445, 0.0675, 0.0385, 0.045, 6 \ nF, 0.375, 0.29, 0.08, 0.282, 0.1405,$ 0.0725,0.08,7\nF,0.48,0.38,0.12,0.608,0.2705,0.1405,0.185,8\nI,0.455,0.37,0.12 5,0.433,0.201,0.1265,0.145,9 nM, 0.425,0.325,0.1,0.3295,0.1365,0.0725,0.11,7 n I,0.475,0.36,0.11,0.4555,0.177,0.0965,0.145,9\nF,0.435,0.35,0.12,0.4585,0.192,  $0.1, 0.13, 11 \\ nF, 0.29, 0.21, 0.075, 0.275, 0.113, 0.0675, 0.035, 6 \\ nM, 0.385, 0.295, 0.09$ 5,0.335,0.147,0.094,0.09,7\nM,0.47,0.375,0.115,0.4265,0.1685,0.0755,0.15,8\nF, 0.5,0.4,0.125,0.5765,0.2395,0.126,0.185,10\nI,0.4,0.31,0.1,0.127,0.106,0.071,  $0.085, 7 \\ \\ \text{nM}, 0.62, 0.51, 0.175, 1.1505, 0.4375, 0.2265, 0.4, 12 \\ \\ \text{nM}, 0.595, 0.47, 0.15, 0.89$  $15,0.359,0.2105,0.245,12\nM,0.585,0.455,0.14,0.97,0.462,0.185,0.295,9\nM,0.32,$ 0.24,0.08,0.18,0.08,0.0385,0.055,6\nF,0.52,0.41,0.125,0.6985,0.2945,0.1625,0.2  $15,10\nM,0.44,0.35,0.11,0.4585,0.2,0.0885,0.13,9\nF,0.44,0.33,0.115,0.4005,0.1$ 43,0.113,0.12,8\nM,0.565,0.425,0.1,0.7145,0.3055,0.166,0.18,12\nF,0.56,0.425,  $0.125, 0.932, 0.361, 0.213, 0.335, 9 \\ \mathsf{nF}, 0.59, 0.455, 0.175, 0.966, 0.391, 0.2455, 0.31, 100, 0.125,$ \nF,0.57,0.465,0.18,0.9995,0.405,0.277,0.295,16\nM,0.68,0.53,0.205,1.496,0.582 5,0.337,0.465,14\nf,0.45,0.36,0.125,0.5065,0.222,0.105,0.16,10\nI,0.32,0.24,0.  $075, 0.1735, 0.076, 0.0355, 0.05, 7 \\ \texttt{nI}, 0.46, 0.35, 0.11, 0.3945, 0.1685, 0.0865, 0.125, 9$ 1575,0.083,0.135,9\nF,0.415,0.325,0.115,0.3455,0.1405,0.0765,0.11,9\nM,0.465,  $0.35, 0.12, 0.5205, 0.2015, 0.1625, 0.185, 11 \\ nM, 0.46, 0.375, 0.135, 0.4935, 0.186, 0.084$ 5,0.17,12\nM,0.415,0.31,0.09,0.3245,0.1305,0.0735,0.115,8\nM,0.27,0.195,0.07,  $0.106, 0.0465, 0.018, 0.036, 7 \\ nM, 0.445, 0.355, 0.11, 0.4415, 0.1805, 0.1035, 0.1505, 10$ \nf,0.745,0.585,0.19,1.966,0.8435,0.437,0.5855,18\nf,0.4,0.3,0.115,0.3025,0.13 35,0.0465,0.0935,8\nI,0.28,0.2,0.075,0.1225,0.0545,0.0115,0.035,5\nM,0.55,0.4 4,0.135,0.879,0.368,0.2095,0.265,10\nM,0.58,0.46,0.165,1.2275,0.473,0.1965,0.4  $35,16 \times 0.61,0.5,0.165,1.2715,0.4915,0.185,0.49,12 \times 0.62,0.495,0.175,1.806,$  $0.643, 0.3285, 0.725, 17 \nM, 0.56, 0.42, 0.195, 0.8085, 0.3025, 0.1795, 0.285, 14 \nF, 0.6$ 4,0.51,0.2,1.3905,0.61,0.3315,0.41,12\nM,0.69,0.55,0.2,1.8465,0.732,0.472,0.5  $7,19\nF,0.715,0.565,0.24,2.1995,0.7245,0.465,0.885,17\nF,0.71,0.565,0.195,1.81$  $7,0.785,0.492,0.49,11\nf,0.55,0.47,0.15,0.897,0.377,0.184,0.29,9\nM,0.375,0.30$ 5,0.09,0.3245,0.1395,0.0565,0.095,5 nF,0.61,0.45,0.16,1.136,0.414,0.311,0.3,9\nI,0.38,0.28,0.085,0.2735,0.115,0.061,0.085,6\nF,0.37,0.275,0.085,0.2405,0.10 4,0.0535,0.07,5\nM,0.335,0.235,0.085,0.1545,0.066,0.0345,0.045,6\nI,0.165,0.11 5,0.015,0.0145,0.0055,0.003,0.005,4nm,0.285,0.21,0.075,0.1185,0.055,0.0285,0.04,7\nI,0.19,0.13,0.03,0.0295,0.0155,0.015,0.01,6\nI,0.215,0.15,0.03,0.0385,0.  $0.17, 1.1845, 0.4805, 0.274, 0.355, 13 \nM, 0.575, 0.45, 0.185, 0.925, 0.342, 0.197, 0.35, 1$  $2\nF$ , 0.57, 0.45, 0.17, 1.098, 0.414, 0.187, 0.405,  $20\nF$ , 0.58, 0.45, 0.235, 1.071, 0.3, 0.69206,0.395,14\nf,0.595,0.48,0.2,0.975,0.358,0.2035,0.34,15\nf,0.595,0.47,0.25, 1.283,0.462,0.2475,0.445,14\nF,0.625,0.42,0.165,1.0595,0.358,0.165,0.445,21\n  $M, 0.535, 0.42, 0.165, 0.9195, 0.3355, 0.1985, 0.26, 16 \nM, 0.55, 0.43, 0.16, 0.9295, 0.31$ 7,0.1735,0.355,13\nM,0.495,0.4,0.155,0.8085,0.2345,0.1155,0.35,6\nI,0.32,0.23 5,0.08,0.1485,0.064,0.031,0.045,6\nM,0.445,0.34,0.12,0.4475,0.193,0.1035,0.13, 9\nF,0.52,0.4,0.125,0.6865,0.295,0.1715,0.185,9\nM,0.495,0.385,0.135,0.6335,0. 2,0.1225,0.26,14\nM,0.47,0.37,0.135,0.547,0.222,0.1325,0.17,12\nF,0.49,0.37,0. 14,0.585,0.243,0.115,0.195,10\nm,0.58,0.47,0.165,0.927,0.3215,0.1985,0.315,11 \nm, 0.645, 0.495, 0.185, 1.4935, 0.5265, 0.2785, 0.455, 15\nf, 0.575, 0.485, 0.165, 1.040 5,0.419,0.264,0.3,14\nI,0.215,0.17,0.055,0.0605,0.0205,0.014,0.02,6\nI,0.43,0. 325,0.11,0.3675,0.1355,0.0935,0.12,13\nI,0.26,0.215,0.08,0.099,0.037,0.0255,0.  $045,5 \\ 11,0.37,0.28,0.09,0.233,0.0905,0.0545,0.07,11 \\ 11,0.405,0.305,0.105,0.362$ 5,0.1565,0.0705,0.125,10\nI,0.27,0.19,0.08,0.081,0.0265,0.0195,0.03,6\nF,0.68,  $0.55, 0.2, 1.596, 0.525, 0.4075, 0.585, 21 \\ nF, 0.65, 0.515, 0.195, 1.4005, 0.5195, 0.36, 0.$  $44,13 \\ \mathsf{nF}, 0.645, 0.49, 0.215, 1.406, 0.4265, 0.2285, 0.51, 25 \\ \mathsf{nM}, 0.57, 0.405, 0.16, 0.924, 0.2285, 0.51, 0.$ 5,0.3445,0.2185,0.295,19\nM,0.615,0.48,0.19,1.36,0.5305,0.2375,0.47,18\nM,0.4  $2,0.345,0.105,0.43,0.175,0.096,0.13,7 \ nI,0.275,0.22,0.08,0.1365,0.0565,0.0285,$  $0.042,6 \\ \text{nF}, 0.29, 0.225, 0.075, 0.14, 0.0515, 0.0235, 0.04, 5 \\ \text{nM}, 0.42, 0.34, 0.115, 0.421$  5,0.175,0.093,0.135,8\nf,0.625,0.525,0.215,1.5765,0.5115,0.2595,0.665,16\nf,0. 55,0.465,0.18,1.2125,0.3245,0.205,0.525,27\nM,0.66,0.505,0.2,1.6305,0.4865,0.2 97,0.61,18\nM,0.565,0.47,0.195,1.142,0.387,0.258,0.35,17\nF,0.595,0.495,0.235,  $1.366, 0.5065, 0.219, 0.52, 13 \\ 13, 0.63, 0.51, 0.23, 1.539, 0.5635, 0.2815, 0.57, 17 \\ 17, 0.63, 0.51, 0.23, 1.539, 0.5635, 0.2815, 0.57, 17 \\ 17, 0.63, 0.51, 0.23, 1.539, 0.5635, 0.2815, 0.57, 17 \\ 17, 0.63, 0.51, 0.23, 1.539, 0.5635, 0.2815, 0.57, 17 \\ 17, 0.63, 0.51, 0.23, 1.539, 0.5635, 0.2815, 0.57, 17 \\ 18, 0.54,$  $43, 0.325, 0.12, 0.445, 0.165, 0.0995, 0.155, 8 \\ \text{nf}, 0.455, 0.35, 0.14, 0.5725, 0.1965, 0.13$  $0.764, 0.276, 0.196, 0.25, 13 \\ n\text{M}, 0.495, 0.39, 0.15, 0.853, 0.3285, 0.189, 0.27, 14 \\ n\text{F}, 0.485, 0.385,$ 85,0.375,0.145,0.5885,0.2385,0.1155,0.19,13\nF,0.535,0.46,0.145,0.7875,0.3395,  $0.2005, 0.2, 8 \times 0.58, 0.465, 0.175, 1.035, 0.401, 0.1865, 0.385, 17 \times 0.625, 0.525,$ 195,1.352,0.4505,0.2445,0.53,13\nf,0.555,0.455,0.18,0.958,0.296,0.195,0.39,14 \nF,0.55,0.425,0.145,0.797,0.297,0.15,0.265,9\nM,0.59,0.475,0.155,0.857,0.356,  $0.174, 0.28, 13 \ln 1, 0.355, 0.28, 0.11, 0.2235, 0.0815, 0.0525, 0.08, 7 \ln 1, 0.275, 0.2, 0.07$ 5,0.086,0.0305,0.019,0.03,7\nF,0.505,0.39,0.175,0.692,0.267,0.15,0.215,12\nM,  $0.37, 0.28, 0.095, 0.2225, 0.0805, 0.051, 0.075, 7 \nM, 0.555, 0.43, 0.165, 0.7575, 0.2735,$  $0.1635, 0.275, 13 \nf, 0.505, 0.4, 0.165, 0.729, 0.2675, 0.155, 0.25, 9 \nf, 0.56, 0.445, 0.1$  $8,0.903,0.3575,0.2045,0.295,9 \times 0.595,0.475,0.17,1.0965,0.419,0.229,0.35,17 \times 0.903,0.3575,0.2045,0.295,9 \times 0.903,0.3575,0.2045,0.295,9 \times 0.903,0.3575,0.2045,0.295,9 \times 0.903,0.3575,0.2045,0.295,9 \times 0.903,0.3575,0.475,0.17,1.0965,0.419,0.229,0.35,17 \times 0.903,0.3575,0.2045,0.295,0.475,0.475,0.17,1.0965,0.419,0.229,0.35,17 \times 0.903,0.2045,$ F, 0.57, 0.45, 0.165, 0.903, 0.3305, 0.1845, 0.295, 14\nM, 0.6, 0.48, 0.175, 1.229, 0.4125, 0.2735,0.415,13\nf,0.56,0.435,0.185,1.106,0.422,0.2435,0.33,15\nM,0.585,0.465, 0.19,1.171,0.3905,0.2355,0.4,17\nI,0.46,0.335,0.11,0.444,0.225,0.0745,0.11,8\n  $F, 0.46, 0.36, 0.115, 0.4755, 0.2105, 0.105, 0.16, 8 \\ nM, 0.415, 0.315, 0.125, 0.388, 0.068, 0.125, 0.315, 0.125, 0.315, 0.125, 0.315, 0.125, 0.315, 0.125, 0.315, 0.125, 0.315, 0.125, 0.315, 0.125, 0.315, 0.125, 0.315, 0.125, 0.315, 0.125, 0.315, 0.125, 0.315, 0.125, 0.315, 0.125, 0.315, 0.125, 0.31$  $0.09, 0.125, 12 \ln F, 0.435, 0.32, 0.12, 0.3785, 0.152, 0.0915, 0.125, 11 \ln F, 0.475, 0.38, 0.$ 135,0.486,0.1735,0.07,0.185,7\nM,0.465,0.36,0.13,0.5265,0.2105,0.1185,0.165,10 \nI,0.355,0.28,0.1,0.2275,0.0935,0.0455,0.085,11\nM,0.46,0.375,0.14,0.5105,0.1 92,0.1045,0.205,9\nf,0.38,0.325,0.11,0.3105,0.12,0.074,0.105,10\nf,0.47,0.365,  $0.12, 0.543, 0.2295, 0.1495, 0.15, 9 \\ nM, 0.36, 0.27, 0.09, 0.2225, 0.083, 0.053, 0.075, 6 \\ nM, 0.36, 0.27, 0.09, 0.2225, 0.083, 0.053, 0.075, 6 \\ nM, 0.36, 0.27, 0.09, 0.2225, 0.083, 0.053, 0.075, 6 \\ nM, 0.36, 0.27, 0.09, 0.2225, 0.083, 0.053, 0.075, 6 \\ nM, 0.36, 0.27, 0.09, 0.2225, 0.083, 0.053, 0.075, 6 \\ nM, 0.36, 0.27, 0.09, 0.2225, 0.083, 0.053, 0.075, 6 \\ nM, 0.36, 0.27, 0.09, 0.2225, 0.083, 0.053, 0.075, 6 \\ nM, 0.36, 0.27, 0.09, 0.2225, 0.083, 0.053, 0.075, 6 \\ nM, 0.36, 0.27, 0.09, 0.2225, 0.083, 0.053, 0.075, 6 \\ nM, 0.36, 0.27, 0.09, 0.2225, 0.083, 0.075, 0.0$  $F, 0.585, 0.455, 0.165, 0.998, 0.345, 0.2495, 0.315, 12 \nM, 0.655, 0.59, 0.2, 1.5455, 0.65$ 4,0.3765,0.415,11\nM,0.6,0.485,0.175,1.2675,0.4995,0.2815,0.38,13\nF,0.57,0.4  $6, 0.17, 1.1, 0.4125, 0.2205, 0.38, 14 \\ \text{nf}, 0.645, 0.5, 0.2, 1.4285, 0.639, 0.305, 0.36, 11 \\ \text{nf}, 0.645,$  $\texttt{M}, \texttt{0.65}, \texttt{0.495}, \texttt{0.18}, \texttt{1.793}, \texttt{0.8005}, \texttt{0.339}, \texttt{0.53}, \texttt{14} \\ \texttt{nM}, \texttt{0.51}, \texttt{0.395}, \texttt{0.145}, \texttt{0.6185}, \texttt{0.216}, \texttt{0.100}, \texttt{0.1$  $0.1385, 0.24, 12 \\ 12 \\ 10.52, 0.38, 0.135, 0.5825, 0.2505, 0.1565, 0.175, \\ 8 \\ 10M, 0.495, 0.415$  $0.165, 0.7485, 0.264, 0.134, 0.285, 13 \\ \mathsf{NM}, 0.43, 0.335, 0.115, 0.406, 0.166, 0.0935, 0.13$ 5,8\nf,0.59,0.465,0.16,1.1005,0.506,0.2525,0.295,13\nM,0.55,0.46,0.175,0.869,  $0.3155, 0.1825, 0.32, 10 \\ \\ nM, 0.585, 0.43, 0.16, 0.955, 0.3625, 0.176, 0.27, 11 \\ \\ nF, 0.58, 0.1$ 455,0.16,0.9215,0.312,0.196,0.3,17\nF,0.62,0.51,0.15,1.456,0.581,0.2875,0.32,1  $3\nI, 0.59, 0.45, 0.16, 0.893, 0.2745, 0.2185, 0.345, 14\nF, 0.72, 0.575, 0.215, 2.226, 0.885, 0.345, 0.3$ 955,0.405,0.62,13\nf,0.635,0.51,0.175,1.2125,0.5735,0.261,0.36,14\nf,0.61,0.4  $8, 0.175, 1.0675, 0.391, 0.216, 0.42, 15 \\ nF, 0.545, 0.445, 0.175, 0.8525, 0.3465, 0.189, 0.$ 295,13\nM,0.57,0.45,0.16,0.8615,0.3725,0.2175,0.255,12\nF,0.6,0.475,0.18,1.16 2,0.511,0.2675,0.32,18\nF,0.52,0.41,0.17,0.8705,0.3735,0.219,0.25,14\nM,0.635, 0.51,0.21,1.598,0.6535,0.2835,0.58,15\nF,0.67,0.52,0.15,1.406,0.519,0.348,0.3 7,13\nM,0.695,0.57,0.2,2.033,0.751,0.4255,0.685,15\nM,0.655,0.525,0.185,1.259,  $0.487, 0.2215, 0.445, 20 \\ \text{nf}, 0.62, 0.48, 0.23, 1.0935, 0.403, 0.245, 0.355, 14 \\ \text{nf}, 0.6, 0.48, 0.23, 1.0935, 0.403, 0.245, 0.355, 14 \\ \text{nf}, 0.6, 0.48, 0.23, 1.0935, 0.403, 0.245, 0.355, 14 \\ \text{nf}, 0.6, 0.48, 0.23, 1.0935, 0.403, 0.245, 0.355, 14 \\ \text{nf}, 0.6, 0.48, 0.23, 1.0935, 0.403, 0.245, 0.355, 14 \\ \text{nf}, 0.6, 0.48, 0.23, 1.0935, 0.403, 0.245, 0.355, 14 \\ \text{nf}, 0.6, 0.48, 0.23, 1.0935, 0.403, 0.245, 0.355, 0.403, 0.245, 0.355, 0.403, 0.245, 0.355, 0.403, 0.245, 0.355, 0.403, 0.245, 0.355, 0.403, 0.245, 0.355, 0.403, 0.245, 0.355, 0.403, 0.245, 0.355, 0.403, 0.245, 0.355, 0.403, 0.245, 0.355, 0.403, 0.245, 0.355, 0.403, 0.245, 0.355, 0.403, 0.245, 0.355, 0.403, 0.245, 0.355, 0.403, 0.245, 0.355, 0.403, 0.245, 0.355, 0.403, 0.245, 0.355, 0.403, 0.245, 0.355, 0.403, 0.245$ 75,0.18,1.1805,0.4345,0.2475,0.425,19\nM,0.51,0.405,0.13,0.7175,0.3725,0.158,  $0.17,9 \times 0.525,0.405,0.135,0.7575,0.3305,0.216,0.195,10 \times 0.44,0.375,0.13,0.$ 487,0.226,0.0965,0.155,9\nI,0.485,0.415,0.14,0.5705,0.25,0.134,0.185,8\nF,0.49 5,0.385,0.13,0.6905,0.3125,0.179,0.175,10\nI,0.435,0.345,0.12,0.4475,0.221,0.1  $12,0.125,7 \\ nI,0.405,0.315,0.105,0.347,0.1605,0.0785,0.1,9 \\ nI,0.42,0.33,0.1,0.3$ 52,0.1635,0.089,0.1,9\nF,0.5,0.395,0.15,0.7145,0.3235,0.173,0.195,9\nF,0.385,  $0.305, 0.105, 0.3315, 0.1365, 0.0745, 0.1, 7 \nI, 0.33, 0.265, 0.09, 0.18, 0.068, 0.036, 0.0$ 6,6\nf,0.58,0.475,0.155,0.974,0.4305,0.23,0.285,10\nI,0.325,0.27,0.1,0.185,0.0  $8,0.0435,0.065,6 \nm,0.475,0.375,0.12,0.563,0.2525,0.1205,0.185,10 \nf,0.38,0.3,$ 0.09,0.3215,0.1545,0.075,0.095,9\nI,0.34,0.26,0.09,0.179,0.076,0.0525,0.055,6 \nM,0.525,0.425,0.12,0.702,0.3335,0.1465,0.22,12\nF,0.52,0.415,0.145,0.8045,0. 3325,0.1725,0.285,10\nF,0.535,0.45,0.135,0.8075,0.322,0.181,0.25,13\nM,0.475, 0.36,0.12,0.578,0.2825,0.12,0.17,8\nI,0.415,0.325,0.1,0.385,0.167,0.08,0.125,7 \nI,0.495,0.385,0.125,0.585,0.2755,0.1235,0.165,8\nF,0.48,0.405,0.13,0.6375,0. 277,0.1445,0.21,10\nF,0.52,0.425,0.15,0.813,0.385,0.2015,0.23,10\nM,0.46,0.37 5,0.13,0.5735,0.2505,0.119,0.195,9\nF,0.58,0.455,0.12,0.94,0.399,0.257,0.265,1 1\nM,0.59,0.49,0.135,1.008,0.422,0.2245,0.285,11\nF,0.55,0.415,0.135,0.775,0.3  $02,0.179,0.26,23\nf,0.65,0.5,0.165,1.1445,0.485,0.218,0.365,12\nf,0.465,0.375,$ 0.135, 0.6, 0.2225, 0.129, 0.23, 16 $M, 0.47, 0.375, 0.13, 0.5795, 0.2145, 0.164, 0.195, 13 \nF, 0.435, 0.35, 0.11, 0.384, 0.143,$ 0.1005,0.125,13\nM,0.35,0.265,0.11,0.2965,0.1365,0.063,0.085,7\nI,0.315,0.24,  $0.07, 0.137, 0.0545, 0.0315, 0.04, 8 \ nM, 0.595, 0.47, 0.145, 0.991, 0.4035, 0.1505, 0.34, 1$  $6\nF$ , 0.58, 0.475, 0.135, 0.925, 0.391, 0.165, 0.275,  $14\nM$ , 0.575, 0.435, 0.15, 0.805, 0.275, 0.15, 093,0.1625,0.27,17\nM,0.535,0.435,0.155,0.8915,0.3415,0.177,0.25,13\nM,0.515,0. 42,0.14,0.769,0.2505,0.154,0.29,13\nF,0.505,0.385,0.135,0.6185,0.251,0.1175,0. 2,12\nF,0.505,0.395,0.145,0.6515,0.2695,0.153,0.205,15\nI,0.4,0.31,0.1,0.2875,  $0.1145, 0.0635, 0.095, 10 \nM, 0.49, 0.395, 0.135, 0.5545, 0.213, 0.0925, 0.215, 14 \nM, 0.58$ 

 $3,0.435,0.135,0.7365,0.3275,0.1315,0.22,12 \setminus 11,0.395,0.325,0.105,0.306,0.111,0.$ 0735,0.095,8\nf,0.665,0.535,0.19,1.496,0.5775,0.2815,0.475,17\nf,0.415,0.305,  $0.105, 0.3605, 0.12, 0.082, 0.1, 10 \\ \mathsf{nM}, 0.43, 0.345, 0.115, 0.3045, 0.0925, 0.055, 0.12, 11$ 0.3345,0.209,0.24,15\nI,0.48,0.39,0.145,0.5825,0.2315,0.121,0.255,15\nI,0.42,  $0.345, 0.115, 0.3435, 0.1515, 0.0795, 0.115, 9 \\ \mathsf{nM}, 0.59, 0.46, 0.155, 0.906, 0.327, 0.148$ 5,0.335,15\nF,0.515,0.42,0.135,0.6295,0.2815,0.127,0.215,9\nM,0.695,0.55,0.22,  $1.5515, 0.566, 0.3835, 0.445, 13 \\ \mathsf{nf}, 0.8, 0.63, 0.195, 2.526, 0.933, 0.59, 0.62, 23 \\ \mathsf{nM}, 0.66, 0.3835, 0.445, 13 \\ \mathsf{nf}, 0.8, 0.63, 0.195, 2.526, 0.933, 0.59, 0.62, 23 \\ \mathsf{nf}, 0.66, 0.3835, 0.445, 13 \\ \mathsf{nf}, 0.8, 0.63, 0.195, 2.526, 0.933, 0.59, 0.62, 23 \\ \mathsf{nf}, 0.66, 0.3835, 0.445, 13 \\ \mathsf{nf}, 0.8, 0.63, 0.195, 2.526, 0.933, 0.59, 0.62, 23 \\ \mathsf{nf}, 0.66, 0.933, 0.59, 0.62, 0.933, 0.59, 0.933, 0.59, 0.62, 0.933, 0.59, 0.62, 0.933, 0.59, 0.933, 0.59, 0.933, 0.59, 0.933, 0.59, 0.933, 0.59, 0.933, 0.59, 0.933, 0.59, 0.933, 0.59, 0.933, 0.59, 0.933, 0.59, 0.933, 0.59, 0.933, 0$ 1,0.49,0.15,1.103,0.425,0.2025,0.36,23\nF,0.565,0.48,0.175,0.957,0.3885,0.215,  $0.275,18\nM,0.56,0.455,0.165,0.86,0.4015,0.1695,0.245,11\nM,0.655,0.485,0.195,$  $1.62, 0.6275, 0.358, 0.485, 17 \\ nM, 0.64, 0.52, 0.2, 1.407, 0.566, 0.304, 0.455, 17 \\ nF, 0.5$ 9,0.47,0.17,0.9,0.355,0.1905,0.25,11\nI,0.31,0.24,0.09,0.1455,0.0605,0.0315,0. 045,7\nI,0.255,0.185,0.07,0.075,0.028,0.018,0.025,6\nI,0.17,0.125,0.055,0.023 5,0.009,0.0055,0.008,6\nM,0.67,0.55,0.17,1.247,0.472,0.2455,0.4,21\nF,0.71,0.5 65,0.195,1.7265,0.638,0.3365,0.565,17\nf,0.56,0.43,0.125,0.8025,0.313,0.1715,  $0.263,13\nM,0.505,0.4,0.13,0.764,0.3035,0.189,0.2175,11\nM,0.525,0.43,0.165,0.$ 8645,0.376,0.1945,0.2515,16\nF,0.45,0.36,0.105,0.4715,0.2035,0.0935,0.149,9\n  $F, 0.515, 0.435, 0.17, 0.631, 0.2765, 0.111, 0.216, 12 \\ nM, 0.59, 0.475, 0.16, 0.9455, 0.381$ 5,0.184,0.27,19\nM,0.7,0.53,0.19,1.3185,0.548,0.233,0.42,18\nF,0.72,0.56,0.17 5,1.7265,0.637,0.3415,0.525,17\nM,0.635,0.495,0.15,1.081,0.4825,0.242,0.31,11 \nm, 0.555, 0.44, 0.135, 0.9025, 0.3805, 0.2105, 0.28, 13\nm, 0.575, 0.47, 0.15, 1.1415, 0.  $4515, 0.204, 0.4, 13\\ \\ 13\\ \\ 10.585, 0.455, 0.125, 1.027, 0.391, 0.212, 0.25, 17\\ \\ 17\\ \\ 10.48$  $5, 0.21, 1.3445, 0.535, 0.2205, 0.515, 20 \\ \mathsf{nF}, 0.645, 0.525, 0.2, 1.449, 0.601, 0.2565, 0.50$ 5,13\nF,0.545,0.44,0.175,0.7745,0.2985,0.1875,0.265,11\nM,0.55,0.45,0.155,0.78 95,0.343,0.159,0.25,12\nf,0.66,0.525,0.205,1.3665,0.5005,0.291,0.41,18\nM,0.5 7,0.475,0.195,1.0295,0.4635,0.1905,0.305,18\nF,0.6,0.47,0.2,1.031,0.392,0.203 5,0.29,15\nF,0.63,0.505,0.165,1.065,0.4595,0.216,0.315,12\nM,0.695,0.57,0.23,  $1.885, 0.8665, 0.435, 0.5, 19 \nM, 0.65, 0.545, 0.16, 1.2425, 0.487, 0.296, 0.48, 15 \nF, 0.7$ 2,0.595,0.225,1.969,0.8045,0.423,0.66,16\nI,0.56,0.44,0.17,0.9445,0.3545,0.217  $5, 0.3, 12 \\ 12, 0.42, 0.325, 0.115, 0.354, 0.1625, 0.064, 0.105, 8 \\ 10, 0.125, 0.05, 0.064, 0.105, 0.10$  $23, 0.0085, 0.0055, 0.01, 3 \\ \mathsf{nf}, 0.405, 0.325, 0.11, 0.3575, 0.145, 0.0725, 0.11, 12 \\ \mathsf{nf}, 0.0085, 0.$ 5,0.405,0.15,0.5965,0.253,0.126,0.185,12\nI,0.435,0.335,0.11,0.383,0.1555,0.06 75,0.135,12\nM,0.34,0.275,0.09,0.2065,0.0725,0.043,0.07,10\nF,0.43,0.34,0.11, 0.382, 0.154, 0.0955, 0.109, 8\nI,0.415,0.325,0.115,0.3285,0.1405,0.051,0.106,12\nF,0.36,0.265,0.09,0.2165,  $0.096, 0.037, 0.0735, 10 \\ nm, 0.175, 0.135, 0.04, 0.0305, 0.011, 0.0075, 0.01, 5 \\ nm, 0.155, 0.04, 0.0305, 0.011, 0.0075, 0.01, 5 \\ nm, 0.155, 0.04, 0.0305, 0.011, 0.0075, 0.01, 5 \\ nm, 0.155, 0.04, 0.0305, 0.011, 0.0075, 0.01, 5 \\ nm, 0.155, 0.04, 0.0305, 0.011, 0.0075, 0.01, 5 \\ nm, 0.155, 0.04, 0.0305, 0.011, 0.0075, 0.01, 5 \\ nm, 0.155, 0.04, 0.0305, 0.011, 0.0075, 0.01, 5 \\ nm, 0.015, 0.01$ 0.115,0.025,0.024,0.009,0.005,0.0075,5\nI,0.525,0.43,0.15,0.7365,0.3225,0.161,  $0.215,11\nF,0.525,0.39,0.135,0.6005,0.2265,0.131,0.21,16\nF,0.44,0.345,0.105,$  $0.4285, 0.165, 0.083, 0.132, 11 \nf, 0.45, 0.345, 0.115, 0.496, 0.1905, 0.117, 0.14, 12 \nf,$  $0.485, 0.365, 0.14, 0.6195, 0.2595, 0.1445, 0.177, 14 \ni, 0.47, 0.35, 0.135, 0.567, 0.231$ 5,0.1465,0.1525,11\nI,0.515,0.375,0.14,0.6505,0.2495,0.141,0.2215,10\nM,0.42,  $0.34, 0.125, 0.4495, 0.165, 0.1125, 0.144, 11 \nF, 0.455, 0.35, 0.125, 0.4485, 0.1585, 0.10$  $2,0.1335,16 \times 0.37,0.29,0.09,0.241,0.11,0.045,0.069,10 \times 0.33,0.25,0.09,0.19$ 7,0.085,0.041,0.0605,10\nI,0.3,0.22,0.09,0.1425,0.057,0.0335,0.043,7\nI,0.625,  $0.46, 0.16, 1.2395, 0.55, 0.273, 0.38, 14 \setminus 11, 0.61, 0.475, 0.17, 1.0385, 0.4435, 0.241, 0.3$ 2,14\nI,0.625,0.465,0.155,0.972,0.404,0.1845,0.35,14\nI,0.635,0.505,0.19,1.331 5,0.5805,0.252,0.435,17 1,0.5,0.385,0.155,0.762,0.3795,0.161,0.19,14 1,0.53,0.5805,0.252,0.435,17 $0.43, 0.17, 0.775, 0.35, 0.152, 0.235, 17 \setminus 11, 0.445, 0.33, 0.1, 0.437, 0.163, 0.0755, 0.17,$ 13\nF,0.585,0.415,0.155,0.6985,0.3,0.146,0.195,12\nI,0.44,0.355,0.165,0.435,0. 159,0.105,0.14,16\nM,0.29,0.225,0.08,0.1295,0.0535,0.026,0.045,10\nI,0.555,0.4 55,0.17,0.8435,0.309,0.1905,0.3,15\nI,0.655,0.515,0.145,1.25,0.5265,0.283,0.31 5,15\nF,0.58,0.46,0.185,1.017,0.3515,0.2,0.32,10\nI,0.625,0.43,0.175,1.411,0.5 72,0.297,0.395,12\nI,0.62,0.485,0.17,1.208,0.4805,0.3045,0.33,15\nF,0.64,0.5, 0.15,1.0705,0.371,0.2705,0.36,8\nf,0.505,0.375,0.115,0.5895,0.2635,0.12,0.167, 10\nI,0.5,0.395,0.12,0.537,0.2165,0.1085,0.1785,9\nM,0.31,0.245,0.095,0.15,0.0 525,0.034,0.048,7\nf,0.505,0.38,0.145,0.651,0.2935,0.19,0.17,12\nI,0.42,0.305,  $0.11, 0.28, 0.094, 0.0785, 0.0955, 9 \ nM, 0.4, 0.315, 0.105, 0.287, 0.1135, 0.037, 0.113, 10$ \nm, 0.425, 0.315, 0.125, 0.3525, 0.1135, 0.0565, 0.13, 18\nm, 0.31, 0.235, 0.06, 0.12, 0.0 415,0.033,0.04,11\nf,0.465,0.35,0.13,0.494,0.1945,0.103,0.155,18\nf,0.465,0.3 6,0.12,0.4765,0.192,0.1125,0.16,10\nM,0.35,0.255,0.085,0.2145,0.1,0.0465,0.06, 13\nI,0.52,0.415,0.16,0.595,0.2105,0.142,0.26,15\nF,0.475,0.365,0.13,0.4805,0. 1905,0.114,0.1475,12\nF,0.41,0.315,0.11,0.321,0.1255,0.0655,0.095,10\nM,0.26, 0.2,0.065,0.096,0.044,0.027,0.03,6\nI,0.575,0.45,0.17,0.9315,0.358,0.2145,0.2 6,13\nI,0.565,0.435,0.155,0.782,0.2715,0.168,0.285,14\nM,0.26,0.19,0.075,0.094 5,0.0445,0.02,0.03,6\nF,0.53,0.385,0.125,0.6695,0.289,0.151,0.18,10\nM,0.34,0. 255,0.095,0.213,0.081,0.034,0.07,9\nI,0.52,0.38,0.14,0.525,0.1775,0.115,0.185, 11\nF,0.635,0.5,0.18,1.312,0.529,0.2485,0.485,18\nF,0.61,0.485,0.165,1.087,0.4 255,0.232,0.38,11\nf,0.66,0.515,0.18,1.523,0.54,0.3365,0.555,16\nI,0.635,0.5,  $0.18, 1.319, 0.5485, 0.292, 0.49, 16 \ nF, 0.465, 0.38, 0.135, 0.579, 0.208, 0.1095, 0.22, 14$ 

\nM,0.515,0.4,0.16,0.8175,0.2515,0.156,0.3,23\nI,0.335,0.24,0.095,0.17,0.062,  $0.039, 0.055, 9 \\ \text{nf}, 0.515, 0.4, 0.17, 0.796, 0.258, 0.1755, 0.28, 16 \\ \text{nf}, 0.345, 0.255, 0.1, 0.10$  $0.197, 0.071, 0.051, 0.06, 9 \\ \\ n\text{M}, 0.465, 0.355, 0.125, 0.5255, 0.2025, 0.135, 0.145, 13 \\ \\ n\text{M}, 0.465, 0.355, 0.125, 0.5255, 0.2025, 0.135, 0.145, 13 \\ \\ n\text{M}, 0.465, 0.355, 0.125, 0.5255, 0.2025, 0.135, 0.145, 13 \\ \\ n\text{M}, 0.465, 0.355, 0.125, 0.5255, 0.2025, 0.135, 0.145, 13 \\ \\ n\text{M}, 0.465, 0.355, 0.125, 0.5255, 0.2025, 0.135, 0.145, 13 \\ \\ n\text{M}, 0.465, 0.355, 0.125, 0.125, 0.2025, 0.2025, 0.135, 0.14$  $0.54, 0.415, 0.17, 0.879, 0.339, 0.208, 0.255, 10 \\ \mathsf{nM}, 0.475, 0.355, 0.125, 0.4625, 0.186, 0.1$  $0.107, 0.145, 9 \\ \text{nf}, 0.445, 0.335, 0.14, 0.4565, 0.1785, 0.114, 0.14, 11 \\ \text{nm}, 0.5, 0.355, 0.114, 0.14,$ 0.55,0.435,0.17,0.884,0.2875,0.1645,0.28,14\nI,0.275,0.205,0.08,0.096,0.036,0. 0185,0.03,6\nF,0.35,0.265,0.09,0.1855,0.0745,0.0415,0.06,7\nF,0.37,0.285,0.10 5,0.27,0.1125,0.0585,0.0835,9\nF,0.42,0.33,0.125,0.463,0.186,0.11,0.145,10\nM,  $0.35, 0.26, 0.09, 0.198, 0.0725, 0.056, 0.06, 10 \nM, 0.395, 0.305, 0.105, 0.282, 0.0975, 0.$ 065,0.096,9\nI,0.325,0.2,0.08,0.0995,0.0395,0.0225,0.032,8\nI,0.275,0.2,0.065, 0.092,0.0385,0.0235,0.027,5\nI,0.235,0.17,0.065,0.0625,0.023,0.014,0.022,6\nI, 0.25, 0.18, 0.06, 0.073, 0.028, 0.017, 0.0225, 5 nI, 0.25, 0.185, 0.065, 0.071, 0.027, 0.0185,0.0225,5\nI,0.2,0.145,0.05,0.036,0.0125,0.008,0.011,4\nF,0.585,0.47,0.17,1. 099,0.3975,0.2325,0.358,20\nM,0.445,0.35,0.14,0.5905,0.2025,0.158,0.19,14\nF,  $0.5, 0.385, 0.13, 0.768, 0.2625, 0.095, 0.27, 13 \nM, 0.44, 0.325, 0.08, 0.413, 0.144, 0.101$ 5,0.13,8\nM,0.515,0.405,0.14,0.8505,0.312,0.146,0.315,17\nF,0.52,0.405,0.14,0. 6915,0.276,0.137,0.215,11\nM,0.5,0.39,0.13,0.709,0.275,0.168,0.18,11\nM,0.425,  $0.325, 0.12, 0.3755, 0.142, 0.1065, 0.105, 9 \\ \\ \mathsf{nM}, 0.51, 0.415, 0.14, 0.8185, 0.3025, 0.215$  $5,0.235,16\nF,0.37,0.275,0.08,0.227,0.093,0.0625,0.07,8\nM,0.54,0.415,0.13,0.8$  $245, 0.272, 0.226, 0.24, 13 \nM, 0.615, 0.475, 0.17, 1.1825, 0.474, 0.2895, 0.24, 11 \nM, 0.58$ 65,0.44,0.175,1.122,0.393,0.2,0.375,20\nM,0.645,0.515,0.175,1.6115,0.6745,0.38  $4,0.385,14\nF,0.615,0.47,0.175,1.2985,0.5135,0.343,0.32,14\nM,0.605,0.49,0.14$ 5,1.3,0.517,0.3285,0.31,14\nf,0.59,0.455,0.165,1.161,0.38,0.2455,0.28,12\nM,0. 645,0.485,0.155,1.489,0.5915,0.312,0.38,18\nM,0.57,0.42,0.155,1.008,0.377,0.19 3,0.34,13\nF,0.47,0.355,0.18,0.441,0.1525,0.1165,0.135,8\nF,0.5,0.44,0.155,0.7  $42,0.2025,0.2005,0.2115,14\nF,0.52,0.425,0.145,0.7,0.207,0.1905,0.24,13\nM,0.3$ 9,0.285,0.095,0.271,0.11,0.06,0.08,8\nM,0.52,0.4,0.165,0.8565,0.2745,0.201,0.2 5,0.1955,0.107,0.235,14\nI,0.355,0.26,0.09,0.1925,0.077,0.038,0.065,8\nF,0.49,  $0.4, 0.145, 0.6635, 0.21, 0.1295, 0.2515, 13 \\ \text{nf}, 0.63, 0.51, 0.185, 1.235, 0.5115, 0.349, 0.63,$  $0.3065,11\ndots,0.385,0.385,0.145,0.7615,0.246,0.195,0.204,14\ndots,0.49,0.39,0.135,0.$ 592,0.242,0.096,0.1835,15\nM,0.44,0.325,0.115,0.39,0.163,0.087,0.113,7\nF,0.51  $5,0.395,0.165,0.7565,0.1905,0.17,0.3205,10 \ nF,0.475,0.38,0.145,0.57,0.167,0.11$  $8,0.187,11\nI,0.42,0.31,0.1,0.2865,0.115,0.0735,0.085,8\nM,0.4,0.305,0.13,0.29$  $35,0.096,0.0675,0.105,9 \\nM,0.45,0.36,0.16,0.567,0.174,0.1245,0.225,12 \\nF,0.52,0.174,0.1245,0.225,12 \\nF,0.52,0.174,0.1245,0.225,12 \\nF,0.52,0.174,0.1245,0.225,12 \\nF,0.52,0.174,0.1245,0.225,12 \\nF,0.52,0.174,0.1245,0.225,12 \\nF,0.52,0.174,0.1245,0.225,12 \\nF,0.52,0.174,0.1245,0.225,12 \\nF,0.52,0.174,0.1245,0.225,12 \\nF,0.52,0.174,0.1245,0.225,12 \\nF,0.52,0.174,0.174,0.1245,0.225,12 \\nF,0.52,0.174,0.17$  $0.4, 0.13, 0.6245, 0.215, 0.2065, 0.17, 15 \nM, 0.505, 0.4, 0.155, 0.8415, 0.2715, 0.1775,$  $0.285,12\nM,0.495,0.4,0.14,0.7775,0.2015,0.18,0.25,15\nM,0.54,0.41,0.145,0.98$  $9,0.2815,0.213,0.355,19\nf,0.48,0.39,0.125,0.6905,0.219,0.155,0.2,12\nf,0.33,$ 0.26, 0.08, 0.2, 0.0625, 0.05, 0.07, 9 nI, 0.285, 0.21, 0.07, 0.109, 0.044, 0.0265, 0.033, 5\nI,0.3,0.23,0.075,0.127,0.052,0.03,0.0345,6\nI,0.31,0.24,0.105,0.2885,0.118, 0.065,0.083,6\nI,0.34,0.255,0.075,0.18,0.0745,0.04,0.0525,6\nI,0.375,0.3,0.07 5,0.144,0.059,0.03,0.044,7\nI,0.415,0.325,0.1,0.4665,0.2285,0.1065,0.114,7\nI,  $0.415, 0.315, 0.105, 0.33, 0.1405, 0.0705, 0.095, 6 \ nI, 0.415, 0.315, 0.09, 0.3625, 0.175,$ 0.0835,0.093,6\nI,0.42,0.32,0.1,0.34,0.1745,0.05,0.0945,8\nI,0.425,0.31,0.105,  $0.365, 0.159, 0.0825, 0.105, 6 \nM, 0.465, 0.375, 0.11, 0.5, 0.21, 0.113, 0.1505, 8 \nF, 0.46$ 5,0.35,0.135,0.6265,0.259,0.1445,0.175,8nI,0.47,0.37,0.11,0.5555,0.25,0.115, $0.163,8\nF,0.47,0.375,0.12,0.6015,0.2765,0.1455,0.135,8\nI,0.475,0.365,0.12,0.$ 53,0.2505,0.0975,0.1625,10\nM,0.48,0.37,0.135,0.6315,0.3445,0.1015,0.161,7\nM, 0.5,0.4,0.13,0.7715,0.37,0.16,0.211,8\nI,0.505,0.39,0.185,0.6125,0.267,0.142,  $0.172,7 \ln M, 0.525, 0.425, 0.19, 0.872, 0.4625, 0.1725, 0.199, 9 \ln M, 0.54, 0.42, 0.12, 0.81$  $15,0.392,0.1455,0.2235,9 \times 0.545,0.45,0.15,0.8795,0.387,0.15,0.2625,11 \times 0.545,0.392,0.387,0.15,0.2625,11 \times 0.545,0.392,0.387,0.392,0.387,0.392,0.387,0.392,0.387,0.392,0.387,0.392,0.387,0.392,0.387,0.392,0.387,0.392,0.387,0.392,0.387,0.392,0.387,0.392,0.387,0.392,0.39$ 65,0.44,0.15,0.983,0.4475,0.2355,0.2485,9\nM,0.58,0.46,0.18,1.145,0.48,0.277,  $0.325,11\nM,0.59,0.455,0.16,1.09,0.5,0.2215,0.292,9\nM,0.59,0.48,0.16,1.262,0.$ 5685,0.2725,0.335,9\nM,0.595,0.49,0.185,1.185,0.482,0.2015,0.361,10\nF,0.6,0.4 75,0.135,1.4405,0.5885,0.191,0.3175,9 \nF,0.6,0.5,0.155,1.332,0.6235,0.2835,0.3 5,8\nF,0.6,0.485,0.165,1.1405,0.587,0.2175,0.288,9\nM,0.605,0.475,0.175,1.201,  $0.5395, 0.275, 0.309, 10 \nF, 0.625, 0.49, 0.155, 1.33, 0.6675, 0.259, 0.33, 10 \nM, 0.63, 0.$ 5,0.185,1.362,0.5785,0.3125,0.384,10\nM,0.64,0.585,0.195,1.647,0.7225,0.331,0. 471,12\nF,0.64,0.5,0.18,1.4995,0.593,0.314,0.431,11\nF,0.655,0.545,0.165,1.622 5,0.6555,0.299,0.513,12\nI,0.66,0.525,0.215,1.786,0.6725,0.3615,0.4065,11\nM,  $0.66, 0.535, 0.2, 1.791, 0.733, 0.318, 0.54, 15 \ nF, 0.675, 0.555, 0.205, 1.925, 0.713, 0.35$ 8,0.4535,13\nF,0.675,0.55,0.175,1.689,0.694,0.371,0.474,13\nF,0.69,0.55,0.18,  $1.659, 0.8715, 0.2655, 0.4395, 9 \ nF, 0.695, 0.53, 0.2, 2.0475, 0.75, 0.4195, 0.6095, 14 \ n$ F,0.7,0.525,0.19,1.6015,0.707,0.365,0.43,10\nF,0.73,0.57,0.165,2.0165,1.0685,  $0.418, 0.435, 10 \n I, 0.205, 0.15, 0.065, 0.04, 0.02, 0.011, 0.013, 4 \n I, 0.225, 0.17, 0.07,$  $0.0565, 0.024, 0.013, 0.016, 4 \nI, 0.23, 0.18, 0.05, 0.064, 0.0215, 0.0135, 0.02, 5 \nI, 0.23, 0.18, 0.05, 0.064, 0.0215, 0.0135, 0.02, 0.0135, 0.02, 0.0135, 0.02, 0.0135, 0.024, 0.0135, 0.024, 0.0135, 0$ 75,0.195,0.07,0.0875,0.0345,0.022,0.0255,4\nI,0.28,0.21,0.055,0.106,0.0415,0.0 265,0.031,5\nI,0.28,0.22,0.08,0.1315,0.066,0.024,0.03,5\nI,0.295,0.22,0.07,0.1

26,0.0515,0.0275,0.035,6\nI,0.31,0.225,0.075,0.155,0.065,0.037,0.0365,6\nI,0.3 15,0.235,0.07,0.149,0.058,0.0325,0.047,7\nI,0.34,0.265,0.07,0.185,0.0625,0.039 5,0.07,7\nI,0.37,0.29,0.08,0.2545,0.108,0.0565,0.07,6\nI,0.38,0.285,0.085,0.23  $7, 0.115, 0.0405, 0.07, 6 \\ \ln 1, 0.39, 0.295, 0.1, 0.279, 0.1155, 0.059, 0.08, 7 \\ \ln 1, 0.405, 0.38, 0.39,$  $1, 0.065, 0.3205, 0.1575, 0.066, 0.088, 6 \\ \land nI, 0.415, 0.325, 0.1, 0.3335, 0.1445, 0.0715, 0.088$ 5,0.269,0.111,0.1305,6\nI,0.44,0.325,0.1,0.4165,0.185,0.0865,0.11,6\nI,0.44,0.  $355, 0.12, 0.495, 0.231, 0.11, 0.125, 7 \\ \mathsf{nI}, 0.45, 0.35, 0.125, 0.4775, 0.2235, 0.089, 0.11$ 8,6\nI,0.45,0.35,0.12,0.468,0.2005,0.1065,0.1325,8\nF,0.455,0.35,0.12,0.4555,  $0.1945, 0.1045, 0.1375, 7 \ nF, 0.46, 0.35, 0.115, 0.46, 0.2025, 0.1115, 0.1165, 6 \ nI, 0.46, 0.1165, 0.116$  $0.345, 0.12, 0.4155, 0.198, 0.0885, 0.107, 7 \ nI, 0.46, 0.345, 0.115, 0.4215, 0.1895, 0.10$ 2,0.111,6\nI,0.465,0.355,0.11,0.474,0.23,0.1005,0.12,7\nM,0.465,0.34,0.105,0.4 86,0.231,0.1035,0.1225,9\nI,0.475,0.385,0.11,0.5735,0.311,0.1025,0.136,7\nI,0. 475,0.355,0.105,0.468,0.201,0.1115,0.12,8\nM,0.48,0.37,0.1,0.5135,0.243,0.101 5,0.135,8\nM,0.5,0.375,0.145,0.6215,0.274,0.166,0.1485,7\nI,0.5,0.38,0.11,0.49 4,0.218,0.09,0.1325,7\nI,0.505,0.385,0.12,0.6005,0.239,0.142,0.185,7\nM,0.515,  $0.395, 0.12, 0.646, 0.285, 0.1365, 0.172, 9 \nM, 0.525, 0.415, 0.135, 0.7945, 0.394, 0.189,$  $0.202,7 \times 0.525,0.425,0.125,0.812,0.4035,0.1705,0.195,8 \times 0.53,0.42,0.17,0.8$ 28,0.41,0.208,0.1505,6\nM,0.53,0.41,0.14,0.681,0.3095,0.1415,0.1835,6\nF,0.53,  $0.405, 0.15, 0.889, 0.4055, 0.2275, 0.215, 8 \times 0.54, 0.435, 0.14, 0.7345, 0.33, 0.1595,$ 0.213,9\nF,0.55,0.425,0.125,0.964,0.5475,0.159,0.215,8\nF,0.555,0.425,0.14,0.9 63,0.44,0.224,0.24,7\nF,0.57,0.445,0.15,0.995,0.504,0.185,0.2505,9\nF,0.57,0.4 35,0.14,0.8585,0.3905,0.196,0.2295,8\nM,0.575,0.45,0.155,0.948,0.429,0.206,0.2 59,7\nF,0.58,0.445,0.145,0.888,0.41,0.1815,0.2425,8\nF,0.585,0.45,0.16,0.9045, 0.405,0.2215,0.2335,8\nM,0.59,0.465,0.14,1.046,0.4695,0.263,0.263,7\nF,0.595,  $0.47, 0.155, 1.1775, 0.542, 0.269, 0.31, 9 \\ \mathsf{nF}, 0.595, 0.465, 0.15, 1.0765, 0.491, 0.22, 0.265, 0.165$ 87,9\nF,0.595,0.465,0.15,1.0255,0.412,0.2745,0.289,11\nF,0.6,0.46,0.145,0.932 5,0.3985,0.2245,0.248,8\nF,0.6,0.46,0.15,1.235,0.6025,0.274,0.29,8\nM,0.6,0.4  $6, 0.15, 1.247, 0.5335, 0.2735, 0.29, 9 \\ \\ \mathsf{nM}, 0.61, 0.48, 0.15, 1.1495, 0.564, 0.274, 0.264, 8$ \nf,0.615,0.485,0.16,1.1575,0.5005,0.2495,0.315,10\nf,0.615,0.5,0.165,1.327,0.  $6, 0.3015, 0.355, 10 \\ 10, 0.615, 0.47, 0.155, 1.2, 0.5085, 0.32, 0.292, \\ 8 \\ 10, 0.62, 0.51, 0.12,$ 75,1.2705,0.5415,0.323,0.3225,9\nF,0.62,0.485,0.175,1.2155,0.545,0.253,0.345,1  $0 \\ 1.3245, 0.6865, 0.233, 0.3275, 9 \\ 1.3245, 0.6865, 0.233, 0.3275, 9 \\ 1.3255, 0.48, 0.17, 1.3555, 0.6865, 0.233, 0.3275, 9 \\ 1.3255, 0.48, 0.17, 1.3555, 0.6865, 0.233, 0.3275, 9 \\ 1.3255, 0.48, 0.17, 1.3255, 0.6865, 0.233, 0.3275, 9 \\ 1.3255, 0.48, 0.17, 1.3255, 0.6865, 0.233, 0.3275, 9 \\ 1.3255, 0.48, 0.17, 1.3255, 0.6865, 0.233, 0.3275, 9 \\ 1.3255, 0.48, 0.17, 1.3255, 0.6865, 0.233, 0.3275, 9 \\ 1.3255, 0.48, 0.17, 0.186, 0.1$ 671,0.268,0.3385,10\nf,0.625,0.49,0.165,1.127,0.477,0.2365,0.3185,9\nf,0.625,  $0.49, 0.175, 1.1075, 0.4485, 0.2165, 0.3595, 8 \ nF, 0.63, 0.495, 0.2, 1.4255, 0.659, 0.336,$  $0.38,11\nf,0.63,0.495,0.145,1.147,0.5455,0.266,0.2885,9\nM,0.63,0.48,0.165,1.2$ 86,0.604,0.271,0.35,8\nF,0.635,0.495,0.18,1.596,0.617,0.317,0.37,11\nF,0.635,  $0.495, 0.195, 1.297, 0.556, 0.2985, 0.37, 11 \nM, 0.645, 0.49, 0.16, 1.251, 0.5355, 0.3345,$  $0.3165,9\nM,0.645,0.5,0.175,1.5105,0.6735,0.3755,0.3775,12\nF,0.65,0.5,0.185,$  $1.4415, 0.741, 0.2955, 0.341, 9 \nM, 0.67, 0.52, 0.19, 1.6385, 0.8115, 0.369, 0.391, 9 \nF,$  $0.69, 0.545, 0.205, 1.933, 0.7855, 0.429, 0.498, 13 \\ 13 \\ 10, 0.69, 0.54, 0.185, 1.71, 0.7725, 0.$ 3855,0.4325,8\nF,0.695,0.55,0.155,1.8495,0.767,0.442,0.4175,10\nM,0.695,0.525,  $0.175, 1.742, 0.696, 0.389, 0.505, 12 \nF, 0.7, 0.575, 0.205, 1.7975, 0.7295, 0.3935, 0.516$ 5,13\nF,0.705,0.56,0.205,2.381,0.9915,0.5005,0.624,10\nM,0.765,0.585,0.18,2.39 8,1.128,0.512,0.5335,12nM,0.77,0.6,0.215,2.1945,1.0515,0.482,0.584,10nI,0.22,0.16,0.05,0.049,0.0215,0.01,0.015,4\nI,0.275,0.205,0.07,0.1055,0.495,0.019, 0.0315,5\nI,0.29,0.21,0.06,0.1045,0.0415,0.022,0.035,5\nI,0.33,0.24,0.075,0.16 3,0.0745,0.033,0.048,6\nI,0.355,0.285,0.095,0.2275,0.0955,0.0475,0.0715,6\nI, 0.375,0.29,0.1,0.219,0.0925,0.038,0.075,6\nI,0.415,0.315,0.1,0.3645,0.1765,0.0 795,0.095,8\nI,0.425,0.33,0.115,0.3265,0.1315,0.077,0.103,6\nI,0.425,0.34,0.1,  $0.3515, 0.1625, 0.082, 0.094, 7 \ln 1, 0.43, 0.32, 0.1, 0.3465, 0.1635, 0.08, 0.09, 7 \ln 1, 0.43, 0.3515, 0.1635, 0.08, 0.09, 0$  $4,0.34,0.1,0.407,0.209,0.0735,0.103,7 \ nI,0.44,0.335,0.115,0.4215,0.173,0.0765,$  $0.113,7 \\ nI, 0.46, 0.345, 0.11, 0.3755, 0.1525, 0.058, 0.125,7 \\ nI, 0.46, 0.37, 0.12, 0.533$ 5,0.2645,0.108,0.1345,6\nI,0.465,0.355,0.105,0.442,0.2085,0.0975,0.1185,7\nI,  $0.475, 0.365, 0.1, 0.1315, 0.2025, 0.0875, 0.123, 7 \ nI, 0.475, 0.375, 0.115, 0.5205, 0.23$ 3,0.119,0.1455,7\nI,0.485,0.375,0.13,0.5535,0.266,0.112,0.157,8\nI,0.49,0.375,  $0.125, 0.5445, 0.279, 0.115, 0.13, 8 \nM, 0.49, 0.38, 0.11, 0.554, 0.2935, 0.1005, 0.15, 8 \n$  $I, 0.495, 0.38, 0.12, 0.512, 0.233, 0.1205, 0.136, 7 \setminus nI, 0.5, 0.39, 0.125, 0.583, 0.294, 0.1$ 32,0.1605,8\nM,0.5,0.38,0.12,0.5765,0.273,0.135,0.145,9\nM,0.505,0.4,0.135,0.7 23,0.377,0.149,0.178,7\nI,0.51,0.395,0.155,0.5395,0.2465,0.1085,0.167,8\nI,0.5 1,0.385,0.15,0.625,0.3095,0.119,0.1725,8\nI,0.515,0.4,0.125,0.5925,0.265,0.117 5,0.168,9\nI,0.52,0.395,0.135,0.633,0.2985,0.1295,0.175,9\nF,0.545,0.43,0.14,  $0.832, 0.4355, 0.17, 0.201, 9 \ nM, 0.545, 0.42, 0.145, 0.778, 0.3745, 0.1545, 0.205, 7 \ nM, 0.832, 0.4355, 0.1545, 0.205, 7 \ nM, 0.832, 0.1545, 0.1545, 0.205, 7 \ nM, 0.1545,$ 0.545,0.42,0.12,0.7865,0.403,0.185,0.17,7\nF,0.545,0.4,0.14,0.778,0.368,0.215, 0.18,9\nI,0.55,0.42,0.13,0.636,0.294,0.144,0.1755,8\nF,0.55,0.44,0.135,0.8435, 0.434,0.1995,0.185,8\nI,0.555,0.425,0.13,0.648,0.2835,0.133,0.2105,8\nM,0.565,  $0.43, 0.13, 0.784, 0.3495, 0.1885, 0.213, 9 \ nF, 0.57, 0.45, 0.18, 0.908, 0.4015, 0.217, 0$ 55,9\nM,0.57,0.45,0.135,1.02,0.546,0.204,0.25,9\nF,0.57,0.43,0.16,0.811,0.387 5,0.159,0.2285,9\nF,0.575,0.48,0.15,0.897,0.4235,0.1905,0.248,8\nM,0.58,0.455,

0.13,0.852,0.41,0.1725,0.225,8\nF,0.585,0.45,0.15,0.938,0.467,0.203,0.225,7\n F, 0.585, 0.435, 0.14, 0.6955, 0.3085, 0.129, 0.2245, 8\nM, 0.59, 0.47, 0.15, 0.861, 0.413,  $0.164, 0.249, 8\\ nM, 0.59, 0.46, 0.14, 1.004, 0.496, 0.2165, 0.26, 9\\ nF, 0.59, 0.46, 0.16, 1.004, 0.496, 0.2165, 0.26, 9\\ nF, 0.59, 0.46, 0.16, 1.004, 0.496, 0.2165, 0.26, 9\\ nF, 0.59, 0.46, 0.16$  $0115, 0.445, 0.2615, 0.2565, 8 \\ \text{nf}, 0.595, 0.465, 0.15, 1.1005, 0.5415, 0.166, 0.265, 8 \\ \text{nm}, 0.115, 0.11$  $0.595, 0.47, 0.165, 1.108, 0.4915, 0.2325, 0.3345, 9 \\ \\ nM, 0.595, 0.46, 0.14, 0.852, 0.4215, \\ nM, 0.595, 0.46, 0.14, 0.852, \\ nM, 0.595, 0.46, 0.14, \\ nM, 0.46, 0.46, 0.14, \\ nM, 0.46, 0.14, \\$  $0.2255, 0.227, 9 \\ \texttt{nM}, 0.6, 0.49, 0.21, 1.9875, 1.005, 0.419, 0.491, 10 \\ \texttt{nF}, 0.605, 0.48, 0.12, 0.1$ 5,1.079,0.4505,0.2835,0.293,10\nF,0.615,0.475,0.17,1.055,0.543,0.246,0.2345,9 \nM,0.615,0.45,0.15,1.198,0.707,0.2095,0.2505,7\nF,0.615,0.47,0.155,1.084,0.58  $85,0.209,0.246,9 \times 0.615,0.475,0.175,1.103,0.4635,0.3095,0.2725,10 \times 0.62,0.$ 49,0.155,1.1,0.505,0.2475,0.31,9 nM, 0.62,0.48,0.15,1.1015,0.4965,0.243,0.305,1 $0\ndots$ , 0.625, 0.495, 0.185, 1.3835, 0.7105, 0.3005, 0.345,  $11\ndots$ , 0.625, 0.49, 0.155, 1.11 $5,0.484,0.277,0.3095,9 \times 0.625,0.48,0.145,1.085,0.4645,0.2445,0.327,10 \times 0.685,0.484,0.277,0.3095,9 \times 0.685,0.484,0.145,1.085,0.4645,0.2445,0.327,10 \times 0.685,0.484,0.145,1.085,0.484,0.2445,0.327,10 \times 0.685,0.484,0.145,1.085,0.484,0.145,0.1$  $3,0.505,0.15,1.3165,0.6325,0.2465,0.37,11 \\ nm,0.63,0.51,0.175,1.3415,0.6575,0.2$  $62,0.375,10 \times 0.63,0.465,0.15,1.027,0.537,0.188,0.176,8 \times 0.645,0.515,0.16,$  $1.1845, 0.506, 0.311, 0.335, 9 \times 0.645, 0.48, 0.15, 1.192, 0.6055, 0.2595, 0.285, 9 \times 0.6055, 0.2595, 0.285, 9 \times 0.6055, 9 \times 0.605$  $0.645, 0.52, 0.18, 1.285, 0.5775, 0.352, 0.317, 9 \ nM, 0.65, 0.515, 0.125, 1.1805, 0.5235, 0.1805, 0.515, 0.1805, 0.515, 0.1805, 0.515, 0.1805, 0.515, 0.1805, 0.515, 0.1805, 0.515, 0.1805, 0.515, 0.1805, 0.515, 0.1805, 0.515, 0.1805, 0.515, 0.1805, 0.515, 0.1805, 0.515, 0.1805, 0.515, 0.1805, 0.515, 0.1805, 0.515, 0.1805, 0.515, 0.1805, 0.515, 0.1805, 0.515, 0.1805, 0.515, 0.1805, 0.1$  $0.283, 0.3275, 9 \\ nM, 0.65, 0.52, 0.175, 1.2655, 0.615, 0.2775, 0.336, 9 \\ nF, 0.65, 0.535, 0.615, 0.2775, 0.336, 9 \\ nF, 0.65, 0.535, 0.615, 0.2775, 0.336, 9 \\ nF, 0.65, 0.535, 0.615, 0.6$ 175,1.2895,0.6095,0.2765,0.344,10\nM,0.65,0.51,0.155,1.407,0.7215,0.298,0.335, 9\nF,0.65,0.49,0.155,1.122,0.545,0.228,0.3055,9\nM,0.66,0.515,0.165,1.4465,0.6 94,0.298,0.3755,10\nF,0.665,0.505,0.165,1.349,0.5985,0.3175,0.36,9\nM,0.67,0. 5,0.2,1.269,0.576,0.2985,0.351,11\nM,0.67,0.51,0.18,1.68,0.926,0.2975,0.3935,1  $3 \ln F$ , 0.675, 0.55, 0.19, 1.551, 0.7105, 0.3685, 0.412,  $13 \ln M$ , 0.68, 0.52, 0.165, 1.4775, 0.68, 0.68, 0.52, 0.165, 0.4775, 0.68, 0.68, 0.52, 0.165, 0.4775, 0.68, 0.68, 0.68, 0.58, 0.68, 0724,0.279,0.406,11\nM,0.68,0.53,0.18,1.529,0.7635,0.3115,0.4025,11\nM,0.7,0.52 5,0.175,1.7585,0.8745,0.3615,0.47,10\nM,0.7,0.55,0.2,1.523,0.693,0.306,0.4405,  $13 \\ 13 \\ 1725, 0.53, 0.19, 1.7315, 0.83, 0.398, 0.405, 11 \\ 11 \\ 10, 0.725, 0.55, 0.2, 1.51, 0.873$ 5,0.4265,0.5085,9 \nm, 0.735,0.57,0.175,1.88,0.9095,0.387,0.488,1 \nf, 0.74,0.57 $5,0.22,2.012,0.8915,0.5265,0.471,12\nm,0.75,0.555,0.215,2.201,1.0615,0.5235,0.$  $5285,11\\ 11,0.19,0.14,0.03,0.0315,0.0125,0.005,0.0105,3\\ 11,0.21,0.15,0.045,0.0$  $4, 0.0135, 0.008, 0.0105, 4 \\ 11, 0.25, 0.175, 0.06, 0.0635, 0.0275, 0.008, 0.02, 4 \\ 11, 0.29, 0.0135, 0.0135, 0.008, 0.0105, 0.010$  $0.215, 0.065, 0.0985, 0.0425, 0.021, 0.031, 5 \\ \texttt{nI}, 0.335, 0.25, 0.08, 0.167, 0.0675, 0.032, 0.08, 0.167, 0.0675, 0.032, 0.08,$ 5,0.0575,6\nI,0.34,0.245,0.085,0.2015,0.1005,0.038,0.053,6\nI,0.345,0.255,0.09 5,0.183,0.075,0.0385,0.06,6\nI,0.355,0.255,0.08,0.187,0.078,0.0505,0.058,7\nI, 0.36,0.26,0.08,0.1795,0.074,0.0315,0.06,5\nI,0.37,0.275,0.09,0.2065,0.096,0.03 95,0.058,7\nI,0.375,0.29,0.14,0.3,0.14,0.0625,0.0825,8\nI,0.375,0.275,0.095,0. 2295,0.095,0.0545,0.066,7\nI,0.385,0.3,0.125,0.343,0.1705,0.0735,0.081,7\nI,0. 385,0.285,0.085,0.244,0.1215,0.0445,0.068,8\nI,0.395,0.32,0.1,0.3075,0.149,0.0 535,0.09,8\nI,0.4,0.305,0.1,0.3415,0.176,0.0625,0.0865,7\nI,0.405,0.305,0.1,0. 271,0.0965,0.061,0.091,7\nI,0.405,0.31,0.11,0.91,0.416,0.2075,0.0995,8\nI,0.40 5,0.305,0.1,0.268,0.1145,0.053,0.085,7\nI,0.405,0.3,0.09,0.2885,0.138,0.0635, 0.0765,6\nI,0.41,0.315,0.1,0.3,0.124,0.0575,0.1,8\nI,0.41,0.325,0.11,0.326,0.1 325,0.075,0.101,8\nI,0.415,0.335,0.1,0.358,0.169,0.067,0.105,7\nI,0.42,0.325, 0.115,0.314,0.1295,0.0635,0.1,8\nI,0.42,0.315,0.11,0.4025,0.1855,0.083,0.1015, 8\nI,0.43,0.34,0.11,0.3645,0.159,0.0855,0.105,7\nI,0.445,0.36,0.11,0.4235,0.18 2,0.0765,0.14,9\nM,0.45,0.325,0.115,0.4305,0.2235,0.0785,0.1155,8\nI,0.45,0.33 5,0.095,0.3505,0.1615,0.0625,0.1185,7\nI,0.455,0.34,0.115,0.486,0.261,0.0655,  $0.1315,8\nI,0.46,0.35,0.1,0.471,0.252,0.077,0.123,8\nI,0.46,0.345,0.105,0.415,$  $0.187, 0.087, 0.11, 8 \ln 1, 0.475, 0.355, 0.115, 0.5195, 0.279, 0.088, 0.1325, 7 \ln M, 0.48, 0.$  $375, 0.12, 0.5895, 0.2535, 0.128, 0.172, 11 \nI, 0.485, 0.38, 0.125, 0.5215, 0.2215, 0.118,$  $0.16,8\nI,0.485,0.365,0.14,0.4475,0.1895,0.0925,0.2305,8\nI,0.49,0.365,0.125,$  $0.5585, 0.252, 0.126, 0.1615, 10 \nI, 0.505, 0.385, 0.125, 0.596, 0.245, 0.097, 0.21, 9 \nI,$  $0.505, 0.38, 0.135, 0.5385, 0.2645, 0.095, 0.165, 9 \nI, 0.51, 0.385, 0.145, 0.7665, 0.398$ 5,0.14,0.1805,8\nf,0.515,0.395,0.135,0.516,0.2015,0.132,0.162,9\nM,0.515,0.41,  $0.14, 0.7355, 0.3065, 0.137, 0.2, 7 \nI, 0.515, 0.39, 0.11, 0.531, 0.2415, 0.098, 0.1615, 8$ \nI,0.525,0.385,0.13,0.607,0.2355,0.125,0.195,8\nF,0.525,0.415,0.15,0.7055,0.3  $29,0.147,0.199,10 \setminus 11,0.525,0.4,0.13,0.6445,0.345,0.1285,0.2,8 \setminus 11,0.525,0.375,$  $0.12, 0.6315, 0.3045, 0.114, 0.19, 9 \ nM, 0.535, 0.43, 0.155, 0.7845, 0.3285, 0.169, 0.245,$ 10\nF,0.545,0.44,0.15,0.9475,0.366,0.239,0.275,8\nI,0.55,0.43,0.145,0.712,0.30 25,0.152,0.225,10\nI,0.55,0.425,0.145,0.89,0.4325,0.171,0.236,10\nI,0.55,0.42, 0.155, 0.912, 0.495, 0.1805, 0.205, 9 nI, 0.55, 0.425, 0.135, 0.656, 0.257, 0.17, 0.203, 10\nI,0.55,0.465,0.15,0.936,0.481,0.174,0.2435,9\nI,0.555,0.435,0.145,0.6975,0.2 62,0.1575,0.24,11\nf,0.555,0.445,0.175,1.1465,0.551,0.244,0.2785,8\nI,0.56,0.4 4,0.14,0.825,0.402,0.139,0.245,10\nI,0.56,0.435,0.135,0.72,0.329,0.103,0.251,1  $1 \ln 1, 0.565, 0.43, 0.15, 0.8215, 0.332, 0.1685, 0.29, 11 \ln F, 0.57, 0.445, 0.155, 1.017, 0.565, 0.43, 0.155, 0.8215, 0.332, 0.1685, 0.29, 11 \ln F, 0.57, 0.445, 0.155, 1.017, 0.565, 0.43, 0.155, 0.8215, 0.332, 0.1685, 0.29, 11 \ln F, 0.57, 0.445, 0.155, 1.017, 0.565, 0.445, 0.155, 1.017, 0.565, 0.445, 0.155, 1.017, 0.565, 0.445, 0.155, 1.017, 0.565, 0.445, 0.155, 1.017, 0.565, 0.445, 0.155, 1.017, 0.565, 0.445, 0.155, 0.155, 0$ 265,0.2025,0.265,10\nF,0.575,0.435,0.155,0.8975,0.4115,0.2325,0.23,9\nM,0.58, 0.44,0.175,1.2255,0.5405,0.2705,0.3265,10\nF,0.58,0.465,0.145,0.9865,0.47,0.21 55,0.25,11\nf,0.58,0.425,0.15,0.844,0.3645,0.185,0.2705,9\nI,0.585,0.46,0.145,  $0.8465, 0.339, 0.167, 0.295, 10 \nM, 0.585, 0.465, 0.165, 0.885, 0.4025, 0.1625, 0.274, 10$ \nI,0.585,0.42,0.145,0.6735,0.2895,0.1345,0.22,9\nF,0.585,0.455,0.13,0.8755,0. 411,0.2065,0.225,8\nM,0.59,0.47,0.145,0.9235,0.4545,0.173,0.254,9\nM,0.59,0.47 5,0.14,0.977,0.4625,0.2025,0.275,10nM,0.595,0.475,0.14,1.0305,0.4925,0.217,0.278,10\nM,0.6,0.48,0.09,1.05,0.457,0.2685,0.28,8\nM,0.6,0.495,0.185,1.1145,0.5  $185, 1.285, 0.6095, 0.2745, 0.315, 9 \\ \\ nM, 0.61, 0.48, 0.185, 1.3065, 0.6895, 0.2915, 0.29, 1.2006, 0.185, 0.1$  $0\nF, 0.61, 0.45, 0.13, 0.8725, 0.389, 0.1715, 0.272, 11\nF, 0.615, 0.46, 0.15, 1.0265, 0.46, 0.15, 0.46, 0.15, 0.46, 0.15, 0.46, 0.15, 0.46, 0.16, 0.46, 0.46, 0.16, 0.46,$  $935, 0.201, 0.2745, 10 \\ \mathsf{nf}, 0.62, 0.465, 0.14, 1.1605, 0.6005, 0.2195, 0.307, 9 \\ \mathsf{nf}, 0.62, 0.62, 0.6005, 0.6005, 0.2195, 0.307, 9 \\ \mathsf{nf}, 0.62, 0.6005, 0.6$ 48,0.165,1.0125,0.5325,0.4365,0.324,10\nM,0.625,0.5,0.14,1.096,0.5445,0.2165, 5,1.221,0.555,0.252,0.34,12\nF,0.63,0.475,0.155,1.0005,0.452,0.252,0.265,10\n  $M, 0.63, 0.47, 0.15, 1.1355, 0.539, 0.2325, 0.3115, 12 \nM, 0.63, 0.525, 0.195, 1.3135, 0.49$ 35,0.2565,0.465,10\nM,0.64,0.505,0.155,1.1955,0.5565,0.211,0.346,11\nM,0.64,0.  $485, 0.15, 1.098, 0.5195, 0.222, 0.3175, 10 \\ nM, 0.64, 0.495, 0.17, 1.139, 0.5395, 0.282, 0.$ 285,10\nF,0.64,0.495,0.17,1.2265,0.49,0.377,0.2875,11\nM,0.64,0.515,0.08,1.04 2,0.515,0.1755,0.175,10 nM, 0.65,0.52,0.155,1.368,0.6185,0.288,0.365,9 nM, 0.65,0.515,0.17 $0.51, 0.175, 1.446, 0.6485, 0.2705, 0.45, 12 \ nF, 0.66, 0.505, 0.19, 1.4045, 0.6255, 0.337$ 5,0.3745,9\nF,0.66,0.525,0.2,1.463,0.6525,0.2995,0.422,11\nF,0.675,0.525,0.17,  $1.711, 0.8365, 0.352, 0.475, 9 \times 0.7, 0.54, 0.205, 1.74, 0.7885, 0.373, 0.4865, 13 \times 0.705, 0.373, 0.4865, 0.375, 0$ 705,0.54,0.205,1.757,0.8265,0.417,0.461,9\nM,0.71,0.565,0.2,1.601,0.706,0.321,  $0.45,11\nM,0.72,0.55,0.205,2.165,1.1055,0.525,0.404,10\nM,0.725,0.57,0.19,2.33$ 05,1.253,0.541,0.52,9\nI,0.24,0.17,0.05,0.0545,0.0205,0.016,0.0155,5\nI,0.255, 0.195,0.055,0.0725,0.0285,0.017,0.021,4\nI,0.275,0.2,0.055,0.0925,0.038,0.021,  $0.026,4\ni,0.32,0.235,0.09,0.183,0.098,0.0335,0.042,7\ni,0.325,0.24,0.075,0.15$ 25,0.072,0.0645,0.043,6\nI,0.33,0.225,0.075,0.187,0.0945,0.0395,0.0425,7\nI,0. 36,0.27,0.09,0.232,0.12,0.0435,0.056,8\nI,0.375,0.265,0.095,0.196,0.085,0.042, 0.0585,5\nI,0.375,0.285,0.09,0.2545,0.119,0.0595,0.0675,6\nI,0.39,0.29,0.09,0. 2625,0.117,0.054,0.077,7\nI,0.45,0.335,0.105,0.362,0.1575,0.0795,0.1095,7\nI,  $0.455, 0.35, 0.105, 0.4445, 0.213, 0.107, 0.1115, 7 \ nI, 0.46, 0.365, 0.115, 0.511, 0.2365,$ 0.118,0.123,7\nI,0.495,0.375,0.12,0.589,0.3075,0.1215,0.1405,8\nM,0.5,0.365,0.  $13, 0.5945, 0.309, 0.1085, 0.1535, 9 \\ \ln 1, 0.5, 0.375, 0.12, 0.529, 0.2235, 0.123, 0.16, 8 \\ \ln 10, 0.5945, 0.309, 0.1085, 0.1535, 9 \\ \ln 10, 0.5945, 0.309, 0.1085,$  $\texttt{M}, \texttt{0.52}, \texttt{0.4}, \texttt{0.105}, \texttt{0.872}, \texttt{0.4515}, \texttt{0.1615}, \texttt{0.1985}, \texttt{9} \\ \texttt{nI}, \texttt{0.52}, \texttt{0.395}, \texttt{0.145}, \texttt{0.77}, \texttt{0.424}, \texttt{0.105}, \texttt{0.10$  $0.142, 0.1895, 7 \\ \mathsf{nf}, 0.525, 0.43, 0.135, 0.8435, 0.4325, 0.18, 0.1815, 9 \\ \mathsf{nM}, 0.535, 0.405, 0.1815, 9 \\ \mathsf{nM}, 0.535, 0.1815, 9 \\ \mathsf{nM}, 0.$  $0.14, 0.818, 0.402, 0.1715, 0.189, 7 \ nF, 0.54, 0.42, 0.14, 0.8035, 0.38, 0.1805, 0.21, 9 \ n$ F,0.54,0.415,0.15,0.8115,0.3875,0.1875,0.2035,9\nF,0.57,0.425,0.13,0.782,0.369 5,0.1745,0.1965,8\nM,0.57,0.42,0.14,0.8745,0.416,0.165,0.25,8\nM,0.58,0.445,0. 16,0.984,0.49,0.201,0.27,9\nF,0.58,0.445,0.135,0.95,0.484,0.182,0.2325,8\nM,0. 59,0.47,0.155,1.1735,0.6245,0.233,0.2595,9\nF,0.59,0.455,0.15,0.976,0.465,0.20 55,0.2765,10\nM,0.59,0.485,0.155,1.0785,0.4535,0.2435,0.31,9\nM,0.595,0.435,0.  $16, 1.057, 0.4255, 0.224, 0.31, 9 \nM, 0.6, 0.475, 0.175, 1.11, 0.5105, 0.256, 0.285, 9 \nM,$  $0.6, 0.45, 0.16, 1.142, 0.539, 0.225, 0.307, 10 \\ nm, 0.605, 0.475, 0.19, 1.1255, 0.59, 0.24$ 7,0.26,10\nF,0.62,0.48,0.17,1.1045,0.535,0.25,0.287,10\nM,0.625,0.475,0.175,1. 3405,0.656,0.283,0.337,10\nM,0.625,0.5,0.13,1.082,0.5785,0.2045,0.25,8\nF,0.62 5,0.485,0.16,1.254,0.591,0.259,0.3485,9 nM, 0.63,0.49,0.165,1.2005,0.575,0.273, $0.294,10\nM,0.63,0.485,0.16,1.243,0.623,0.275,0.3,10\nF,0.635,0.51,0.185,1.28$  $6,0.526,0.295,0.4105,12\nf,0.645,0.49,0.16,1.1665,0.4935,0.3155,0.299,9\nf,0.645,0.4935,0.3155,0.299,9\nf,0.645,0.4935,0.3155,$ 45,0.49,0.16,1.144,0.5015,0.289,0.319,8\nF,0.65,0.525,0.19,1.385,0.8875,0.309 5,0.405,11\nf,0.655,0.515,0.155,1.309,0.524,0.346,0.385,11\nf,0.655,0.515,0.1  $7,1.527,0.8485,0.2635,0.331,11\nM,0.665,0.515,0.19,1.6385,0.831,0.3575,0.371,1$  $1\n, 0.695, 0.54, 0.195, 1.691, 0.768, 0.363, 0.4755, 11\n, 0.72, 0.565, 0.18, 1.719, 0.8$ 465,0.407,0.3875,11\nf,0.72,0.55,0.18,1.52,0.637,0.325,0.435,10\nf,0.72,0.565, 0.17, 1.613, 0.723, 0.3255, 0.4945, 12 nm, 0.735, 0.57, 0.21, 2.2355, 1.1705, 0.463, 0.5315,10\nM,0.74,0.595,0.19,2.3235,1.1495,0.5115,0.505,11\nI,0.31,0.23,0.07,0.124 5,0.0505,0.0265,0.038,6\nI,0.315,0.235,0.075,0.1285,0.051,0.028,0.0405,4\nI,0. 32,0.205,0.08,0.181,0.088,0.034,0.0495,5\nI,0.325,0.25,0.075,0.1585,0.075,0.03 05,0.0455,6\nI,0.335,0.26,0.09,0.1965,0.0875,0.041,0.056,7\nI,0.37,0.28,0.085, 0.198,0.0805,0.0455,0.058,5\nI,0.37,0.27,0.09,0.1855,0.07,0.0425,0.065,7\nI,0. 375,0.28,0.085,0.2145,0.0855,0.0485,0.072,7\nI,0.4,0.315,0.09,0.3245,0.151,0.0 73,0.088,8\nI,0.41,0.305,0.095,0.2625,0.1,0.0515,0.09,6\nI,0.425,0.34,0.1,0.37 1,0.15,0.0865,0.115,8\nI,0.435,0.335,0.095,0.298,0.109,0.058,0.115,7\nI,0.445, 0.31,0.09,0.336,0.1555,0.09,0.0855,7\nI,0.46,0.36,0.14,0.447,0.161,0.087,0.16, 9\nf,0.465,0.35,0.11,0.4085,0.165,0.102,0.131,8\nI,0.47,0.385,0.13,0.587,0.26 4,0.117,0.174,8\nI,0.475,0.375,0.11,0.494,0.211,0.109,0.1545,8\nI,0.495,0.375, 0.12,0.614,0.2855,0.1365,0.161,8\nI,0.5,0.39,0.13,0.5075,0.2115,0.104,0.1755,9 \nI,0.5,0.37,0.12,0.5445,0.249,0.1065,0.152,8\nI,0.505,0.425,0.125,0.6115,0.24 5,0.1375,0.2,9\nI,0.505,0.4,0.125,0.5605,0.2255,0.1435,0.17,8\nM,0.505,0.365, 0.115,0.521,0.25,0.096,0.15,8\nI,0.51,0.4,0.145,0.5775,0.231,0.143,0.177,9\nI, 0.51,0.4,0.125,0.5935,0.239,0.13,0.204,8\nI,0.52,0.4,0.11,0.597,0.2935,0.1155, 0.16,8\nM,0.52,0.465,0.15,0.9505,0.456,0.199,0.255,8\nI,0.53,0.38,0.125,0.616, 0.292,0.113,0.185,8\nM,0.53,0.405,0.15,0.8315,0.352,0.187,0.2525,10\nF,0.535,  $0.445, 0.125, 0.8725, 0.417, 0.199, 0.24, 8 \ni, 0.54, 0.425, 0.13, 0.8155, 0.3675, 0.1365,$ 

 $0.246,11\nI,0.54,0.415,0.11,0.619,0.2755,0.15,0.1765,10\nI,0.545,0.43,0.13,0.7$ 595,0.358,0.153,0.2055,8\nI,0.545,0.43,0.15,0.742,0.3525,0.158,0.208,10\nI,0.5 5,0.435,0.165,0.804,0.34,0.194,0.244,8\nI,0.55,0.425,0.13,0.664,0.2695,0.163,  $0.21,8\nF,0.55,0.435,0.14,0.745,0.347,0.174,0.2265,9\nI,0.56,0.43,0.13,0.728,$ 0.3355,0.1435,0.2175,8\nI,0.56,0.435,0.13,0.777,0.354,0.173,0.222,9\nF,0.575, 0.425,0.15,0.8765,0.455,0.18,0.228,8\nI,0.575,0.455,0.16,0.9895,0.495,0.195,0. 246,9\nM,0.575,0.45,0.165,0.9655,0.498,0.19,0.23,8\nM,0.58,0.465,0.15,0.9065,  $0.371, 0.1965, 0.29, 8 \\ n\text{M}, 0.58, 0.46, 0.15, 1.049, 0.5205, 0.1935, 0.305, 10 \\ n\text{F}, 0.58, 0.46, 0.16, 0.$ 5,0.17,0.9705,0.4615,0.232,0.248,9\nF,0.58,0.45,0.15,0.92,0.393,0.212,0.2895,9 \nM, 0.58, 0.445, 0.15, 0.9525, 0.4315, 0.1945, 0.287, 11\nF, 0.58, 0.44, 0.125, 0.7855, 0.  $363, 0.1955, 0.195, 11 \ln 1, 0.585, 0.45, 0.135, 0.855, 0.3795, 0.187, 0.26, 9 \ln 1, 0.59, 0.5,$  $0.15, 1.142, 0.485, 0.265, 0.345, 9 \nI, 0.59, 0.46, 0.125, 0.755, 0.334, 0.15, 0.238, 9 \nI,$  $0.59, 0.475, 0.145, 0.9745, 0.4675, 0.207, 0.259, 10 \nM, 0.595, 0.47, 0.155, 1.2015, 0.49$ 2,0.3865,0.265,10\nM,0.595,0.46,0.17,1.1295,0.57,0.2555,0.265,10\nI,0.6,0.445,  $0.135, 0.9205, 0.445, 0.2035, 0.253, 9 \\ nF, 0.6, 0.48, 0.17, 1.056, 0.4575, 0.2435, 0.3135, 0.253, 9 \\ nF, 0.6, 0.48, 0.17, 1.056, 0.4575, 0.2435, 0.3135, 0.253, 9 \\ nF, 0.6, 0.48, 0.17, 1.056, 0.4575, 0.2435, 0.3155, 0.3155, 0$ 10\nM,0.6,0.45,0.195,1.34,0.617,0.3255,0.3605,10\nF,0.6,0.45,0.15,0.9625,0.437 5,0.2225,0.2775,9\nM,0.6,0.465,0.165,1.0475,0.465,0.2345,0.315,11\nF,0.605,0.4 95,0.17,1.0915,0.4365,0.2715,0.335,13 \nM, 0.605,0.49,0.18,1.167,0.457,0.29,0.3745,9\nI,0.605,0.48,0.155,0.9995,0.425,0.1985,0.3,10\nI,0.61,0.425,0.155,1.048  $5,0.507,0.1955,0.274,11\nf,0.61,0.47,0.195,1.2735,0.469,0.3315,0.398,12\nM,0.66,0.507,0.195,0.274,11\nf,0.61,0.47,0.195,1.2735,0.469,0.3315,0.398,12\nM,0.66,0.507,0.195,0.507,0.195,0.274,11\nf,0.61,0.47,0.195,1.2735,0.469,0.3315,0.398,12\nM,0.66,0.507,0.50$ 1,0.48,0.14,1.0625,0.516,0.225,0.2915,11\nI,0.61,0.49,0.16,1.1545,0.5865,0.238 5,0.2915,11\nf,0.615,0.475,0.175,1.194,0.559,0.259,0.3165,11\nf,0.615,0.515,0.  $135, 1.1215, 0.545, 0.2305, 0.29, 9 \times 0.615, 0.455, 0.15, 0.9335, 0.382, 0.247, 0.2615, 1.455, 0.15,$ 0 nF, 0.615, 0.495, 0.165, 1.198, 0.5415, 0.2865, 0.3185, 10 nF, 0.62, 0.475, 0.15, 0.9545,0.455,0.1865,0.277,9 \nM, 0.62,0.475,0.195,1.3585,0.5935,0.3365,0.3745,10 \nM,  $0.625, 0.495, 0.175, 1.2075, 0.531, 0.281, 0.3525, 11 \nM, 0.625, 0.515, 0.165, 1.217, 0.66$ 7,0.2065,0.3115,10 nF,0.625,0.5,0.16,1.217,0.5725,0.207,0.355,11 nF,0.625,0.4 $9, 0.145, 0.92, 0.437, 0.1735, 0.28, 10 \\ \\ 10, 0.625, 0.49, 0.12, 0.8765, 0.456, 0.18, 0.233, 10 \\ \\ 10, 0.12, 0.8765, 0.456, 0.18, 0.233, 10 \\ \\ 10, 0.12, 0.8765, 0.456, 0.18, 0.28, 10 \\ \\ 10, 0.12, 0.8765, 0.456, 0.456, 0.18, 0.28, 10 \\ \\ 10, 0.12, 0.8765, 0.456, 0.456, 0.18, 0.28, 10 \\ \\ 10, 0.12, 0.8765, 0.456, 0.456, 0.18, 0.2$  $0\nF, 0.63, 0.48, 0.165, 1.2615, 0.5505, 0.277, 0.3885, 10\nM, 0.63, 0.53, 0.18, 1.2795, 0.2755, 0.2795, 0.2755, 0.2755, 0.2755, 0.2755, 0.2755, 0.2755, 0.2755, 0.2$ 618,0.256,0.315,9\nF,0.63,0.485,0.185,1.167,0.548,0.2485,0.34,10\nM,0.63,0.51,  $6,11\nM,0.635,0.52,0.175,1.292,0.6,0.269,0.367,11\nM,0.635,0.485,0.18,1.1795,$ 0.4785,0.2775,0.355,10\nF,0.635,0.5,0.19,1.29,0.593,0.3045,0.352,8\nM,0.635,0.  $515, 0.16, 1.2075, 0.5385, 0.282, 0.345, 11 \\nM, 0.64, 0.505, 0.18, 1.297, 0.59, 0.3125, 0.385, 0.18$ 63,11\nM,0.64,0.575,0.175,1.4585,0.625,0.266,0.4395,11\nF,0.645,0.485,0.15,1.1 51,0.5935,0.2315,0.293,12\nF,0.645,0.52,0.17,1.197,0.526,0.2925,0.317,11\nM,0.  $645, 0.495, 0.19, 1.539, 0.6115, 0.408, 0.445, 12 \nM, 0.65, 0.52, 0.195, 1.676, 0.693, 0.4$ 4,0.47,15\nF,0.65,0.565,0.2,1.6645,0.753,0.367,0.43,12\nF,0.655,0.5,0.205,1.52 8,0.6215,0.3725,0.4535,11\nf,0.655,0.515,0.2,1.494,0.7255,0.309,0.405,12\nf,0. 66,0.525,0.16,1.277,0.4975,0.319,0.394,13\nF,0.66,0.525,0.18,1.5965,0.7765,0.3 97,0.3605,10\nf,0.665,0.51,0.175,1.3805,0.675,0.2985,0.325,10\nI,0.67,0.485,0. 175, 1.2565, 0.5355, 0.322, 0.386, 9\nF, 0.67, 0.525, 0.19, 1.527, 0.5755, 0.353, 0.44, 12 \nm, 0.67, 0.525, 0.17, 1.4005, 0.715, 0.3025, 0.387, 9\nm, 0.67, 0.525, 0.195, 1.4405, 0.6 595,0.2675,0.425,9\nM,0.67,0.54,0.175,1.482,0.739,0.2925,0.365,10\nM,0.68,0.51 5,0.16,1.2345,0.618,0.2625,0.325,11\nf,0.68,0.505,0.17,1.3435,0.657,0.297,0.35 5,12\nM,0.685,0.505,0.19,1.533,0.667,0.4055,0.41,10\nM,0.69,0.515,0.18,1.8445,  $0.9815, 0.4655, 0.341, 13 \ln, 0.715, 0.55, 0.175, 1.825, 0.938, 0.3805, 0.44, 11 \ln, 0.72,$  $0.58, 0.19, 2.0885, 0.9955, 0.478, 0.5305, 13 \nM, 0.735, 0.59, 0.205, 2.087, 0.909, 0.474,$ 0.625,12\nM,0.745,0.575,0.2,1.884,0.954,0.336,0.495,12\nI,0.32,0.215,0.095,0.3 05,0.14,0.067,0.0885,6\nI,0.43,0.345,0.115,0.4295,0.212,0.108,0.109,8\nI,0.43, 0.33, 0.1, 0.449, 0.254, 0.0825, 0.097, 6 $0.313,8 \times 0.49,0.355,0.155,0.981,0.465,0.2015,0.2505,8 \times 0.57,0.37,0.115,0.57$ 45,0.306,0.112,0.141,7\nF,0.505,0.38,0.13,0.693,0.391,0.1195,0.1515,8\nF,0.51,  $0.37, 0.21, 1.183, 0.508, 0.292, 0.343, 9 \\ \text{nf}, 0.525, 0.41, 0.135, 0.7905, 0.4065, 0.198, 0.$ 177,8\nF,0.535,0.4,0.15,1.224,0.618,0.275,0.2875,10\nI,0.535,0.4,0.135,0.775, 0.368,0.208,0.2055,8\nM,0.535,0.405,0.175,1.2705,0.548,0.3265,0.337,13\nM,0.55 5,0.405,0.19,1.406,0.6115,0.342,0.389,10\nM,0.555,0.425,0.15,0.873,0.4625,0.18 45,0.1965,9\nM,0.56,0.425,0.135,0.9415,0.509,0.2015,0.1975,9\nF,0.59,0.44,0.1 4,1.007,0.4775,0.2105,0.2925,9nM,0.595,0.485,0.15,1.0835,0.5305,0.231,0.276,8\nI,0.595,0.43,0.165,0.9845,0.4525,0.207,0.2725,8\nF,0.595,0.43,0.21,1.5245,0. 653,0.396,0.41,11\nm,0.61,0.475,0.175,1.024,0.409,0.261,0.322,9\nm,0.61,0.485,  $0.17, 1.281, 0.597, 0.3035, 0.33, 9 \ nF, 0.62, 0.5, 0.17, 1.148, 0.5475, 0.22, 0.3315, 10 \ n$ F,0.625,0.49,0.11,1.136,0.5265,0.1915,0.2925,9\nF,0.635,0.51,0.17,1.2235,0.53 2,0.271,0.354,9\nF,0.635,0.525,0.18,1.3695,0.634,0.318,0.363,11\nM,0.64,0.485,  $0.16, 1.006, 0.456, 0.2245, 0.2835, 9 \nM, 0.64, 0.495, 0.165, 1.307, 0.678, 0.292, 0.266, 1$ 1\nM,0.645,0.505,0.185,1.463,0.592,0.3905,0.416,10\nF,0.655,0.505,0.175,1.290 68,0.54,0.21,1.7885,0.8345,0.408,0.437,13\nM,0.7,0.545,0.185,1.6135,0.75,0.403 5,0.3685,11\nM,0.73,0.585,0.225,2.2305,1.2395,0.422,0.563,14\nF,0.75,0.615,0.2

 $05, 2.2635, 0.821, 0.423, 0.726, 12 \nI, 0.255, 0.185, 0.065, 0.074, 0.0305, 0.0165, 0.02, 4$ \nI,0.375,0.26,0.08,0.2075,0.09,0.0415,0.07,6\nI,0.375,0.285,0.09,0.237,0.106,  $0.0395, 0.08, 8 \\ \text{nI}, 0.39, 0.3, 0.1, 0.2665, 0.1105, 0.059, 0.084, 7 \\ \text{nI}, 0.39, 0.28, 0.09, 0.084$ 215,0.0845,0.034,0.079,8\nI,0.395,0.3,0.09,0.253,0.1155,0.05,0.075,6\nI,0.42,  $0.32, 0.11, 0.309, 0.115, 0.0645, 0.0945, 6 \\ \ln 1, 0.435, 0.335, 0.105, 0.3535, 0.156, 0.05, 0$ 875,0.1755,0.074,0.12,9\nI,0.45,0.33,0.115,0.365,0.14,0.0825,0.1245,8\nI,0.45, 0.34,0.125,0.4045,0.171,0.07,0.1345,8\nI,0.455,0.355,0.105,0.372,0.138,0.0765,  $0.135,9\nl$ ,  $0.46,0.37,0.11,0.3965,0.1485,0.0855,0.1455,8\nl$ , 0.47,0.375,0.125,0.5225,0.2265,0.104,0.162,8\nI,0.475,0.375,0.11,0.456,0.182,0.099,0.16,9\nI,0.49 5,0.33,0.1,0.44,0.177,0.095,0.15,7\nI,0.495,0.375,0.115,0.507,0.241,0.103,0.1 5,8\nI,0.5,0.38,0.135,0.5285,0.226,0.123,0.209,8\nI,0.515,0.385,0.125,0.572,0. 237,0.1435,0.165,7\nI,0.52,0.41,0.14,0.6625,0.2775,0.1555,0.196,11\nI,0.52,0.3 95,0.115,0.6445,0.3155,0.1245,0.186,11\nI,0.525,0.4,0.11,0.6275,0.3015,0.126, 0.18,8\nI,0.535,0.42,0.145,0.6885,0.273,0.1515,0.237,9\nM,0.535,0.41,0.12,0.68 35,0.3125,0.1655,0.159,8 \nm, 0.54,0.42,0.19,0.6855,0.293,0.163,0.38,10 \nI, 0.55,0.405,0.15,0.6755,0.3015,0.1465,0.21,10\nI,0.55,0.445,0.145,0.783,0.3045,0.15 7,0.265,11\nm,0.56,0.45,0.145,0.894,0.3885,0.2095,0.264,9\nI,0.565,0.44,0.135, 0.768, 0.3305, 0.1385, 0.2475, 9 nm, 0.57, 0.45, 0.145, 0.95, 0.4005, 0.2235, 0.2845, 10 nm $F, 0.57, 0.47, 0.14, 0.871, 0.385, 0.211, 0.2315, 10 \nM, 0.575, 0.47, 0.15, 0.9785, 0.4505,$  $0.196, 0.276, 9 \\ nI, 0.575, 0.43, 0.13, 0.7425, 0.2895, 0.2005, 0.22, 8 \\ nM, 0.575, 0.445, 0.2005,$  $14,0.737,0.325,0.1405,0.237,10\nI,0.575,0.445,0.16,0.9175,0.45,0.1935,0.24,9\nI$ F, 0.58, 0.435, 0.155, 0.8785, 0.425, 0.1685, 0.2425, 10\nM, 0.585, 0.45, 0.175, 1.1275, 0. 4925,0.262,0.335,11\nm,0.59,0.435,0.165,0.9765,0.4525,0.2395,0.235,9\nI,0.59, 0.47,0.145,0.974,0.453,0.236,0.289,8\nM,0.59,0.405,0.15,0.853,0.326,0.2615,0.2 45,9\nM,0.595,0.47,0.175,0.991,0.382,0.2395,0.5,12\nM,0.595,0.48,0.14,0.9125,  $0.4095, 0.1825, 0.289, 9 \\ \text{nf}, 0.595, 0.46, 0.16, 0.921, 0.4005, 0.2025, 0.2875, 9 \\ \text{nf}, 0.6, 0.4095, 0.1825, 0.2025, 0.2875, 9 \\ \text{nf}, 0.6, 0.1825, 0.2025,$  $0.45, 0.14, 0.869, 0.3425, 0.195, 0.291, 11 \\ 11 \\ 10M, 0.6, 0.45, 0.15, 0.8665, 0.3695, 0.1955, 0.0666, 0.1955, 0.1$ 255,12\nF,0.61,0.495,0.16,1.089,0.469,0.198,0.384,11\nM,0.615,0.485,0.215,0.96  $15, 0.422, 0.176, 0.29, 11 \times 0.615, 0.49, 0.17, 1.145, 0.4915, 0.208, 0.343, 13 \times 1.0.62, 0.422, 0.176, 0.29, 11 \times 0.615, 0.4915, 0.4915, 0.208, 0.343, 13 \times 0.625, 0.422, 0.176, 0.295, 0.422, 0.176, 0.295, 0.4915$  $0.475, 0.16, 0.907, 0.371, 0.167, 0.3075, 11 \\ \ln F, 0.625, 0.515, 0.155, 1.1635, 0.4875, 0.25$ 9,0.355,11\nM,0.63,0.515,0.175,1.1955,0.492,0.247,0.37,11\nM,0.63,0.495,0.18,  $1.31, 0.495, 0.295, 0.4695, 10 \nF, 0.635, 0.505, 0.165, 1.251, 0.577, 0.227, 0.3825, 11 \n$  $F, 0.635, 0.49, 0.155, 1.145, 0.4775, 0.3035, 0.3155, 9 \nM, 0.635, 0.5, 0.18, 1.154, 0.440$ 5,0.2315,0.387,9 nF,0.64,0.485,0.145,1.1335,0.5525,0.2505,0.3015,11 nF,0.64,0.5,0.15,1.2015,0.559,0.231,0.3355,9\nM,0.65,0.505,0.17,1.5595,0.695,0.3515,0.39  $5,11\nM,0.65,0.51,0.175,1.3165,0.6345,0.2605,0.364,12\nM,0.655,0.54,0.165,1.40$  $3,0.6955,0.2385,0.42,11\nf,0.655,0.49,0.16,1.204,0.5455,0.2615,0.3225,9\nf,0.68$ 55,0.455,0.17,1.2895,0.587,0.3165,0.3415,11\nF,0.66,0.53,0.18,1.5175,0.7765,0.  $302, 0.401, 10 \times 0.665, 0.525, 0.155, 1.3575, 0.5325, 0.3045, 0.4485, 10 \times 0.675, 0.585, 0.$ 2,0.145,1.3645,0.557,0.3405,0.385,11\nF,0.68,0.52,0.185,1.494,0.615,0.3935,0.4  $06,11\nF,0.68,0.56,0.195,1.664,0.58,0.3855,0.545,11\nM,0.685,0.51,0.165,1.545,$ 0.686,0.3775,0.4055,10\nF,0.695,0.535,0.2,1.5855,0.667,0.334,0.471,11\nF,0.7, 0.555,0.22,1.666,0.647,0.4285,0.455,11\nM,0.71,0.56,0.175,1.724,0.566,0.4575,  $0.4625,13\nF,0.73,0.55,0.205,1.908,0.5415,0.3565,0.5965,14\nF,0.755,0.575,0.2,$ 2.073,1.0135,0.4655,0.48,11\nI,0.225,0.17,0.05,0.0515,0.019,0.012,0.017,4\nI, 0.23,0.17,0.05,0.057,0.026,0.013,0.016,5\nI,0.255,0.185,0.06,0.0925,0.039,0.02 1,0.025,6nI,0.355,0.27,0.075,0.204,0.3045,0.046,0.0595,7nI,0.425,0.31,0.095,0.3075,0.139,0.0745,0.093,7\nI,0.425,0.32,0.085,0.262,0.1235,0.067,0.0725,8\n  $M, 0.455, 0.35, 0.11, 0.458, 0.2, 0.111, 0.1305, 8 \nM, 0.46, 0.355, 0.14, 0.491, 0.207, 0.11$  $5,0.174,10\nM,0.495,0.38,0.12,0.474,0.197,0.1065,0.1545,10\nM,0.51,0.395,0.12$  $5,0.5805,0.244,0.1335,0.188,11\nf,0.52,0.43,0.15,0.728,0.302,0.1575,0.235,11\n$  $M, 0.525, 0.4, 0.13, 0.622, 0.2655, 0.147, 0.184, 9 \ M, 0.53, 0.415, 0.12, 0.706, 0.3355, 0.$ 1635,0.1345,9\nF,0.53,0.395,0.115,0.5685,0.249,0.1375,0.161,9\nM,0.545,0.435,  $0.145, 0.9385, 0.3685, 0.1245, 0.345, 11 \nF, 0.55, 0.43, 0.15, 0.655, 0.2635, 0.122, 0.22$  $1,8 \times 0.575, 0.48, 0.15, 0.9465, 0.4355, 0.2605, 0.2505, 9 \times 0.58, 0.43, 0.125, 0.911$ 5,0.446,0.2075,0.121,10\nm,0.595,0.455,0.145,0.942,0.43,0.182,0.277,11\nm,0.6, 0.465,0.18,1.193,0.5145,0.315,0.3055,8\nM,0.645,0.5,0.18,1.461,0.5985,0.2425,  $0.439,11\nM,0.66,0.525,0.2,1.489,0.6065,0.3795,0.421,10\nI,0.29,0.215,0.06,0.1$ 115,0.053,0.0185,0.032,5\nI,0.3,0.22,0.065,0.1235,0.059,0.026,0.0315,5\nI,0.3 7,0.275,0.1,0.2815,0.1505,0.0505,0.068,5\nI,0.375,0.285,0.08,0.226,0.0975,0.0 4,0.0725,7\nI,0.38,0.29,0.085,0.2285,0.088,0.0465,0.075,7\nI,0.395,0.3,0.12,0. 2995,0.1265,0.068,0.0895,8\nI,0.41,0.325,0.105,0.361,0.1605,0.0665,0.103,8\nI,  $0.415, 0.32, 0.115, 0.3045, 0.1215, 0.0735, 0.094, 7 \ nI, 0.425, 0.325, 0.105, 0.3975, 0.18$  $15,0.081,0.1175,7 \ nI,0.44,0.34,0.1,0.379,0.1725,0.0815,0.101,7 \ nI,0.44,0.34,0.$ 12,0.4995,0.2965,0.0945,0.1185,6 nM, 0.465,0.405,0.135,0.7775,0.436,0.1715,0.1455,10\nF,0.47,0.36,0.1,0.4705,0.1635,0.089,0.1385,8\nM,0.51,0.415,0.145,0.751, 0.3295,0.1835,0.203,8\nF,0.525,0.4,0.135,0.714,0.318,0.138,0.208,10\nF,0.525,  $0.4, 0.13, 0.6995, 0.3115, 0.131, 0.223, 9 \ nF, 0.55, 0.425, 0.14, 0.952, 0.4895, 0.1945, 0.$ 

2185,7\nM,0.56,0.42,0.15,0.8755,0.44,0.1965,0.2315,8\nM,0.575,0.45,0.135,0.921 5,0.354,0.209,0.2365,9\nF,0.575,0.45,0.135,0.8285,0.362,0.1655,0.236,10\nM,0.5  $85, 0.46, 0.15, 1.206, 0.581, 0.216, 0.323, 10 \\ \text{nM}, 0.615, 0.495, 0.155, 1.2865, 0.435, 0.29$  $3, 0.3245, 11 \\ 11 \\ 11, 0.62, 0.485, 0.155, 1.1945, 0.5105, 0.271, 0.352, 9 \\ 11, 0.63, 0.495, 0.125, 0.$ 9,1.1655,0.536,0.2115,0.1625,10\nf,0.63,0.49,0.17,1.2155,0.4625,0.2045,0.3105,  $10 \\ \\ 10 \\ \\ 10.515, \\ 0.165, \\ 1.1735, \\ 0.526, \\ 0.285, \\ 0.316, \\ 11 \\ \\ 10M, \\ 0.675, \\ 0.505, \\ 0.16, \\ 1.532, \\ 0.16, \\ 1.532, \\ 0.16$  $0.74, 0.357, 0.3815, 11 \\ \mathsf{nF}, 0.685, 0.53, 0.17, 1.5105, 0.7385, 0.3525, 0.3725, 10 \\ \mathsf{nF}, 0.48, 0.3815$ 5,0.39,0.1,0.5565,0.2215,0.1155,0.185,9\nM,0.46,0.36,0.125,0.547,0.2165,0.110 5,0.19,8\nM,0.46,0.35,0.125,0.5165,0.1885,0.1145,0.185,9\nM,0.535,0.42,0.125,  $0.764, 0.312, 0.1505, 0.265, 11 \nM, 0.465, 0.36, 0.105, 0.488, 0.188, 0.0845, 0.19, 10 \nM,$  $0.51, 0.4, 0.14, 0.6905, 0.259, 0.151, 0.23, 10 \nI, 0.335, 0.26, 0.09, 0.1835, 0.078, 0.02$ 4,0.065,11\nM,0.55,0.425,0.16,0.97,0.2885,0.139,0.48,20\nI,0.18,0.135,0.08,0.0 33,0.0145,0.007,0.01,5\nI,0.215,0.165,0.055,0.059,0.0265,0.0125,0.0185,5\nI,0. 2,0.15,0.04,0.046,0.021,0.007,0.0065,4\nF,0.625,0.48,0.2,1.3235,0.6075,0.3055,  $0.355,9 \\ nM, 0.55, 0.42, 0.17, 0.8465, 0.336, 0.2405, 0.245, 13 \\ nM, 0.585, 0.45, 0.15, 1.04$  $7,0.4315,0.276,0.315,14\nf,0.645,0.5,0.18,1.2785,0.5345,0.2995,0.345,13\nf,0.78,0.79,0.4315,0.278,0.2995,0.345,13\nf,0.79,0.4315,0.278,0.2995,0.345,13\nf,0.79,0.4315,0.278,0.2995,0.345,13\nf,0.79,0.4315,0.278,0.2995,0.345,13\nf,0.79,0.4315,0.278,0.2995,0.345,13\nf,0.79,0.4315,0.278,0.2995,0.345,13\nf,0.79,0.4315,0.278,0.2995,0.345,0.2995,0.345,0.2995,0.345,0.2995,0.345,0.2995,0.345,0.2995,0.345,0.2995,0.345,0.2995,0.345,0.2995,0.345,0.2995,0.345,0.2995,0.345,0.2995,0.345,0.2995,0.345,0.2995,0.345,0.2995,0.345,0.2995,0.2995,0.345,0.2995,0.29$ 1,0.53,0.195,1.8745,0.6755,0.4065,0.6855,12\nF,0.7,0.54,0.215,1.978,0.6675,0.3 125,0.71,24\nf,0.655,0.505,0.165,1.367,0.5835,0.3515,0.396,10\nf,0.665,0.5,0.1  $75, 1.742, 0.595, 0.3025, 0.725, 21 \\ nF, 0.47, 0.375, 0.105, 0.513, 0.232, 0.142, 0.13, 11 \\ n$  $M, 0.425, 0.335, 0.1, 0.4085, 0.1755, 0.092, 0.135, 9 \ nM, 0.54, 0.41, 0.13, 0.56, 0.2375, 0.$  $1065, 0.175, 7 \times 0.505, 0.395, 0.125, 0.635, 0.29, 0.1555, 0.175, 9 \times 0.535, 0.44, 0.16$ 5,0.875,0.279,0.18,0.3,10\nF,0.43,0.35,0.09,0.397,0.1575,0.089,0.12,9\nM,0.55,  $0.435, 0.11, 0.806, 0.3415, 0.203, 0.215, 9 \ nF, 0.34, 0.255, 0.085, 0.204, 0.097, 0.021,$ 05,6nI,0.275,0.2,0.065,0.1165,0.0565,0.013,0.035,7nF,0.335,0.22,0.07,0.17,0. $076, 0.0365, 0.05, 6 \times 0.05, 6 \times 0.049, 0.14, 1.194, 0.4445, 0.238, 0.375, 15 \times 0.55, 0.44, 0.$  $0.125, 0.765, 0.33, 0.2125, 0.245, 9 \\ \mathsf{nF}, 0.64, 0.475, 0.19, 1.151, 0.4365, 0.281, 0.3805, 1.151, 0.4365, 0.281, 0.3805, 0.28100, 0.28100, 0.28100, 0.28100, 0.28100, 0.28100, 0.281000, 0.28100, 0.28100, 0.281000, 0.281000, 0.281000, 0.281000, 0.281000, 0.28100$  $3\nF$ , 0.545, 0.41, 0.115, 0.6765, 0.29, 0.158, 0.22,  $9\nF$ , 0.64, 0.54, 0.175, 1.571, 0.627, 0.271,0.475,18\nM,0.605,0.49,0.155,1.153,0.503,0.2505,0.295,15\nM,0.605,0.47,  $0.115, 1.114, 0.3925, 0.291, 0.31, 15 \\ \mathsf{nM}, 0.56, 0.45, 0.155, 0.9125, 0.3595, 0.271, 0.35, 1.15, 0.15,$  $0 \\ 155, 0.465, 0.155, 0.872, 0.3245, 0.239, 0.285, 14 \\ 14, 0.525, 0.405, 0.16, 0.792, 0.285, 14 \\ 14, 0.525, 0.405, 0.16, 0.792, 0.285, 14 \\ 14, 0.525, 0.405, 0.16, 0.792, 0.285, 14 \\ 15, 0.525, 0.405, 0.16, 0.792, 0.285, 14 \\ 15, 0.525, 0.405, 0.16, 0.792, 0.285, 14 \\ 15, 0.525, 0.405, 0.16, 0.792, 0.285, 14 \\ 15, 0.525, 0.405, 0.16, 0.792, 0.285, 14 \\ 15, 0.525, 0.405, 0.16, 0.792, 0.285, 0.2$ 316,0.1455,0.28,13\nF,0.505,0.405,0.18,0.606,0.239,0.1235,0.18,11\nM,0.35,0.26 5,0.09,0.2265,0.0995,0.0575,0.065,645,9\nI,0.51,0.405,0.12,0.61,0.229,0.131,0.235,11\nF,0.49,0.38,0.13,0.539,0.22 9,0.1355,0.165,12\nf,0.505,0.41,0.135,0.657,0.291,0.133,0.195,15\nM,0.38,0.3, 0.1,0.2505,0.106,0.0535,0.0775,8\nI,0.27,0.195,0.07,0.102,0.045,0.0135,0.034,8 \nF,0.37,0.295,0.1,0.2685,0.1165,0.056,0.0835,7\nM,0.5,0.385,0.135,0.551,0.224 5,0.0715,0.206,11\nm,0.645,0.505,0.165,1.307,0.4335,0.262,0.52,10\nm,0.565,0.4  $4,0.115,0.9185,0.404,0.1785,0.29,11\nf,0.67,0.545,0.175,1.707,0.6995,0.387,0.5$  $75,13\nF,0.59,0.415,0.15,0.8805,0.3645,0.234,0.235,11\nF,0.47,0.36,0.11,0.496$ 5,0.237,0.127,0.13,6\nF,0.51,0.385,0.135,0.632,0.282,0.145,0.17,8\nM,0.72,0.57 5,0.23,2.2695,0.8835,0.3985,0.665,16\nM,0.55,0.405,0.15,0.9235,0.412,0.2135,0. 24,7\nI,0.2,0.145,0.025,0.0345,0.011,0.0075,0.01,5\nM,0.65,0.515,0.18,1.3315,  $0.5665, 0.347, 0.405, 13 \\ nF, 0.525, 0.405, 0.115, 0.72, 0.3105, 0.1915, 0.2, 14 \\ nM, 0.565, 0.566$  $0.435, 0.185, 1.032, 0.354, 0.2045, 0.31, 20 \ nF, 0.61, 0.47, 0.16, 1.017, 0.426, 0.2255, 0.$ 32,12\nF,0.545,0.405,0.175,0.98,0.2585,0.207,0.38,18\nI,0.325,0.245,0.075,0.14 95,0.0605,0.033,0.045,5\nI,0.31,0.235,0.075,0.1515,0.056,0.0315,0.05,7\nM,0.4 5,0.335,0.14,0.478,0.1865,0.115,0.16,11\nF,0.49,0.38,0.155,0.578,0.2395,0.125 5,0.18,9\nf,0.505,0.405,0.16,0.6835,0.271,0.145,0.215,10\nf,0.385,0.3,0.1,0.27 25,0.1115,0.057,0.08,6\nF,0.62,0.485,0.22,1.511,0.5095,0.284,0.51,17\nF,0.635,  $0.505, 0.185, 1.3035, 0.501, 0.295, 0.41, 17 \nf, 0.665, 0.53, 0.185, 1.3955, 0.456, 0.320$ 5,0.49,15\nM,0.335,0.265,0.095,0.1975,0.0795,0.0375,0.07,9\nI,0.295,0.215,0.07 5,0.116,0.037,0.0295,0.04,8\nI,0.48,0.38,0.125,0.523,0.2105,0.1045,0.175,15\n  $I, 0.32, 0.25, 0.08, 0.1565, 0.057, 0.034, 0.06, 9 \setminus I, 0.43, 0.34, 0.125, 0.384, 0.1375, 0.0$ 61,0.146,14\nM,0.565,0.45,0.14,1.0055,0.3785,0.244,0.265,12\nF,0.6,0.48,0.165, 1.1345,0.4535,0.27,0.335,10\nF,0.585,0.46,0.17,1.0835,0.3745,0.326,0.325,14\n  $F, 0.555, 0.42, 0.14, 0.868, 0.33, 0.243, 0.21, 13 \nF, 0.57, 0.495, 0.16, 1.0915, 0.452, 0.21$ 75,0.315,14\nF,0.62,0.485,0.175,1.271,0.531,0.3075,0.37,11\nM,0.63,0.51,0.19,  $1.4985, 0.4125, 0.3075, 0.545, 16 \nM, 0.425, 0.34, 0.12, 0.388, 0.149, 0.087, 0.125, 10 \n$ F, 0.64, 0.505, 0.19, 1.2355, 0.4435, 0.3105, 0.365, 14\nM, 0.675, 0.525, 0.175, 1.402, 0.4 83,0.3205,0.465,16\nM,0.5,0.4,0.145,0.6025,0.216,0.138,0.21,11\nM,0.385,0.305,  $0.09, 0.2775, 0.109, 0.0515, 0.1, 9 \\ nM, 0.52, 0.435, 0.195, 0.973, 0.2985, 0.2135, 0.355, 1$  $8\n, 0.52, 0.415, 0.175, 0.753, 0.258, 0.171, 0.255, 8\n, 0.64, 0.525, 0.2, 1.3765, 0.44,$ 0.3075,0.47,16\nI,0.44,0.35,0.12,0.375,0.1425,0.0965,0.115,9\nF,0.42,0.32,0.1 3,0.4135,0.1645,0.106,0.119,10\nF,0.45,0.35,0.135,0.56,0.231,0.137,0.145,13\n  $I, 0.42, 0.325, 0.125, 0.3915, 0.1575, 0.1025, 0.115, 9 \ nF, 0.64, 0.505, 0.19, 1.2765, 0.48$  $35,0.328,0.4,12 \times 0.57,0.455,0.15,0.96,0.387,0.2385,0.275,11 \times 0.41,0.325,0.$  $12,0.3745,0.158,0.081,0.125,12 \nM,0.485,0.41,0.15,0.696,0.2405,0.1625,0.265,13$ \nF,0.61,0.48,0.19,1.2955,0.5215,0.3225,0.365,12\nF,0.59,0.485,0.205,1.2315,0. 4525,0.238,0.42,13\nM,0.665,0.535,0.155,1.383,0.596,0.2565,0.485,14\nI,0.345,

 $0.285, 0.1, 0.2225, 0.0865, 0.058, 0.075, 8 \\ nM, 0.635, 0.51, 0.155, 1.156, 0.428, 0.289, 0.$ 315,18\nM,0.695,0.53,0.15,1.477,0.6375,0.3025,0.43,14\nF,0.69,0.54,0.185,1.571  $5, 0.6935, 0.318, 0.47, 15 \\ 15 \\ 10, 0.555, 0.435, 0.135, 0.858, 0.377, 0.1585, 0.29, 15 \\ 15 \\ 10, 0.685, 0.29, 15 \\ 10, 0.685, 0.29, 15 \\ 10, 0.685, 0.29, 15 \\ 10, 0.685, 0.29, 15 \\ 10, 0.685, 0.29, 15 \\ 10, 0.685, 0.29, 15 \\ 10, 0.685, 0.29, 15 \\ 10, 0.685, 0.29, 15 \\ 10, 0.685, 0.29, 15 \\ 10, 0.685, 0.29, 15 \\ 10, 0.685, 0.29, 15 \\ 10, 0.685, 0.29, 15 \\ 10, 0.685, 0.29, 15 \\ 10, 0.685, 0.29, 15 \\ 10, 0.685, 0.29, 0.29, 15 \\ 10, 0.685, 0.29$  $5, 0.525, 0.19, 1.4995, 0.6265, 0.4005, 0.395, 14 \\ 14, 0.635, 0.48, 0.19, 1.467, 0.5825, 0.385, 0.485, 0$  $03, 0.42, 15 \\ 15 \\ 15, 0.655, 0.51, 0.16, 1.092, 0.396, 0.2825, 0.37, 14 \\ 14 \\ 15, 0.69, 0.555, 0.205,$  $1.8165, 0.7785, 0.4395, 0.515, 19 \\ \mathsf{nF}, 0.695, 0.55, 0.16, 1.6365, 0.694, 0.3005, 0.44, 13 \\ \mathsf{nF}, 0.695, 0.694, 0.696, 0.694, 0.3005, 0.44, 0.3005, 0.44, 0.3005, 0.694, 0.695, 0.695, 0.695, 0$  $\texttt{M}, \texttt{0.55}, \texttt{0.435}, \texttt{0.16}, \texttt{0.906}, \texttt{0.342}, \texttt{0.219}, \texttt{0.295}, \texttt{13} \\ \texttt{nF}, \texttt{0.61}, \texttt{0.495}, \texttt{0.19}, \texttt{1.213}, \texttt{0.464}, \texttt{0.61}, \texttt{0.906}, \texttt{0.19}, \texttt{0.19$ 1,0.0725,0.039,0.05,6\nF,0.435,0.35,0.125,0.459,0.197,0.1145,0.145,9\nI,0.455,  $0.375, 0.125, 0.533, 0.233, 0.106, 0.185, 8 \nM, 0.48, 0.38, 0.13, 0.6175, 0.3, 0.142, 0.17$ 5,12\nI,0.43,0.35,0.105,0.366,0.1705,0.0855,0.11,6\nF,0.435,0.35,0.105,0.4195,  $0.194, 0.1005, 0.13, 7 \ln 1, 0.3, 0.23, 0.075, 0.15, 0.0605, 0.042, 0.045, 5 \ln 7, 0.575, 0.48,$  $0.15, 0.8745, 0.375, 0.193, 0.29, 12 \nM, 0.505, 0.385, 0.11, 0.655, 0.3185, 0.15, 0.185, 9$ \nm, 0.455, 0.375, 0.125, 0.484, 0.2155, 0.102, 0.165, 7\nm, 0.64, 0.505, 0.165, 1.4435, 0. 6145,0.3035,0.39,18\nf,0.56,0.435,0.125,0.8775,0.3345,0.2145,0.29,13\nf,0.645,  $0.52, 0.19, 1.3105, 0.58, 0.288, 0.37, 12 \\ \text{nF}, 0.595, 0.485, 0.145, 1.2515, 0.5035, 0.2925,$  $0.33,14\nM,0.565,0.45,0.115,0.9085,0.398,0.197,0.29,17\nF,0.655,0.5,0.14,1.170$ 5,0.5405,0.3175,0.285,12\nM,0.48,0.38,0.135,0.528,0.2,0.1395,0.16,14\nF,0.495, 0.385,0.135,0.6625,0.3005,0.1635,0.185,11\nf,0.4,0.335,0.115,0.4335,0.2105,0.1 205,0.12,10\nM,0.41,0.31,0.125,0.3595,0.1415,0.0885,0.115,11\nF,0.595,0.465,0. 145,1.107,0.402,0.2415,0.31,12\nf,0.625,0.475,0.13,0.8595,0.3195,0.1775,0.24,1  $3\n, 0.52, 0.425, 0.155, 0.7735, 0.297, 0.123, 0.255, 17\n, 0.465, 0.36, 0.125, 0.4365,$  $0.169, 0.1075, 0.145, 11 \\ nf, 0.475, 0.375, 0.14, 0.501, 0.192, 0.1175, 0.175, 13 \\ nf, 0.5, 0.169, 0.16$  $0.405, 0.14, 0.6735, 0.265, 0.124, 0.25, 18 \nM, 0.46, 0.355, 0.11, 0.415, 0.215, 0.082, 0.1$  $3,12\nM,0.485,0.385,0.125,0.4775,0.2,0.0785,0.17,12\nF,0.465,0.39,0.14,0.5555,$  $0.213, 0.1075, 0.215, 15 \\ \text{nM}, 0.525, 0.415, 0.16, 0.6445, 0.26, 0.1575, 0.22, 12 \\ \text{nF}, 0.655, 0.26, 0.1575, 0.27, 0.2$ 0.53,0.19,1.428,0.493,0.318,0.565,18\nM,0.69,0.54,0.185,1.6195,0.533,0.353,0.5  $55,24\\nM,0.55,0.45,0.17,0.81,0.317,0.157,0.22,11\\nF,0.58,0.475,0.165,1.0385,0.475,0.165,1.0385,0.475,0.165$  $414, 0.26, 0.305, 13 \\ 13 \\ 17, 0.59, 0.475, 0.155, 0.9715, 0.371, 0.235, 0.28, 11 \\ 11 \\ 10, 0.565, 0.40, 0.10,$  $4, 0.155, 0.868, 0.348, 0.217, 0.26, 11 \\ 11, 0.665, 0.57, 0.185, 1.522, 0.6965, 0.3025, 0.408, 0.185, 0.$ 5,13\nF,0.62,0.51,0.175,1.1255,0.4985,0.227,0.315,14\nM,0.55,0.46,0.13,0.7085,  $0.305, 0.1455, 0.205, 12 \\ nF, 0.605, 0.475, 0.145, 1.0185, 0.4695, 0.225, 0.27, 15 \\ nM, 0.53$ 5,0.42,0.16,0.72,0.275,0.164,0.225,15 nF,0.51,0.395,0.12,0.6175,0.262,0.122,0.193,12\nM,0.53,0.405,0.13,0.738,0.2845,0.17,0.193,9\nF,0.495,0.375,0.15,0.597,  $0.2615, 0.135, 0.178, 11 \nM, 0.575, 0.455, 0.185, 1.156, 0.5525, 0.243, 0.295, 13 \nF, 0.6$ 3,0.5,0.16,1.22,0.4905,0.3,0.345,14 \nm, 0.59,0.45,0.12,0.7485,0.3345,0.1315,0.2 $2,14 \\ nF, 0.605, 0.485, 0.165, 1.0735, 0.437, 0.205, 0.33, 14 \\ nM, 0.645, 0.5, 0.19, 1.229,$  $0.524, 0.278, 0.395, 17 \\ nF, 0.62, 0.5, 0.175, 1.146, 0.477, 0.23, 0.39, 13 \\ nM, 0.605, 0.48$ 5,0.175,1.145,0.4325,0.27,0.405,16\nF,0.615,0.5,0.205,1.1055,0.4445,0.227,0.3 9,16\nF,0.66,0.525,0.19,1.67,0.6525,0.4875,0.49,11\nF,0.71,0.575,0.175,1.555,  $0.6465, 0.3705, 0.52, 15 \nF, 0.565, 0.45, 0.185, 0.9285, 0.302, 0.1805, 0.265, 12 \nF, 0.565, 0.45, 0.185, 0.9285, 0.302, 0.1805, 0.265, 12 \nF, 0.565, 0.45, 0.185, 0.9285, 0.302, 0.1805, 0.265, 12 \nF, 0.565, 0.45, 0.185, 0.9285, 0.302, 0.1805, 0.265, 12 \nF, 0.565, 0.45, 0.185, 0.9285, 0.302, 0.1805, 0.265, 12 \nF, 0.565, 0.45, 0.185, 0.9285, 0.302, 0.1805, 0.265, 12 \nF, 0.565, 0.45, 0.185, 0.9285, 0.302, 0.1805, 0.265, 0.265, 0.285,$ 7,0.435,0.14,0.8085,0.3235,0.183,0.22,16\nI,0.6,0.445,0.175,1.057,0.383,0.216, 0.355,16\nI,0.41,0.3,0.115,0.2595,0.097,0.0515,0.08,10\nF,0.45,0.325,0.135,0.4 38,0.1805,0.1165,0.11,9\nM,0.275,0.2,0.08,0.099,0.037,0.024,0.03,5\nI,0.485,0. 355,0.12,0.5085,0.21,0.122,0.135,9\nF,0.62,0.485,0.165,1.166,0.483,0.238,0.35 5,13\nF,0.48,0.38,0.135,0.507,0.1915,0.1365,0.155,12\nF,0.505,0.41,0.15,0.634  $5,0.243,0.1335,0.215,17 \nM,0.4,0.31,0.11,0.314,0.138,0.057,0.1,11 \nI,0.45,0.35$ 5,0.115,0.4385,0.184,0.108,0.1125,11\nM,0.35,0.26,0.09,0.195,0.0745,0.041,0.06 55,9\nM,0.44,0.35,0.14,0.451,0.171,0.0705,0.184,16\nM,0.265,0.2,0.065,0.084,0.  $034, 0.0105, 0.03, 7 \times 0.165, 0.125, 0.04, 0.0245, 0.0095, 0.0045, 0.008, 4 \times 0.705, 0.008,$ 555,0.2,1.4685,0.4715,0.3235,0.52,19\nF,0.535,0.425,0.155,0.7765,0.302,0.1565,  $0.25,16\nI,0.49,0.385,0.14,0.5425,0.198,0.127,0.175,11\nF,0.48,0.37,0.13,0.588$ 5,0.2475,0.1505,0.1595,15\nF,0.395,0.3,0.105,0.3375,0.1435,0.0755,0.098,12\nI,  $0.375, 0.28, 0.1, 0.2565, 0.1165, 0.0585, 0.0725, 12 \\ \\ 12 \\ \\ 12 \\ \\ 10.345, 0.265, 0.09, 0.163, 0.061$ 5,0.037,0.0485,10\nI,0.55,0.415,0.135,0.8095,0.2985,0.2015,0.28,12\nI,0.635,0. 48,0.2,1.3655,0.6255,0.2595,0.425,16\nI,0.575,0.475,0.17,0.967,0.3775,0.284,0. 275,13\nF,0.545,0.435,0.15,0.6855,0.2905,0.145,0.225,10\nF,0.385,0.305,0.125,  $0.314, 0.146, 0.0555, 0.08, 10 \nF, 0.51, 0.34, 0.18, 0.7005, 0.312, 0.165, 0.2, 11 \nI, 0.4$ 4,0.34,0.125,0.4895,0.1735,0.0875,0.2,13\nI,0.45,0.36,0.125,0.45,0.191,0.0865, 0.145,12\nI,0.39,0.3,0.105,0.259,0.0955,0.038,0.085,8\nF,0.425,0.325,0.135,0.3  $82, 0.1465, 0.079, 0.14, 12 \ nF, 0.45, 0.35, 0.125, 0.4435, 0.185, 0.09, 0.145, 11 \ nI, 0.66,$ 0.525,0.18,1.6935,0.6025,0.4005,0.42,15\nF,0.685,0.525,0.175,1.71,0.5415,0.30 9,0.58,16\nF,0.585,0.475,0.185,0.8575,0.3465,0.1785,0.275,12\nI,0.54,0.435,0.1 45,0.97,0.4285,0.22,0.264,17\nf,0.49,0.39,0.135,0.59,0.215,0.125,0.1845,12\nM,  $0.43, 0.33, 0.095, 0.34, 0.1315, 0.085, 0.112, 14 \nf, 0.455, 0.365, 0.11, 0.385, 0.166, 0.0$ 46,0.1345,13\nI,0.495,0.38,0.145,0.515,0.175,0.098,0.212,13\nF,0.48,0.38,0.14 5,0.59,0.232,0.141,0.23,12\nI,0.47,0.4,0.16,0.51,0.1615,0.073,0.198,14\nM,0.41 5,0.32,0.1,0.3005,0.1215,0.0575,0.104,11\nI,0.49,0.385,0.115,0.683,0.3265,0.16 15,0.165,13\nI,0.47,0.375,0.105,0.468,0.1665,0.108,0.17,10\nI,0.445,0.345,0.1

 $3,0.4075,0.1365,0.0645,0.18,11\nf,0.51,0.38,0.13,0.584,0.224,0.1355,0.185,13\n$ F,0.52,0.405,0.145,0.829,0.3535,0.1685,0.205,15\nI,0.475,0.365,0.14,0.4545,0.1 71,0.118,0.158,8\nF,0.455,0.36,0.11,0.4385,0.206,0.098,0.125,10\nI,0.435,0.34,  $0.11, 0.407, 0.1685, 0.073, 0.13, 10 \\ 10, 0.39, 0.3, 0.1, 0.3085, 0.1385, 0.0735, 0.085, 6 \\ 10, 0.$ I,0.375,0.285,0.1,0.239,0.105,0.0555,0.07,8\nM,0.285,0.215,0.075,0.106,0.0415,  $0.023, 0.035, 5 \\ \ln 1, 0.58, 0.445, 0.17, 1.178, 0.3935, 0.2165, 0.315, 20 \\ \ln F, 0.58, 0.44, 0.12, 0.13, 0.14,$ 75,1.073,0.4005,0.2345,0.335,19\nM,0.41,0.315,0.095,0.306,0.121,0.0735,0.09,9 \nM,0.41,0.3,0.1,0.301,0.124,0.069,0.09,9\nI,0.54,0.405,0.15,0.7585,0.307,0.20 75,0.19,10\nM,0.33,0.245,0.085,0.171,0.0655,0.0365,0.055,11\nI,0.44,0.31,0.11  $5,0.3625,0.134,0.082,0.12,11\nM,0.28,0.21,0.065,0.0905,0.035,0.02,0.03,5\nI,0.$ 59,0.465,0.195,1.0885,0.3685,0.187,0.375,17\nI,0.61,0.48,0.165,1.097,0.4215,0. 264,0.335,13\nI,0.61,0.46,0.17,1.278,0.41,0.257,0.37,17\nM,0.455,0.345,0.125, 0.44,0.169,0.1065,0.135,12\nM,0.33,0.235,0.09,0.163,0.0615,0.034,0.055,10\nI,  $0.44, 0.33, 0.135, 0.522, 0.17, 0.0905, 0.195, 16 \nM, 0.54, 0.405, 0.155, 0.9715, 0.3225,$  $0.194, 0.29, 19 \\ nF, 0.475, 0.375, 0.125, 0.588, 0.237, 0.1715, 0.155, 10 \\ nF, 0.46, 0.33, 0.$ 15,0.5325,0.2085,0.1805,0.125,10\nI,0.31,0.235,0.09,0.127,0.048,0.031,0.04,6\n  $I, 0.255, 0.19, 0.07, 0.0815, 0.028, 0.016, 0.031, 5 \times 0.335, 0.255, 0.075, 0.1635, 0.061$ 5,0.0345,0.057,8\nI,0.295,0.21,0.08,0.1,0.038,0.026,0.031,8\nI,0.19,0.13,0.04  $5,0.0265,0.009,0.005,0.009,5 \times 0.545,0.435,0.165,0.9955,0.3245,0.2665,0.325,1$  $9\nM, 0.495, 0.4, 0.12, 0.6605, 0.2605, 0.161, 0.19, 15\nM, 0.5, 0.375, 0.13, 0.721, 0.305$ 5,0.1725,0.22,14\nf,0.305,0.225,0.07,0.1485,0.0585,0.0335,0.045,7\nf,0.475,0.3 5,0.115,0.487,0.194,0.1455,0.125,13nM,0.515,0.4,0.125,0.955,0.341,0.2535,0.26,13\nM,0.545,0.41,0.145,0.873,0.3035,0.196,0.31,18\nM,0.74,0.535,0.185,1.65,  $0.734, 0.4505, 0.335, 13 \\ 13 \\ 10, 0.565, 0.465, 0.15, 1.1285, 0.377, 0.3525, 0.33, 16 \\ 16 \\ 16 \\ 16, 0.56, 0.16, 0.$  $0.44, 0.16, 1.1115, 0.5035, 0.2785, 0.26, 10 \nM, 0.545, 0.42, 0.125, 0.9745, 0.353, 0.174,$  $0.305,13\nM,0.645,0.515,0.185,1.4605,0.5835,0.3155,0.41,19\nM,0.575,0.435,0.1$  $3,1.0105,0.368,0.222,0.32,10\nM,0.62,0.48,0.16,1.0765,0.412,0.253,0.3,13\nF,0.$  $605, 0.45, 0.165, 1.2225, 0.357, 0.202, 0.385, 13 \\ 13 \\ 10.605, 0.475, 0.16, 1.616, 0.5495, 0.605, 0.475, 0.16, 1.616, 0.5495, 0.605, 0.475, 0.16, 1.616, 0.5495, 0.605, 0.475, 0.605$ 332,0.34,18\nF,0.475,0.375,0.15,0.559,0.1955,0.1215,0.1945,12\nM,0.365,0.285,  $0.085, 0.2205, 0.0855, 0.0515, 0.07, 9 \\ \text{nf}, 0.46, 0.35, 0.115, 0.44, 0.19, 0.1025, 0.13, 8 \\ \text{n}, 0.085, 0.$  $\verb|M,0.53,0.43,0.135,0.879,0.28,0.2165,0.25,10| \verb|nm,0.48,0.395,0.15,0.6815,0.2145,\\$ 0.1405,0.2495,18\nM,0.455,0.345,0.15,0.5795,0.1685,0.125,0.215,13\nI,0.35,0.26 5,0.11,0.209,0.066,0.059,0.075,9\nM,0.37,0.28,0.105,0.224,0.0815,0.0575,0.075,  $8 \times 1, 0.34, 0.25, 0.075, 0.1765, 0.0785, 0.0405, 0.05, 7 \times 1, 0.35, 0.28, 0.075, 0.196, 0.08$ 2,0.04,0.064,8\nI,0.35,0.265,0.08,0.192,0.081,0.0465,0.053,6\nI,0.39,0.315,0.0 9,0.3095,0.147,0.05,0.09,7\nI,0.395,0.31,0.095,0.313,0.131,0.072,0.093,7\nI,0. 415,0.31,0.105,0.3595,0.167,0.083,0.0915,6\nI,0.43,0.32,0.1,0.3855,0.192,0.074 5,0.1,7\nI,0.48,0.355,0.115,0.5785,0.25,0.106,0.184,8\nM,0.49,0.395,0.12,0.67  $4,0.3325,0.1235,0.185,9 \\ nF,0.49,0.37,0.105,0.5265,0.249,0.1005,0.148,7 \\ nF,0.5$ 6,0.465,0.16,1.0315,0.432,0.2025,0.337,918,7\nM,0.58,0.46,0.15,1.0165,0.491,0.221,0.265,9\nF,0.58,0.48,0.18,1.2495,0.4 945,0.27,0.371,8\nM,0.59,0.47,0.135,1.1685,0.539,0.279,0.28,8\nF,0.595,0.475,  $0.165, 1.148, 0.444, 0.214, 0.37, 10 \times 0.6, 0.475, 0.15, 1.089, 0.5195, 0.223, 0.292, 11$ \nM, 0.61, 0.47, 0.155, 1.0325, 0.497, 0.2175, 0.2785, 9\nF, 0.63, 0.475, 0.15, 1.172, 0.53 6,0.254,0.316,11\nM,0.64,0.51,0.17,1.3715,0.567,0.307,0.409,10\nF,0.65,0.545,  $0.185, 1.5055, 0.6565, 0.341, 0.43, 10 \nM, 0.71, 0.55, 0.2, 1.9045, 0.882, 0.44, 0.5, 13 \n$  $M, 0.74, 0.605, 0.2, 2.4925, 1.1455, 0.575, 0.5235, 13 \nI, 0.25, 0.18, 0.065, 0.0805, 0.034$ 5,0.0185,0.0215,4\nI,0.28,0.21,0.065,0.111,0.0425,0.0285,0.03,6\nI,0.325,0.24, 0.075,0.152,0.065,0.0305,0.045,6\nI,0.35,0.265,0.095,0.199,0.073,0.049,0.06,5 \nI,0.36,0.27,0.09,0.219,0.097,0.0405,0.065,6\nI,0.365,0.27,0.105,0.2155,0.091 5,0.0475,0.063,6\nI,0.37,0.28,0.09,0.2565,0.1255,0.0645,0.0645,6\nI,0.375,0.28 5,0.09,0.257,0.1045,0.062,0.075,7\nI,0.38,0.275,0.095,0.2505,0.0945,0.0655,0.0 75,6\nI,0.395,0.3,0.09,0.279,0.134,0.049,0.075,8\nI,0.43,0.335,0.105,0.378,0.1 88,0.0785,0.09,6\nI,0.44,0.35,0.125,0.456,0.21,0.0955,0.131,8\nI,0.465,0.37,0.  $1,0.5055,0.234,0.11,0.14,7 \\ nF,0.465,0.355,0.115,0.4705,0.1955,0.118,0.126,7 \\ n$ M, 0.48, 0.37, 0.13, 0.643, 0.349, 0.1155, 0.135, 8\nI, 0.485, 0.37, 0.1, 0.513, 0.219, 0.10 75,0.13,7\nF,0.49,0.4,0.115,0.569,0.256,0.1325,0.145,9\nI,0.495,0.4,0.145,0.57 8,0.2545,0.1305,0.1645,8\nI,0.5,0.385,0.11,0.596,0.3015,0.104,0.151,8\nF,0.50 5,0.39,0.12,0.5725,0.2555,0.1325,0.146,8\nM,0.52,0.39,0.12,0.6435,0.2885,0.15 7,0.161,7\nM,0.52,0.395,0.125,0.8115,0.4035,0.166,0.2,7\nF,0.525,0.44,0.125,0. 7115,0.3205,0.159,0.1915,7\nM,0.55,0.44,0.155,0.9155,0.3645,0.195,0.25,8\nF,0. 555,0.44,0.145,0.8815,0.43,0.1975,0.2155,8\nF,0.555,0.42,0.11,0.931,0.4445,0.1 71,0.225,8\nf,0.575,0.46,0.165,1.065,0.4985,0.2145,0.2815,8\nM,0.6,0.475,0.15 5,1.1385,0.502,0.2295,0.31,9\nF,0.61,0.48,0.16,1.234,0.598,0.238,0.315,12\nF, 0.61,0.495,0.175,1.2635,0.53,0.315,0.3455,10\nF,0.61,0.47,0.16,1.0745,0.4925,  $0.236, 0.29, 8 \times 0.615, 0.505, 0.19, 1.403, 0.6715, 0.2925, 0.365, 8 \times 0.62, 0.485, 0.18$ 65,1.1325,0.5235,0.2505,0.2825,9\nF,0.625,0.495,0.16,1.1115,0.4495,0.2825,0.34 5,11\nF,0.625,0.47,0.17,1.255,0.525,0.2415,0.405,10\nM,0.625,0.485,0.17,1.437,  $0.5855, 0.293, 0.475, 11\nM, 0.635, 0.495, 0.155, 1.3635, 0.583, 0.2985, 0.295, 10\nF, 0.685, 0.18$ 

4,0.48,0.195,1.1435,0.4915,0.2345,0.353,9\nM,0.64,0.5,0.17,1.4545,0.642,0.357 5,0.354,9\nM,0.66,0.525,0.18,1.478,0.5815,0.381,0.372,10\nF,0.665,0.52,0.165,  $1.6885, 0.7295, 0.407, 0.4265, 11 \\ 11, 0.715, 0.585, 0.23, 2.0725, 0.8655, 0.4095, 0.565, 11, 0.585, 0.23, 2.0725, 0.8655, 0.4095, 0.565, 11, 0.585, 0.23, 2.0725, 0.8655, 0.4095, 0.565, 11, 0.585, 0.23, 2.0725, 0.8655, 0.4095, 0.565, 11, 0.585, 0.23, 2.0725, 0.8655, 0.4095, 0.565, 11, 0.585, 0.23, 2.0725, 0.8655, 0.4095, 0.565, 11, 0.585, 0.23, 2.0725, 0.8655, 0.4095, 0.565, 0.23, 2.0725, 0.8655, 0.4095, 0.565, 0.200, 0.2000, 0.2000, 0.2000, 0.2000, 0.2000, 0.2000, 0.2000, 0.2000, 0.2000, 0.2000, 0.2000, 0.2000,$  $0\nM, 0.72, 0.565, 0.2, 1.787, 0.718, 0.385, 0.529, 11\nF, 0.725, 0.58, 0.185, 1.523, 0.804$ 5,0.3595,0.4375,9\nI,0.165,0.12,0.05,0.021,0.0075,0.0045,0.014,3\nI,0.21,0.15,  $0.055, 0.0455, 0.02, 0.0065, 0.013, 4 \\ 1, 0.355, 0.265, 0.085, 0.2435, 0.122, 0.0525, 0.008$ 6,6\nI,0.4,0.315,0.085,0.2675,0.116,0.0585,0.0765,6\nI,0.4,0.29,0.1,0.258,0.10 4,0.059,0.0815,7\nI,0.4,0.3,0.11,0.2985,0.1375,0.071,0.075,6\nI,0.435,0.335,0.  $11,0.411,0.2025,0.0945,0.1,7 \nI,0.44,0.33,0.11,0.38,0.197,0.079,0.09,7 \nI,0.4$ 5,0.34,0.105,0.4385,0.21,0.0925,0.12,8\nI,0.465,0.345,0.105,0.4015,0.242,0.034 5,0.109,6\nI,0.47,0.355,0.145,0.4485,0.156,0.102,0.123,7\nI,0.47,0.355,0.115,  $0.4155, 0.167, 0.084, 0.139, 7 \ nI, 0.475, 0.42, 0.16, 0.7095, 0.35, 0.1505, 0.1845, 8 \ nI,$  $0.485, 0.37, 0.115, 0.637, 0.38, 0.1335, 0.128, 7 \ nF, 0.505, 0.475, 0.16, 1.1155, 0.509, 0.$ 239,0.3065,8\nI,0.51,0.405,0.13,0.599,0.3065,0.1155,0.1485,8\nI,0.52,0.38,0.1 3,0.5345,0.2375,0.122,0.1535,8 \nf,0.53,0.42,0.14,0.627,0.2905,0.1165,0.183,8 \n  $M, 0.535, 0.42, 0.16, 0.7465, 0.348, 0.1515, 0.2185, 10 \nM, 0.55, 0.44, 0.16, 0.985, 0.464$ 5,0.201,0.27,8 \nm, 0.555,0.44,0.145,0.85,0.4165,0.1685,0.23,8 \nm, 0.555,0.44,0.15,0.838,0.4155,0.146,0.23,8\nF,0.555,0.43,0.135,0.812,0.4055,0.163,0.2215,9\n  $M, 0.56, 0.415, 0.13, 0.7615, 0.3695, 0.17, 0.1955, 8 \ nM, 0.575, 0.44, 0.145, 0.87, 0.3945,$  $0.2195, 0.225, 8 \ nF, 0.585, 0.45, 0.145, 0.9835, 0.4845, 0.242, 0.22, 9 \ nM, 0.59, 0.46, 0.1$  $45, 0.929, 0.38, 0.24, 0.255, 10 \\ 10, 0.595, 0.47, 0.165, 1.0155, 0.491, 0.1905, 0.289, 9 \\ 10, 0.1905, 0.289, 10, 0.289, 1$ M, 0.6, 0.41, 0.145, 0.939, 0.4475, 0.196, 0.268, 8\nM, 0.6, 0.475, 0.16, 1.164, 0.5045, 0.2  $635, 0.335, 12 \times 0.61, 0.47, 0.175, 1.214, 0.5315, 0.2835, 0.325, 10 \times 0.615, 0.49, 0.125,$ 9,1.1345,0.4695,0.257,0.348,11\nf,0.62,0.51,0.18,1.233,0.592,0.274,0.322,10\n  $M, 0.625, 0.495, 0.18, 1.0815, 0.4715, 0.254, 0.3135, 10 \nM, 0.625, 0.47, 0.175, 1.179, 0.6$ 05, 0.258, 0.271, 9 nF, 0.64, 0.5, 0.165, 1.1635, 0.554, 0.239, 0.32, 11 nF, 0.64, 0.475, 0.175,1.1545,0.4865,0.341,0.288,9\nF,0.645,0.52,0.175,1.3345,0.667,0.2665,0.355,  $10\nM, 0.65, 0.505, 0.18, 1.469, 0.7115, 0.3335, 0.38, 9\nM, 0.655, 0.52, 0.18, 1.492, 0.71$ 85,0.36,0.355,11\nf,0.655,0.54,0.175,1.5585,0.7285,0.402,0.385,11\nf,0.66,0.5,  $0.175, 1.3275, 0.556, 0.2805, 0.4085, 9 \\ nM, 0.67, 0.525, 0.18, 1.6615, 0.8005, 0.3645, 0.4085, 0.4$  $3,10 \\ nF, 0.69, 0.525, 0.19, 1.492, 0.6425, 0.3905, 0.42, 12 \\ nF, 0.7, 0.575, 0.2, 1.7365, 0.$ 7755,0.3965,0.461,11\nF,0.7,0.56,0.175,1.6605,0.8605,0.3275,0.398,11\nM,0.71,  $0.57, 0.195, 1.348, 0.8985, 0.4435, 0.4535, 11 \nM, 0.715, 0.545, 0.18, 1.7405, 0.871, 0.34$ 7,0.449,10\nF,0.72,0.545,0.185,1.7185,0.7925,0.401,0.468,11\nI,0.215,0.15,0.05 5,0.041,0.015,0.009,0.0125,3\nI,0.24,0.185,0.06,0.0655,0.0295,0.0005,0.02,4\n I,0.26,0.205,0.07,0.097,0.0415,0.019,0.0305,4\nI,0.32,0.24,0.085,0.131,0.0615, 0.0265,0.038,6\nI,0.33,0.23,0.085,0.1695,0.079,0.026,0.0505,6\nI,0.335,0.26,0.  $I, 0.35, 0.265, 0.085, 0.1735, 0.0775, 0.034, 0.056, 6 \ nI, 0.36, 0.265, 0.075, 0.1785, 0.075, 0.$ 85,0.035,0.054,6\nI,0.36,0.265,0.09,0.2055,0.096,0.037,0.0585,7\nI,0.365,0.27 5,0.09,0.2345,0.108,0.051,0.0625,7\nI,0.38,0.285,0.09,0.2305,0.1005,0.039,0.07 75,7\nI,0.4,0.31,0.115,0.314,0.1545,0.0595,0.087,6\nI,0.4,0.315,0.09,0.33,0.15 1,0.068,0.08,6\nI,0.4,0.265,0.1,0.2775,0.1245,0.0605,0.08,9\nI,0.425,0.325,0.1 1,0.405,0.1695,0.092,0.1065,8\nI,0.43,0.325,0.105,0.309,0.119,0.08,0.098,6\nM,  $0.435, 0.335, 0.11, 0.4385, 0.2075, 0.0715, 0.1315, 7 \ni, 0.435, 0.34, 0.12, 0.396, 0.177$ 5,0.081,0.125,8\nI,0.445,0.355,0.095,0.3615,0.1415,0.0785,0.12,8\nI,0.45,0.35, 0.11,0.514,0.253,0.1045,0.14,8\nI,0.455,0.435,0.11,0.4265,0.195,0.09,0.1205,8 \nI,0.46,0.34,0.09,0.384,0.1795,0.068,0.11,8\nI,0.475,0.355,0.125,0.4865,0.215 5,0.1105,0.142,9\nI,0.475,0.36,0.135,0.4355,0.196,0.0925,0.125,8\nI,0.475,0.3 5,0.115,0.498,0.2375,0.099,0.14,7 11,0.48,0.355,0.125,0.494,0.2385,0.0835,0.15,9\nf,0.495,0.37,0.12,0.594,0.28,0.11,0.1375,7\nI,0.5,0.365,0.125,0.528,0.22 9,0.103,0.1645,9\nM,0.505,0.39,0.115,0.5585,0.2575,0.119,0.1535,8\nI,0.515,0. 4,0.135,0.636,0.3055,0.1215,0.1855,9\nI,0.525,0.39,0.105,0.567,0.2875,0.1075,  $0.16,8 \ln 1,0.53,0.405,0.13,0.6615,0.2945,0.1395,0.19,9 \ln 1,0.53,0.42,0.13,0.658,$ 0.296,0.1245,0.198,8\nM,0.535,0.415,0.135,0.78,0.3165,0.169,0.2365,8\nI,0.535, 0.41, 0.13, 0.6075, 0.268, 0.1225, 0.1975, 9 nI, 0.54, 0.41, 0.135, 0.7025, 0.31, 0.177, 0.2,8\nI,0.55,0.425,0.155,0.8725,0.412,0.187,0.2425,10\nF,0.565,0.45,0.175,1.236 5,0.5305,0.2455,0.308,10\nM,0.57,0.47,0.155,1.186,0.6355,0.2315,0.277,10\nI,0. 57,0.42,0.13,0.7745,0.3535,0.1505,0.2365,9\nF,0.57,0.42,0.16,0.8875,0.4315,0.1 915,0.223,8\nI,0.575,0.455,0.155,0.8725,0.349,0.2095,0.285,8\nI,0.575,0.44,0.1 25,0.8515,0.4555,0.1715,0.1965,9\nF,0.575,0.475,0.16,0.895,0.3605,0.221,0.271, 9\nM,0.575,0.45,0.155,0.886,0.3605,0.211,0.2575,9\nI,0.58,0.46,0.14,0.9265,0.4 135,0.1845,0.27,10\nI,0.58,0.46,0.14,0.8295,0.3915,0.165,0.238,10\nI,0.58,0.4  $7,0.15,0.907,0.444,0.1855,0.2445,11\nm,0.58,0.47,0.165,1.041,0.54,0.166,0.279,$ 9\nf,0.585,0.465,0.165,0.9355,0.4035,0.2275,0.259,9\nf,0.585,0.46,0.165,1.058, 0.486,0.25,0.294,9\nF,0.595,0.465,0.145,0.7955,0.3425,0.1795,0.2425,10\nF,0.6,  $0.47, 0.17, 1.0805, 0.4995, 0.2245, 0.3205, 9 \nM, 0.6, 0.47, 0.15, 0.928, 0.4225, 0.183, 0.$ 275,8\nF,0.6,0.475,0.155,1.059,0.441,0.19,0.39,11\nM,0.6,0.475,0.23,1.157,0.52 2,0.2235,0.36,11\nf,0.6,0.475,0.17,1.088,0.4905,0.2475,0.31,10\nf,0.6,0.485,0.

145,0.776,0.3545,0.1585,0.239,9\nF,0.62,0.48,0.165,1.043,0.4835,0.221,0.31,10 \nM, 0.625, 0.48, 0.16, 1.1415, 0.5795, 0.2145, 0.29, 9\nF, 0.625, 0.475, 0.16, 1.3335, 0.6  $05, 0.2875, 0.319, 10 \\ 10, 0.625, 0.5, 0.175, 1.273, 0.564, 0.302, 0.374, 9 \\ 10, 0.625, 0.49$  $0.165, 1.1835, 0.517, 0.2375, 0.39, 11 \\ nm, 0.625, 0.485, 0.16, 1.2135, 0.631, 0.2235, 0.30, 0.165, 0.16$  $0.657, 0.3055, 0.365, 10 \\ 10, 0.65, 0.515, 0.185, 1.3745, 0.75, 0.1805, 0.369, 12 \\ 12, 0.65,$ 0.515,0.18,1.463,0.658,0.3135,0.4115,11\nF,0.65,0.52,0.195,1.6275,0.689,0.390 5,0.432,11\nF,0.65,0.475,0.165,1.3875,0.58,0.3485,0.3095,9\nM,0.655,0.525,0.1 6,1.46,0.686,0.311,0.405,11\nf,0.655,0.53,0.165,1.2835,0.583,0.1255,0.4,8\nf, 0.66,0.5,0.155,1.3765,0.6485,0.288,0.335,12\nM,0.66,0.515,0.2,1.6465,0.749,0.4 22,0.401,11\nM,0.675,0.515,0.145,1.265,0.6025,0.299,0.325,10\nM,0.685,0.53,0.1 7,1.56,0.647,0.383,0.465,11\nM,0.715,0.52,0.18,1.6,0.708,0.3525,0.445,12\nM,0.  $735, 0.555, 0.22, 2.333, 1.2395, 0.3645, 0.6195, 12 \nI, 0.175, 0.125, 0.04, 0.028, 0.0095,$ 0.008,0.009,4\nI,0.37,0.285,0.095,0.226,0.1135,0.0515,0.0675,8\nI,0.395,0.3,0. 09,0.2855,0.1385,0.0625,0.077,5\nI,0.42,0.325,0.11,0.325,0.1245,0.0755,0.1025, 7\n1,0.455,0.37,0.11,0.514,0.2385,0.1235,0.126,8\n1,0.495,0.375,0.115,0.5755, 0.31,0.1145,0.1395,8\nF,0.51,0.375,0.11,0.5805,0.2865,0.118,0.148,7\nM,0.515,  $0.39, 0.14, 0.678, 0.341, 0.1325, 0.119, 8 \ nM, 0.545, 0.43, 0.155, 0.8035, 0.409, 0.144, 0.$ 228,7\nF,0.555,0.405,0.12,0.913,0.4585,0.196,0.2065,9\nM,0.58,0.45,0.16,0.867  $5,0.3935,0.221,0.215,9 \\ nF,0.59,0.465,0.17,1.0425,0.4635,0.24,0.27,10 \\ nM,0.6,0.$ 46,0.18,1.14,0.423,0.2575,0.365,10\nF,0.61,0.49,0.17,1.3475,0.7045,0.25,0.304 5,11\nM,0.615,0.475,0.155,1.0735,0.4375,0.2585,0.31,11\nM,0.615,0.475,0.19,1.4 335,0.7315,0.305,0.3285,9\nM,0.615,0.495,0.2,1.304,0.5795,0.3115,0.371,14\nM,  $0.62, 0.46, 0.16, 0.9505, 0.4915, 0.2, 0.228, 9 \ nM, 0.63, 0.515, 0.17, 1.385, 0.6355, 0.295$ 5,0.38,11\nF,0.64,0.5,0.17,1.12,0.4955,0.2645,0.32,12\nF,0.64,0.5,0.17,1.2645, 0.565,0.3375,0.315,9\nF,0.655,0.455,0.17,1.275,0.583,0.303,0.333,8\nM,0.655,0.  $505, 0.165, 1.27, 0.6035, 0.262, 0.335, 10 \nM, 0.66, 0.53, 0.175, 1.583, 0.7395, 0.3505, 0.$ 405,10\nF,0.665,0.5,0.175,1.4355,0.643,0.345,0.37,9\nF,0.67,0.525,0.195,1.42,  $0.573, 0.368, 0.3905, 10 \nM, 0.69, 0.53, 0.19, 1.5955, 0.678, 0.331, 0.48, 10 \nM, 0.715, 0.678,$ 525,0.2,1.89,0.95,0.436,0.4305,10\nf,0.735,0.565,0.225,2.037,0.87,0.5145,0.567 5,13\nI,0.27,0.205,0.05,0.084,0.03,0.0185,0.029,6\nI,0.285,0.225,0.07,0.1005, 0.0425,0.0185,0.035,7\nI,0.295,0.22,0.085,0.1285,0.0585,0.027,0.0365,5\nI,0.3,  $0.225, 0.075, 0.1345, 0.057, 0.028, 0.044, 5 \nI, 0.3, 0.22, 0.065, 0.1195, 0.052, 0.0155,$  $0.035,5 \\ nI, 0.36, 0.265, 0.085, 0.1895, 0.0725, 0.0515, 0.055, 6 \\ nI, 0.37, 0.275, 0.095,$ 0.257,0.1015,0.055,0.0825,6\nI,0.39,0.29,0.09,0.2745,0.135,0.0455,0.078,8\nI, 0.435,0.325,0.1,0.342,0.1335,0.0835,0.105,6\nI,0.44,0.34,0.105,0.344,0.123,0.0 81,0.125,8\nI,0.44,0.32,0.095,0.3275,0.1495,0.059,0.1,8\nI,0.445,0.345,0.12,0. 4035,0.169,0.0825,0.13,7\nI,0.465,0.37,0.115,0.4075,0.1515,0.0935,0.1455,9\nI, 0.465,0.355,0.12,0.4975,0.2375,0.099,0.14,8\nI,0.47,0.345,0.12,0.3685,0.1525,  $0.0615, 0.125, 8 \ln 1, 0.475, 0.365, 0.105, 0.4175, 0.1645, 0.099, 0.127, 7 \ln 1, 0.475, 0.33$ 5,0.1,0.4425,0.1895,0.086,0.135,9\nI,0.475,0.35,0.125,0.4225,0.1905,0.079,0.13 55,9\nI,0.485,0.365,0.125,0.426,0.163,0.0965,0.151,8\nI,0.49,0.39,0.12,0.511, 0.2205, 0.103, 0.1745, 9nI, 0.515, 0.405, 0.13, 0.573, 0.213, 0.134, 0.195, 9nI, 0.52, 0.134, 0.195, 9nI, 0.154,415,0.14,0.6385,0.2945,0.1405,0.171,8\nI,0.525,0.405,0.125,0.657,0.2985,0.150 5,0.168,10\nf,0.525,0.425,0.14,0.8735,0.4205,0.182,0.2225,10\nI,0.53,0.425,0.1 3,0.781,0.3905,0.2005,0.215,9\nI,0.53,0.42,0.14,0.6765,0.256,0.1855,0.208,9\n M, 0.53, 0.41, 0.125, 0.769, 0.346, 0.173, 0.215, 9\nI, 0.53, 0.395, 0.125, 0.6235, 0.2975,  $0.108, 0.195, 11 \\ nM, 0.535, 0.405, 0.14, 0.7315, 0.336, 0.156, 0.19, 7 \\ nI, 0.535, 0.45, 0.1$  $55,0.8075,0.3655,0.148,0.2595,10\nM,0.545,0.41,0.14,0.737,0.349,0.15,0.212,9\n$ F,0.545,0.41,0.125,0.654,0.2945,0.1315,0.205,10\nI,0.55,0.415,0.15,0.7915,0.35  $35,0.176,0.236,10 \nI,0.55,0.45,0.14,0.753,0.3445,0.1325,0.24,8 \nI,0.55,0.4,0.1$ 35,0.717,0.3315,0.1495,0.221,9 nI,0.555,0.43,0.15,0.783,0.345,0.1755,0.247,9 $I, 0.575, 0.45, 0.145, 0.872, 0.4675, 0.18, 0.217, 9 \setminus II, 0.575, 0.44, 0.15, 0.983, 0.486, 0.$ 215,0.239,8\nF,0.585,0.42,0.155,1.034,0.437,0.2225,0.32,11\nF,0.585,0.465,0.14 5,0.9855,0.4325,0.2145,0.2845,10\nI,0.585,0.46,0.14,0.7635,0.326,0.153,0.265,9 \nM, 0.59, 0.465, 0.135, 0.9895, 0.4235, 0.199, 0.28, 8\nI, 0.595, 0.47, 0.135, 0.9365, 0.4 34,0.184,0.287,10\nf,0.595,0.44,0.135,0.964,0.5005,0.1715,0.2575,10\nf,0.595, 0.46,0.155,1.0455,0.4565,0.24,0.3085,10\nf,0.595,0.45,0.165,1.081,0.49,0.2525,  $0.279,12\nM,0.6,0.47,0.16,1.012,0.441,0.2015,0.305,10\nF,0.6,0.5,0.16,1.122,0.$ 5095,0.256,0.309,10\nM,0.605,0.49,0.165,1.1245,0.492,0.222,0.3555,11\nF,0.605,  $0.49, 0.15, 1.1345, 0.4305, 0.2525, 0.35, 10 \nM, 0.61, 0.45, 0.19, 1.0805, 0.517, 0.2495,$ 0.2935,10\nF,0.61,0.495,0.165,1.0835,0.4525,0.273,0.317,9\nM,0.615,0.47,0.175,  $1.242, 0.5675, 0.287, 0.317, 11 \nM, 0.62, 0.5, 0.18, 1.3915, 0.726, 0.2795, 0.332, 11 \nM,$ 0.62,0.525,0.155,1.085,0.454,0.1965,0.35,10\nI,0.62,0.47,0.155,0.966,0.447,0.1 71,0.284,11\nM,0.62,0.48,0.165,1.0855,0.481,0.2575,0.305,10\nF,0.625,0.485,0.1 35,1.3025,0.61,0.2675,0.3605,14\nI,0.625,0.485,0.16,1.15,0.5255,0.257,0.3315,1 1\nI,0.63,0.49,0.17,1.217,0.5515,0.212,0.31,11\nF,0.63,0.505,0.195,1.306,0.51 6,0.3305,0.375,9\nM,0.64,0.5,0.175,1.273,0.5065,0.2925,0.405,13\nM,0.645,0.51,  $0.19, 1.4865, 0.6445, 0.296, 0.425, 12 \nM, 0.65, 0.52, 0.17, 1.3655, 0.6155, 0.2885, 0.36,$ 

 $11\nM, 0.65, 0.495, 0.17, 1.276, 0.6215, 0.2305, 0.399, 11\nM, 0.65, 0.495, 0.16, 1.2075,$  $0.55, 0.2695, 0.32, 10 \\ \text{nf}, 0.65, 0.52, 0.195, 1.281, 0.5985, 0.246, 0.3825, 10 \\ \text{nm}, 0.65, 0.$  $525, 0.205, 1.4275, 0.69, 0.306, 0.4355, 13 \\ 13, 0.65, 0.51, 0.175, 1.155, 0.4955, 0.2025,$  $0.385, 12 \\ \mathsf{nF}, 0.65, 0.51, 0.175, 1.35, 0.575, 0.3155, 0.3885, 10 \\ \mathsf{nM}, 0.65, 0.525, 0.19, 1.35, 0.515, 0.385, 10 \\ \mathsf{nM}, 0.65, 0.525, 0.19, 1.35, 0.515, 0.385, 10 \\ \mathsf{nM}, 0.65, 0.525, 0.19, 1.35, 0.515, 0.385, 0.385, 10 \\ \mathsf{nM}, 0.65, 0.525, 0.19, 1.35, 0.515, 0.385, 0.$  $685, 0.5975, 0.296, 0.4, 11 \\ 11 \\ 17, 0.66, 0.53, 0.17, 1.431, 0.622, 0.309, 0.398, 10 \\ 10 \\ 10, 0.66, 0.53, 0.17, 0.66, 0.622, 0.309, 0.398, 0.3$  $0.51, 0.18, 1.261, 0.5, 0.2335, 0.339, 10 \\ \mathsf{nf}, 0.665, 0.54, 0.195, 1.764, 0.8505, 0.3615, 0.66$ 47,11\nF,0.67,0.51,0.155,1.278,0.5605,0.3045,0.358,11\nM,0.67,0.54,0.195,1.21 7,0.532,0.2735,0.3315,11\nF,0.67,0.54,0.2,1.46,0.6435,0.328,0.4165,9\nF,0.675,  $0.535, 0.185, 1.5575, 0.7035, 0.402, 0.4, 11 \nM, 0.675, 0.51, 0.17, 1.527, 0.809, 0.318, 0.$ 341,11\nF,0.675,0.53,0.195,1.4985,0.62,0.375,0.425,9\nM,0.685,0.55,0.19,1.885,  $0.89, 0.41, 0.4895, 10 \nm, 0.685, 0.535, 0.175, 1.432, 0.637, 0.247, 0.46, 11 \nm, 0.705, 0.637,$ 55,0.21,1.4385,0.655,0.3255,0.462,11\nf,0.705,0.53,0.17,1.564,0.612,0.394,0.4 4,10\nM,0.71,0.555,0.175,2.14,1.2455,0.3725,0.434,11\nF,0.725,0.56,0.185,1.79 2,0.873,0.367,0.435,11\nM,0.78,0.6,0.21,2.548,1.1945,0.5745,0.6745,11\nI,0.23 5,0.13,0.075,0.1585,0.0685,0.037,0.0465,5\nI,0.35,0.25,0.1,0.4015,0.1725,0.06  $3,0.1255,7 \\ nI,0.36,0.25,0.115,0.465,0.21,0.1055,0.128,7 \\ nI,0.38,0.28,0.095,0.095,0.$  $885, 0.165, 0.0435, 0.067, 7 \ nF, 0.38, 0.32, 0.115, 0.6475, 0.323, 0.1325, 0.164, 7 \ nM, 0.48, 0.165, 0.165, 0.0435, 0.067, 0.0435, 0.067, 0.0435, 0.0435, 0.067, 0.0435, 0.0455,$  $3,0.31,0.13,0.6485,0.2735,0.163,0.184,9 \ nI,0.465,0.36,0.105,0.452,0.22,0.159,$ 0.1035,9\nI,0.47,0.355,0.12,0.4915,0.1765,0.1125,0.1325,9\nF,0.485,0.365,0.15,  $0.9145, 0.4145, 0.199, 0.273, 7 \ nM, 0.495, 0.375, 0.155, 0.976, 0.45, 0.2285, 0.2475, 9 \ nM, 0.495, 0.414$ I,0.5,0.395,0.145,0.7865,0.332,0.1815,0.2455,8\nM,0.505,0.4,0.15,0.775,0.3445,  $0.157, 0.185, 7 \ln 1, 0.51, 0.375, 0.15, 0.8415, 0.3845, 0.156, 0.255, 10 \ln 0.51, 0.38, 0.1$ 35,0.681,0.3435,0.142,0.17,9 \nm, 0.515,0.37,0.115,0.6145,0.3415,0.155,0.146,9 \n  $\texttt{F,0.55,0.415,0.18,1.1655,0.502,0.301,0.311,9} \\ \texttt{nF,0.575,0.42,0.19,1.764,0.914$  $377,0.4095,10\nM,0.605,0.455,0.16,1.1215,0.533,0.273,0.271,10\nM,0.615,0.505,$  $0.165, 1.167, 0.4895, 0.2955, 0.345, 10 \\ 10, 0.615, 0.475, 0.15, 1.0375, 0.476, 0.2325, 0.2$ 83,9\nM,0.625,0.48,0.18,1.223,0.565,0.2975,0.3375,10\nM,0.625,0.47,0.15,1.124,  $0.556, 0.2315, 0.287, 9 \\ \mathsf{nF}, 0.635, 0.505, 0.17, 1.2635, 0.512, 0.322, 0.355, 9 \\ \mathsf{nF}, 0.65, 0.005,$  $525, 0.165, 1.238, 0.647, 0.2485, 0.3005, 9 \\ \mathsf{nF}, 0.65, 0.5, 0.17, 1.4045, 0.694, 0.318, 0.328,$  $35,11\nF,0.67,0.525,0.195,1.37,0.6065,0.2955,0.407,12\nF,0.695,0.525,0.205,1.8$ 185, 0.819, 0.4025, 0.4525, 13 13 13 13 14 15 15 15 16 15 16 16 16 16 17 16 17 17 17 18 \nI,0.275,0.205,0.065,0.101,0.041,0.021,0.034,5\nI,0.285,0.205,0.07,0.106,0.03 9,0.0285,0.034,5\nI,0.36,0.265,0.085,0.1865,0.0675,0.037,0.0615,7\nI,0.385,0.2 9,0.1,0.2575,0.1,0.061,0.086,6\nI,0.4,0.315,0.1,0.3225,0.143,0.0735,0.091,6\n  $I, 0.43, 0.33, 0.095, 0.32, 0.118, 0.065, 0.123, 7 \setminus II, 0.435, 0.375, 0.11, 0.4155, 0.17, 0.00$ 76,0.145,8\nI,0.45,0.335,0.115,0.3935,0.195,0.071,0.11,7\nI,0.475,0.355,0.135, 0.4775,0.2145,0.09,0.1435,8\nI,0.475,0.36,0.11,0.452,0.191,0.099,0.13,8\nI,0.4 85,0.37,0.14,0.5065,0.2425,0.088,0.1465,8\nI,0.51,0.395,0.105,0.5525,0.234,0.1  $27,0.165,8 \times 1,0.515,0.39,0.12,0.565,0.235,0.135,0.179,9 \times 1,0.52,0.41,0.14,0.69$ 9,0.3395,0.129,0.1945,10\nI,0.525,0.4,0.14,0.6055,0.2605,0.108,0.21,9\nM,0.53,  $0.425, 0.155, 0.7905, 0.307, 0.171, 0.2595, 9 \ nM, 0.53, 0.425, 0.13, 0.702, 0.2975, 0.139$ 5,0.22,9\nM,0.53,0.42,0.135,0.675,0.294,0.156,0.1825,10\nI,0.53,0.395,0.115,0. 475,0.2025,0.101,0.148,8\nI,0.53,0.41,0.15,0.612,0.2435,0.1525,0.1895,11\nI,0. 535,0.4,0.145,0.705,0.3065,0.1365,0.22,10\nI,0.535,0.45,0.135,0.728,0.2845,0.1 845,0.265,9\nF,0.555,0.44,0.14,0.846,0.346,0.1715,0.2735,10\nM,0.555,0.46,0.1 6,0.86,0.3345,0.1935,0.275,10\nM,0.56,0.465,0.145,0.8875,0.3345,0.22,0.2695,9 \nF,0.56,0.43,0.145,0.898,0.3895,0.2325,0.245,9\nI,0.565,0.43,0.125,0.6545,0.2 815, 0.139, 0.21, 9 nI, 0.575, 0.45, 0.145, 0.795, 0.364, 0.1505, 0.26, <math>10 nM, 0.575, 0.465,0.12,1.0535,0.516,0.2185,0.235,9\nF,0.575,0.46,0.15,0.927,0.333,0.207,0.298 5,9\nI,0.58,0.42,0.14,0.701,0.3285,0.102,0.2255,9\nM,0.58,0.45,0.155,0.8275,0. 321,0.1975,0.2445,8\nF,0.585,0.42,0.155,0.9845,0.442,0.2155,0.2875,13\nM,0.58 5,0.47,0.145,0.9565,0.4025,0.2365,0.265,9\nI,0.59,0.45,0.125,0.86,0.437,0.151 5,0.245,9 \nM, 0.595,0.48,0.185,1.1785,0.526,0.2975,0.314,10 \nM, 0.615,0.48,0.185,1.2205,0.4985,0.315,0.33,10\nM,0.615,0.455,0.13,0.9685,0.49,0.182,0.2655,10 \nF,0.62,0.5,0.175,1.107,0.4895,0.24,0.343,11\nI,0.62,0.48,0.18,1.1305,0.5285,  $0.2655, 0.306, 12 \\ 12 \\ 12 \\ 10.62, 0.48, 0.155, 1.2555, 0.527, 0.374, 0.3175, 11 \\ 11 \\ 11 \\ 10M, 0.625, 0.49$ 5,0.155,1.177,0.5055,0.278,0.345,9\nM,0.625,0.5,0.185,1.2425,0.5995,0.248,0.33 5,10\nM,0.63,0.49,0.16,1.09,0.407,0.224,0.354,12\nF,0.63,0.475,0.15,1.072,0.43 3,0.2975,0.315,8\nf,0.645,0.51,0.155,1.129,0.5015,0.24,0.342,10\nf,0.65,0.505,  $0.175, 1.2075, 0.5105, 0.262, 0.39, 10 \ nF, 0.65, 0.495, 0.175, 1.227, 0.528, 0.258, 0.37, 1$ 1\nf,0.655,0.52,0.175,1.472,0.6275,0.27,0.45,13\nf,0.665,0.525,0.18,1.5785,0.6  $78, 0.229, 0.456, 14 \nM, 0.67, 0.52, 0.175, 1.4755, 0.6275, 0.379, 0.374, 10 \nM, 0.675, 0.52$ 4,0.175,1.5545,0.6645,0.278,0.512,12\nF,0.675,0.54,0.21,1.593,0.686,0.318,0.4 5,11\nM,0.695,0.58,0.2,1.8995,0.675,0.478,0.5295,13\nF,0.695,0.535,0.175,1.36  $1,0.5465,0.2815,0.465,10 \nf,0.705,0.56,0.17,1.4575,0.607,0.318,0.44,11 \nm,0.705,0.5465,0.2815,0.44,11 \nm,0.705,0.5465,0.2815,0.44,11 \nm,0.705,0.5465,0.2815,0.445,11 \nm,0.705$ 4,0.58,0.205,2.381,0.8155,0.4695,0.488,12\nI,0.205,0.155,0.045,0.0495,0.0235, 0.011,0.014,3\nI,0.305,0.23,0.075,0.1455,0.0595,0.0305,0.05,6\nI,0.32,0.23,0.0  $6,0.129,0.0615,0.0275,0.0355,7 \nI,0.355,0.27,0.1,0.2255,0.11,0.042,0.064,7 \nM,$ 0.425, 0.305, 0.11, 0.359, 0.173, 0.0875, 0.0975, 9 nI, 0.425, 0.31, 0.095, 0.3505, 0.164

5,0.071,0.1,8\nF,0.45,0.365,0.115,0.5885,0.318,0.121,0.1325,8\nM,0.515,0.385,  $0.13, 0.623, 0.2855, 0.1285, 0.175, 10 \nf, 0.52, 0.375, 0.135, 0.5375, 0.221, 0.117, 0.17, 0.17, 0.17, 0.17, 0.18, 0.$  $8\n1, 0.525, 0.4, 0.125, 0.5655, 0.2435, 0.119, 0.175, 8\nM, 0.555, 0.445, 0.13, 0.8625, 0.2435, 0.119, 0.175, 0$ 4225,0.155,0.24,9\nF,0.61,0.49,0.17,1.137,0.4605,0.2825,0.344,12\nI,0.35,0.26,  $0.095, 0.221, 0.0985, 0.043, 0.07, \\ 8 \\ \text{nI}, 0.38, 0.275, 0.095, 0.2425, 0.106, 0.0485, 0.21, 600, 0.21, 600,$ \nI,0.46,0.34,0.1,0.386,0.1805,0.0875,0.0965,8\nM,0.465,0.355,0.12,0.5315,0.27 25,0.097,0.1395,8\nM,0.475,0.385,0.12,0.562,0.289,0.0905,0.153,8\nM,0.565,0.44 5,0.14,0.836,0.406,0.1605,0.2245,9\nM,0.57,0.45,0.14,0.9275,0.477,0.1605,0.251 5,8\nM,0.57,0.44,0.145,0.8815,0.3605,0.1955,0.2735,10\nM,0.595,0.46,0.155,1.0 3,0.4275,0.207,0.3305,10\nF,0.605,0.48,0.175,1.1685,0.4815,0.2305,0.356,9\nF,  $0.615, 0.455, 0.135, 1.059, 0.4735, 0.263, 0.274, 9 \ M, 0.62, 0.46, 0.17, 1.127, 0.535, 0.283, 0.294, 0.495, 0.$ 635,0.296,7\nM,0.625,0.47,0.17,1.1665,0.4605,0.2565,0.3945,11\nF,0.68,0.52,0.1 85,1.541,0.5985,0.395,0.4575,10\nM,0.68,0.54,0.195,1.7825,0.5565,0.3235,0.428  $5,11\nM,0.68,0.52,0.175,1.543,0.7525,0.351,0.374,11\nF,0.71,0.555,0.17,1.47,0.$ 5375,0.38,0.431,12\nM,0.5,0.385,0.12,0.6335,0.2305,0.125,0.235,14\nF,0.545,0.4  $2,0.175,0.754,0.256,0.1775,0.275,10 \setminus nF,0.46,0.365,0.115,0.4485,0.165,0.083,0.1$  $7,14 \times 0.535, 0.41, 0.15, 0.8105, 0.345, 0.187, 0.24, 11 \times 0.335, 0.26, 0.075, 0.22, 0.26, 0.075, 0.22, 0.26, 0.075, 0.22, 0.26, 0.075, 0.22, 0.26, 0.075, 0.22, 0.26, 0.075, 0.22, 0.26, 0.075, 0.22, 0.26, 0.075, 0.22, 0.26, 0.075, 0.22, 0.26, 0.075, 0.22, 0.26, 0.075, 0.22, 0.26, 0.075, 0.22, 0.26, 0.075, 0.22, 0.26, 0.075, 0.22, 0.26, 0.075, 0.22, 0.26, 0$  $0855, 0.04, 0.085, 6 \\ nF, 0.425, 0.35, 0.1, 0.4425, 0.175, 0.0755, 0.175, 7 \\ nM, 0.41, 0.325, 0.175, 0.0755, 0.175, 0.0755, 0.175, 0.0755, 0.175, 0.0755, 0.175, 0.0755, 0.175, 0.0755, 0.$ 0.1, 0.3555, 0.146, 0.072, 0.105, 9 nI, 0.17, 0.105, 0.035, 0.034, 0.012, 0.0085, 0.005, 4\nI,0.335,0.25,0.095,0.185,0.0795,0.0495,0.055,8\nM,0.52,0.425,0.125,0.79,0.37 2,0.205,0.19,8\nF,0.53,0.41,0.145,0.8255,0.375,0.204,0.245,9\nM,0.5,0.42,0.12 5,0.62,0.255,0.15,0.205,11\nf,0.615,0.475,0.145,0.9525,0.3915,0.195,0.32,9\nM,  $0.575, 0.45, 0.16, 0.955, 0.44, 0.1685, 0.27, 16 \nM, 0.57, 0.45, 0.155, 0.91, 0.326, 0.189$ 5,0.355,14\nM,0.455,0.35,0.105,0.416,0.1625,0.097,0.145,11\nI,0.37,0.275,0.08 5,0.2045,0.096,0.056,0.08,6\nM,0.445,0.37,0.125,0.515,0.2495,0.087,0.159,9\nF,  $0.675, 0.535, 0.22, 1.604, 0.6175, 0.4255, 0.453, 14 \nM, 0.385, 0.3, 0.115, 0.3435, 0.164$ 5,0.085,0.1025,6\nf,0.375,0.295,0.11,0.3005,0.1255,0.0575,0.1035,7\nM,0.56,0.4  $4, 0.13, 0.8255, 0.2425, 0.202, 0.285, 10 \\ \\ 10 \\ \\ 10, 0.55, 0.41, 0.15, 0.785, 0.282, 0.186, 0.275, \\ \\ 10 \\$ 12\nF,0.57,0.465,0.155,0.9685,0.446,0.261,0.255,9\nF,0.485,0.4,0.155,0.731,0.2  $36, 0.183, 0.255, 11\\ \\ 11\\ \\ 10.335, 0.115, 0.4405, 0.19, 0.085, 0.135, \\ 8\\ \\ 11, 0.335, 0.25$ 5,0.085,0.1785,0.071,0.0405,0.055,9nM,0.655,0.515,0.2,1.373,0.443,0.3375,0.49,16\nF,0.565,0.45,0.165,0.9765,0.322,0.244,0.37,12\nF,0.57,0.44,0.19,1.018,0. 447,0.207,0.265,9\nF,0.55,0.465,0.15,1.082,0.3575,0.194,0.19,14\nF,0.63,0.475,  $0.175, 1.423, 0.4155, 0.3385, 0.49, 14 \nM, 0.475, 0.37, 0.125, 0.655, 0.266, 0.1725, 0.18$ 5,10\nF,0.655,0.5,0.18,1.4155,0.508,0.314,0.445,18\nI,0.32,0.235,0.065,0.1385, 0.058,0.0225,0.05,5\nM,0.525,0.395,0.165,0.782,0.285,0.1405,0.285,19\nF,0.525,  $0.43, 0.165, 0.717, 0.289, 0.1745, 0.195, 10 \nf, 0.5, 0.39, 0.13, 0.6355, 0.2505, 0.1635,$  $0.195,15 \ln F, 0.44, 0.34, 0.135, 0.3975, 0.1505, 0.0945, 0.135,8 \ln F, 0.49, 0.385, 0.16, 0.$  $656, 0.2455, 0.171, 0.205, 9 \nM, 0.545, 0.44, 0.165, 0.744, 0.2875, 0.204, 0.25, 15 \nF, 0.44, 0.2875, 0.204, 0.2875, 0.204, 0.25, 15 \nF, 0.245,$  $5,0.36,0.11,0.447,0.203,0.082,0.13,12 \ nF,0.515,0.4,0.115,0.578,0.191,0.1445,0.$ 17,9\nI,0.33,0.25,0.075,0.1405,0.056,0.035,0.05,5\nF,0.525,0.41,0.15,0.708,0.2 74,0.151,0.25,12\nM,0.295,0.225,0.09,0.1385,0.048,0.046,0.05,9\nM,0.545,0.45, 0.16,0.8615,0.2925,0.1545,0.365,16\nF,0.645,0.5,0.225,1.626,0.587,0.4055,0.41, 15\nM, 0.45, 0.355, 0.115, 0.478, 0.18, 0.1185, 0.155, 10\nF, 0.61, 0.49, 0.17, 1.1775, 0.5 655,0.2385,0.295,15\nI,0.38,0.3,0.1,0.286,0.1305,0.056,0.09,7\nF,0.565,0.455,  $0.13, 1.058, 0.439, 0.2645, 0.3, 10 \nF, 0.67, 0.545, 0.16, 1.5415, 0.5985, 0.2565, 0.495, 1$ 5\nM,0.54,0.425,0.12,0.817,0.2945,0.153,0.195,10\nI,0.29,0.225,0.075,0.152,0.0 71,0.059,0.045,9\nI,0.41,0.33,0.105,0.335,0.1525,0.074,0.11,7\nF,0.46,0.375,0. 12,0.4915,0.2205,0.088,0.17,7 nF,0.56,0.44,0.155,0.9705,0.4315,0.263,0.255,9 nF,0.263,0.255,9 nF,0.263,0.263,0.255,9 nF,0.263,0.263,0.263,0.255,9 nF,0.263,0.260 $F, 0.575, 0.45, 0.1, 0.9315, 0.431, 0.222, 0.235, 12 \nM, 0.62, 0.5, 0.2, 1.221, 0.4605, 0.26$ 3,0.43,12\nM,0.515,0.4,0.14,0.7365,0.2955,0.184,0.185,16\nF,0.56,0.46,0.18,0.9 7,0.342,0.196,0.355,12\nF,0.5,0.4,0.15,0.8085,0.273,0.112,0.295,13\nI,0.435,0.  $355, 0.125, 0.4075, 0.1535, 0.074, 0.165, 9 \times 0.000, 0.38, 0.135, 0.6295, 0.263, 0.1425, 0.000, 0.$  $0.215,12\nF,0.595,0.5,0.18,1.053,0.4405,0.192,0.39,13\nM,0.76,0.575,0.19,1.82$ 9,0.7035,0.386,0.56,14\nf,0.615,0.5,0.165,1.1765,0.488,0.244,0.345,17\nf,0.56 5,0.46,0.15,0.8765,0.3455,0.1925,0.275,10\nI,0.14,0.105,0.035,0.0145,0.005,0.0 035,0.005,4\nM,0.445,0.345,0.14,0.476,0.2055,0.1015,0.1085,15\nF,0.525,0.43,0. 125,0.813,0.3315,0.166,0.1775,12\nI,0.16,0.12,0.02,0.018,0.0075,0.0045,0.005,4 \nm, 0.635, 0.48, 0.235, 1.064, 0.413, 0.228, 0.36, 16\nm, 0.575, 0.47, 0.165, 0.853, 0.29 2,0.179,0.35,16\nM,0.38,0.27,0.095,0.219,0.0835,0.0515,0.07,6\nM,0.245,0.18,0. 065,0.0635,0.0245,0.0135,0.02,4\nI,0.48,0.39,0.15,0.6275,0.276,0.134,0.185,13 \nI,0.455,0.365,0.135,0.441,0.1515,0.1165,0.145,9\nF,0.455,0.375,0.125,0.458,  $0.1985, 0.111, 0.12, 10 \nM, 0.455, 0.355, 0.135, 0.4745, 0.1865, 0.0935, 0.168, 13 \nI, 0.3$ 55,0.27,0.1,0.216,0.083,0.037,0.075,10\nI,0.52,0.405,0.14,0.6765,0.2865,0.146,  $0.205,15\nI,0.54,0.4,0.145,0.757,0.315,0.181,0.215,11\nI,0.52,0.39,0.14,0.732$ 5,0.2415,0.144,0.26,19\nI,0.56,0.445,0.165,1.0285,0.4535,0.253,0.275,11\nF,0.5 2,0.41,0.16,0.712,0.2845,0.153,0.225,10\nI,0.615,0.46,0.19,1.066,0.4335,0.226,  $0.33,13\nf,0.645,0.49,0.19,1.3065,0.479,0.3565,0.345,18\ni,0.565,0.43,0.135,0.$  $8545, 0.321, 0.1775, 0.275, 11 \times 0.295, 0.23, 0.085, 0.125, 0.042, 0.0285, 0.043, 8 \times 0.085, 0.085$ 

0.375,0.28,0.095,0.2225,0.0875,0.043,0.08,10\nI,0.525,0.4,0.14,0.6955,0.2405,  $0.16, 0.253, 10 \times 0.395, 0.28, 0.08, 0.266, 0.0995, 0.066, 0.09, 12 \times 0.165,$ 0.7105,0.27,0.1455,0.225,20\nF,0.47,0.35,0.115,0.487,0.1955,0.127,0.155,8\nI,  $0.58, 0.42, 0.16, 0.728, 0.2725, 0.19, 0.19, 14 \\ \ln I, 0.5, 0.38, 0.155, 0.6675, 0.2745, 0.156, 0.166, 0.$ 6,0.18,12\nI,0.725,0.55,0.22,2.0495,0.7735,0.4405,0.655,10\nF,0.65,0.515,0.21 5,1.498,0.564,0.323,0.425,16 nf,0.67,0.535,0.185,1.597,0.6275,0.35,0.47,21 nI,0.67,0.535,0.185,1.597,0.6275,0.35,0.47,210.55,0.44,0.165,0.8605,0.312,0.169,0.3,17\nF,0.49,0.37,0.115,0.541,0.171,0.117 5,0.185,11\nI,0.235,0.18,0.06,0.058,0.022,0.0145,0.018,6\nI,0.235,0.175,0.08,  $0.0645, 0.0215, 0.0175, 0.0215, 5 \nM, 0.52, 0.41, 0.115, 0.77, 0.263, 0.157, 0.26, 11 \nF,$  $0.475, 0.4, 0.115, 0.541, 0.186, 0.1025, 0.21, 13 \nM, 0.53, 0.425, 0.11, 0.739, 0.237, 0.16$  $1,0.295,13\nf,0.35,0.275,0.065,0.205,0.0745,0.0465,0.07,10\nM,0.555,0.42,0.14$ 5,0.8695,0.3075,0.2575,0.25,14\nM,0.505,0.39,0.105,0.6555,0.2595,0.18,0.19,11 \nf,0.54,0.44,0.16,1.0905,0.391,0.2295,0.355,15\nf,0.525,0.4,0.115,0.6295,0.25 55,0.144,0.18,11\nM,0.55,0.45,0.175,1.0985,0.3765,0.215,0.4,14\nM,0.55,0.44,0. 16,0.991,0.348,0.168,0.375,20\nI,0.235,0.175,0.065,0.0615,0.0205,0.02,0.019,6 \nM,0.525,0.41,0.165,0.8005,0.2635,0.1985,0.25,13\nM,0.475,0.365,0.14,0.6175, 0.202,0.1445,0.19,16\nF,0.53,0.4,0.165,0.772,0.2855,0.1975,0.23,12\nF,0.525,0. 415,0.15,0.7155,0.2355,0.171,0.27,13\nF,0.53,0.425,0.13,0.717,0.2115,0.166,0.2 55,13\nF,0.465,0.39,0.11,0.6355,0.1815,0.157,0.225,13\nI,0.315,0.235,0.08,0.1 8,0.08,0.045,0.047,5\nI,0.465,0.355,0.12,0.5805,0.255,0.0915,0.184,8\nM,0.485,  $0.385, 0.105, 0.556, 0.296, 0.104, 0.133, 7 \ nI, 0.49, 0.385, 0.12, 0.591, 0.271, 0.1125, 0.$  $1775,9 \\ nF, 0.515, 0.395, 0.14, 0.686, 0.281, 0.1255, 0.22, 12 \\ nF, 0.555, 0.44, 0.155, 1.01$  $6,0.4935,0.1855,0.263,10\nf,0.61,0.5,0.18,1.438,0.5185,0.3735,0.3345,9\nf,0.68$  $8,0.55,0.19,1.807,0.8225,0.3655,0.515,11\nM,0.69,0.55,0.195,1.777,0.769,0.38,$  $0.4305, 11\\ nM, 0.695, 0.55, 0.205, 2.173, 1.133, 0.4665, 0.496, 10\\ nF, 0.72, 0.575, 0.195$  $2.1505, 1.0745, 0.382, 0.585, 10 \nI, 0.27, 0.205, 0.075, 0.118, 0.059, 0.031, 0.0305, 4 \n$  $I, 0.27, 0.19, 0.06, 0.099, 0.0445, 0.017, 0.03, 5 \setminus 11, 0.295, 0.22, 0.07, 0.1365, 0.0575, 0.027, 0.1365, 0.0575, 0.0295, 0.0255, 0$ 0295,0.035,6\nI,0.295,0.22,0.065,0.1295,0.052,0.028,0.035,6\nI,0.315,0.23,0.0 7,0.164,0.0625,0.04,0.045,6\nI,0.375,0.29,0.095,0.2875,0.123,0.0605,0.08,6\nI, 0.38,0.3,0.09,0.277,0.1655,0.0625,0.082,6\nI,0.385,0.285,0.09,0.248,0.0935,0.0 66,0.07,6\nI,0.4,0.295,0.095,0.252,0.1105,0.0575,0.066,6\nM,0.415,0.315,0.12, 0.4015, 0.199, 0.087, 0.097, 80.42,0.32,0.115,0.409,0.2055,0.0935,0.105,8\nI,0.44,0.33,0.135,0.4095,0.163,0.  $1005, 0.119, 6 \ln 1, 0.45, 0.35, 0.135, 0.494, 0.2205, 0.0945, 0.1405, 7 \ln 1, 0.475, 0.35, 0.1$  $2,0.4905,0.2035,0.13,0.135,7 \\ nm,0.485,0.39,0.12,0.599,0.251,0.1345,0.169,8 \\ nm,$  $0.495, 0.375, 0.115, 0.6245, 0.282, 0.143, 0.155, 6 \ nF, 0.525, 0.41, 0.115, 0.7745, 0.416,$  $0.163, 0.18, 7 \\ nM, 0.565, 0.455, 0.15, 0.9795, 0.444, 0.205, 0.275, 8 \\ nI, 0.58, 0.435, 0.1$ 5,0.8915,0.363,0.1925,0.2515,6\nF,0.585,0.45,0.125,0.874,0.3545,0.2075,0.225,6  $\n, 0.6, 0.465, 0.155, 1.262, 0.6245, 0.2455, 0.33, 10\n, 0.63, 0.48, 0.185, 1.21, 0.53,$  $0.2555, 0.322, 11 \\ nF, 0.645, 0.525, 0.17, 1.37, 0.6135, 0.283, 0.34, 10 \\ nF, 0.655, 0.545,$  $0.185, 1.759, 0.6865, 0.313, 0.547, 11 \nM, 0.665, 0.515, 0.165, 1.3855, 0.621, 0.302, 0.34$ 45,8\nF,0.67,0.52,0.195,1.8065,0.758,0.3735,0.5055,11\nM,0.67,0.51,0.2,1.5945,  $0.6705, 0.3845, 0.4505, 10 \nM, 0.685, 0.51, 0.18, 1.4545, 0.6315, 0.3105, 0.3725, 9 \nM, 0.6705, 0.3845, 0.4505, 0.4505, 0.685, 0.51, 0.18, 0.4505, 0.6315, 0.6315, 0.6315, 0.685, 0.$ 7,0.6,0.23,2.003,0.8105,0.4045,0.5755,10\nM,0.72,0.6,0.235,2.2385,0.984,0.411,  $0.621,12\nI,0.185,0.135,0.045,0.032,0.011,0.0065,0.01,4\nI,0.245,0.175,0.055,$  $0.0785, 0.04, 0.018, 0.02, 5 \ nI, 0.315, 0.23, 0, 0.134, 0.0575, 0.0285, 0.3505, 6 \ nI, 0.36, 0.0285, 0.02$ 0.27,0.09,0.2075,0.098,0.039,0.062,6\nI,0.375,0.28,0.08,0.2235,0.115,0.043,0.0 55,6\nI,0.415,0.31,0.095,0.34,0.181,0.057,0.083,6\nI,0.455,0.35,0.135,0.5365, 0.2855,0.0855,0.1325,7\nI,0.48,0.35,0.105,0.635,0.352,0.127,0.135,6\nI,0.485, 0.375, 0.125, 0.562, 0.2505, 0.1345, 0.1525, 85,0.1555,8\nM,0.52,0.395,0.125,0.5815,0.2565,0.1265,0.17,10\nF,0.555,0.43,0.1  $4,0.7545,0.3525,0.1835,0.2015,9 \\ nM,0.585,0.465,0.15,0.98,0.4315,0.2545,0.247,9$ \nf,0.585,0.46,0.15,1.0035,0.503,0.2105,0.2515,11\nM,0.585,0.455,0.155,1.133,  $0.5515, 0.223, 0.305, 12 \\ nM, 0.61, 0.49, 0.16, 1.146, 0.597, 0.246, 0.265, 8 \\ nM, 0.61, 0.47$ 5,0.15,1.142,0.62,0.237,0.245,9 \nm, 0.615,0.53,0.17,1.12,0.5775,0.2095,0.286,9\nf,0.62,0.465,0.14,1.011,0.479,0.2385,0.255,8\nM,0.625,0.505,0.175,1.131,0.54 25,0.2265,0.323,8\nM,0.625,0.48,0.175,1.065,0.4865,0.259,0.285,10\nM,0.635,0.4 8,0.145,1.181,0.665,0.229,0.225,10\nF,0.64,0.525,0.175,1.382,0.646,0.3115,0.3  $7,9 \times 0.66, 0.505, 0.19, 1.4385, 0.6775, 0.285, 0.178, 11 \times 0.66, 0.485, 0.155, 1.227$ 5,0.61,0.274,0.3,8\nM,0.66,0.515,0.155,1.4415,0.7055,0.3555,0.335,10\nF,0.68, 0.55,0.175,1.473,0.713,0.282,0.4295,11\nF,0.69,0.58,0.195,1.658,0.708,0.3615, 0.4715,10\nM,0.72,0.545,0.195,1.7475,0.8215,0.383,0.4705,11\nI,0.275,0.2,0.07, 0.096,0.037,0.0225,0.03,6\nI,0.33,0.245,0.065,0.1445,0.058,0.032,0.0505,6\nI,  $0.33, 0.26, 0.085, 0.1965, 0.0915, 0.0425, 0.055, 7 \ nI, 0.365, 0.28, 0.09, 0.196, 0.0865,$  $0.036, 0.0605, 7 \ln 1, 0.365, 0.27, 0.09, 0.2155, 0.1005, 0.049, 0.0655, 6 \ln 1, 0.42, 0.31, 0.$ 1,0.2805,0.1125,0.0615,0.0925,8\nI,0.435,0.335,0.11,0.334,0.1355,0.0775,0.096  $5,7 \ln 1,0.435,0.325,0.1,0.366,0.174,0.0725,0.109,7 \ln 1,0.44,0.325,0.11,0.4965,0.$ 258,0.1195,0.1075,8\nI,0.485,0.365,0.09,0.651,0.3165,0.132,0.18,8\nI,0.495,0.3  $85, 0.125, 0.5125, 0.2075, 0.1155, 0.172, 10 \nM, 0.51, 0.405, 0.125, 0.6925, 0.327, 0.155,$ 

 $0.1805, 7 \ln 1, 0.52, 0.41, 0.14, 0.5995, 0.242, 0.1375, 0.182, 11 \ln 1, 0.54, 0.42, 0.14, 0.78$ 4,0.3595,0.159,0.1985,8\nI,0.54,0.415,0.155,0.702,0.322,0.167,0.19,10\nI,0.55, 0.445,0.125,0.672,0.288,0.1365,0.21,11\nI,0.56,0.44,0.155,0.811,0.3685,0.178,  $0.235,11\\ \\ 11\\ \\ 17,0.575,0.45,0.12,0.9585,0.447,0.169,0.275,12\\ \\ 12\\ \\ 10.575,0.45,0.15,0.88$  $58, 0.449, 0.166, 0.215, 10 \\ \text{nf}, 0.575, 0.46, 0.165, 0.9575, 0.4815, 0.1945, 0.236, 10 \\ \text{nf}, 0.166$  $0.58, 0.46, 0.135, 0.926, 0.4025, 0.208, 0.275, 8 \\ \mathsf{NF}, 0.58, 0.425, 0.155, 0.873, 0.3615, 0.008, 0.00$ 249,0.239,10\nM,0.59,0.45,0.16,0.998,0.445,0.214,0.301,9\nM,0.6,0.46,0.155,0.6  $655, 0.285, 0.149, 0.269, 11 \\ n\text{M}, 0.62, 0.485, 0.145, 1.003, 0.4655, 0.2195, 0.28, 11 \\ n\text{F}, 0.285, 0.285, 0.2195, 0.28$ 625,0.495,0.16,1.234,0.6335,0.192,0.35,13\nM,0.625,0.495,0.155,1.025,0.46,0.19 45,0.34,9\nM,0.625,0.495,0.175,1.2935,0.5805,0.317,0.355,9\nM,0.625,0.5,0.175,  $1.0565, 0.4615, 0.258, 0.305, 10 \nM, 0.625, 0.47, 0.145, 1.7855, 0.675, 0.247, 0.3245, 13$ \nF,0.625,0.485,0.165,1.2255,0.5075,0.296,0.36,10\nF,0.635,0.5,0.18,1.2565,0.5 39,0.292,0.35,10\nF,0.645,0.5,0.15,1.159,0.4675,0.3355,0.31,9\nM,0.645,0.51,0.  $165, 1.403, 0.5755, 0.2515, 0.4545, 11 \nf, 0.69, 0.535, 0.185, 1.826, 0.797, 0.409, 0.499,$  $11\nF, 0.695, 0.56, 0.185, 1.7715, 0.8195, 0.331, 0.437, 10\nM, 0.515, 0.39, 0.12, 0.6125,$  $0.302, 0.1365, 0.1415, 8 \times 0.545, 0.405, 0.13, 0.658, 0.327, 0.1445, 0.174, 8 \times 0.62, 0.1365, 0.1365, 0.1415$  $0.465, 0.145, 0.911, 0.375, 0.2145, 0.278, 10 \nM, 0.63, 0.49, 0.15, 1.1955, 0.5845, 0.257,$  $0.3,9 \\ \text{nf}, 0.63, 0.515, 0.16, 1.336, 0.553, 0.3205, 0.35, 11 \\ \text{nf}, 0.64, 0.49, 0.18, 1.36, 0.6$ 53,0.347,0.305,9\nI,0.37,0.275,0.08,0.2325,0.093,0.056,0.072,6\nI,0.395,0.31, 0.085,0.317,0.153,0.0505,0.0935,7\nI,0.4,0.3,0.115,0.318,0.1335,0.0725,0.0935, 6\ni,0.41,0.305,0.1,0.2645,0.1,0.0655,0.085,7\ni,0.455,0.335,0.105,0.4055,0.17 5,0.092,0.1185,8\nI,0.48,0.335,0.125,0.524,0.246,0.1095,0.145,7\nI,0.485,0.37 5,0.11,0.464,0.2015,0.09,0.149,8\nI,0.5,0.36,0.12,0.439,0.1875,0.1055,0.1305,8 8,0.1455,0.169,8\nM,0.545,0.45,0.15,0.7805,0.3795,0.1625,0.216,8\nI,0.545,0.4 3,0.14,0.772,0.289,0.19,0.2615,8nI,0.55,0.435,0.125,0.741,0.348,0.1585,0.206, $9\nM, 0.55, 0.43, 0.18, 0.8265, 0.4405, 0.159, 0.225, 10\nM, 0.55, 0.385, 0.13, 0.7275, 0.385, 0.10,$ 43,0.1625,0.19,8\nI,0.555,0.43,0.125,0.7005,0.3395,0.1355,0.2095,8\nM,0.56,0.4  $5, 0.145, 0.9355, 0.425, 0.1645, 0.2725, 11 \nI, 0.565, 0.465, 0.15, 1.1815, 0.581, 0.2215,$  $0.3095, 9 \\ \\ \text{nM}, 0.57, 0.445, 0.16, 1.0145, 0.516, 0.164, 0.3, 10 \\ \\ \text{nF}, 0.575, 0.48, 0.17, 1.1, 0.164, 0.3, 10 \\ \\ \text{nF}, 0.575, 0.48, 0.17, 1.1, 0.164, 0.3, 10 \\ \\ \text{nF}, 0.575, 0.48, 0.17, 1.1, 0.164, 0.3, 10 \\ \\ \text{nF}, 0.575, 0.48, 0.164, 0.164, 0.3, 10 \\ \\ \text{nF}, 0.575, 0.48, 0.164, 0.164, 0.3, 10 \\ \\ \text{nF}, 0.575, 0.48, 0.164, 0.164, 0.164, 0.3, 10 \\ \\ \text{nF}, 0.575, 0.48, 0.164, 0.1$  $0.506, 0.2485, 0.31, 10 \\ 10, 0.585, 0.51, 0.16, 1.218, 0.639, 0.241, 0.3, 11 \\ 10, 0.59, 0.45, 0.51, 0.16, 0.248, 0.639, 0.241, 0.3, 0.59, 0.45, 0.59, 0.45, 0.59, 0.45, 0.59, 0.45, 0.59, 0.45, 0.59, 0.45, 0.59, 0.45, 0.59, 0.45, 0.59, 0.45, 0.59, 0.45, 0.59, 0.45, 0.59, 0.45, 0.59, 0.45, 0.59, 0.45, 0.59, 0.59, 0.45, 0.59, 0.$  $0.155, 0.874, 0.369, 0.2135, 0.24, 8 \setminus 1, 0.595, 0.475, 0.155, 0.984, 0.4865, 0.184, 0.275$  $5,10\nM,0.6,0.47,0.13,1.0105,0.423,0.219,0.298,9\nM,0.61,0.365,0.155,1.0765,0.$ 488,0.249,0.27,9\nM,0.615,0.475,0.205,1.337,0.5995,0.2815,0.37,11\nM,0.625,0.  $5,0.18,1.3705,0.645,0.303,0.3705,12\nF,0.625,0.49,0.19,1.7015,0.7465,0.4105,0.$  $3855,11\nM,0.63,0.485,0.18,1.2435,0.5175,0.308,0.37,11\nM,0.63,0.53,0.175,1.41$ 35,0.667,0.2945,0.3555,13\nf,0.635,0.485,0.155,1.073,0.467,0.1975,0.35,11\nf,  $0.635, 0.5, 0.175, 1.477, 0.684, 0.3005, 0.39, 12 \nM, 0.635, 0.5, 0.18, 1.2915, 0.594, 0.26$ 95,0.37,9\nF,0.65,0.495,0.16,1.3105,0.577,0.3315,0.355,9\nM,0.67,0.525,0.18,1. 4915,0.728,0.343,0.381,9\nF,0.675,0.52,0.175,1.494,0.7365,0.3055,0.37,9\nF,0.6  $75,0.51,0.15,1.1965,0.475,0.304,0.386,11 \nM,0.68,0.545,0.185,1.672,0.7075,0.36$ 4,0.48,11\nM,0.7,0.545,0.215,1.9125,0.8825,0.4385,0.506,10\nF,0.71,0.545,0.17 5,1.907,0.8725,0.4565,0.475,11\nF,0.715,0.565,0.18,1.79,0.844,0.3535,0.5385,9 \nf,0.72,0.59,0.205,1.7495,0.7755,0.4225,0.48,11\nI,0.42,0.305,0.1,0.3415,0.16 45,0.0775,0.086,7\nI,0.48,0.35,0.1,0.519,0.2365,0.1275,0.126,7\nM,0.48,0.365, 0.13, 0.5305, 0.2405, 0.127, 0.139, 89\nI,0.515,0.4,0.14,0.7165,0.3495,0.1595,0.1785,8\nF,0.56,0.42,0.18,1.6645,0.7 755,0.35,0.4525,9\nI,0.56,0.42,0.14,0.837,0.414,0.214,0.2,8\nF,0.57,0.45,0.15,  $0.9645, 0.531, 0.189, 0.209, 9 \ nF, 0.605, 0.465, 0.155, 1.1, 0.547, 0.2665, 0.2585, 10 \ nM$  $0.625, 0.48, 0.16, 1.2415, 0.6575, 0.2625, 0.2785, 9 \ nF, 0.64, 0.505, 0.175, 1.3185, 0.618$ 5,0.302,0.3315,9\nM,0.65,0.525,0.185,1.3455,0.586,0.278,0.3865,9\nI,0.3,0.215,  $0.05, 0.1185, 0.048, 0.0225, 0.042, 4 \nM, 0.35, 0.265, 0.09, 0.197, 0.073, 0.0365, 0.077, 7$ \nI,0.455,0.35,0.13,0.4725,0.215,0.0745,0.15,9\nI,0.46,0.365,0.11,0.4495,0.175 5,0.102,0.15,8\nI,0.49,0.375,0.115,0.557,0.2275,0.1335,0.1765,8\nI,0.5,0.385, 0.12,0.516,0.197,0.1305,0.165,8\nI,0.54,0.415,0.135,0.709,0.3195,0.174,0.185,9 \nm, 0.55, 0.42, 0.145, 0.7385, 0.321, 0.1485, 0.252, 11\nI, 0.55, 0.445, 0.11, 0.7935, 0.3 78,0.142,0.26,10\nM,0.555,0.435,0.145,0.9205,0.404,0.2275,0.255,8\nI,0.57,0.42 5,0.14,0.7655,0.331,0.14,0.24,10\nM,0.58,0.45,0.14,0.824,0.3465,0.1765,0.263,1 0\nI,0.58,0.425,0.145,0.83,0.379,0.1605,0.2575,11\nI,0.585,0.47,0.17,0.985,0.3 695,0.2395,0.315,10\nM,0.585,0.45,0.15,0.997,0.4055,0.283,0.251,11\nF,0.595,0. 455,0.14,0.914,0.3895,0.2225,0.271,9\nF,0.6,0.5,0.17,1.13,0.4405,0.267,0.335,1 1\nF,0.615,0.495,0.155,1.0805,0.52,0.19,0.32,9\nM,0.63,0.505,0.155,1.105,0.49 2,0.226,0.325,11\nM,0.63,0.49,0.155,1.229,0.535,0.29,0.335,11\nF,0.635,0.495, 0.175, 1.2355, 0.5205, 0.3085, 0.347, 10424,10\nF,0.65,0.505,0.165,1.357,0.5725,0.281,0.43,11\nM,0.655,0.525,0.18,1.40  $2,0.624,0.2935,0.365,13\nF,0.655,0.5,0.22,1.359,0.642,0.3255,0.405,13\nM,0.67,$  $0.535, 0.19, 1.669, 0.7465, 0.2935, 0.508, 11 \\ n\text{M}, 0.67, 0.525, 0.2, 1.7405, 0.6205, 0.297, 0.508, 0.108, 0.$  $0.657,11\nM,0.695,0.53,0.21,1.51,0.664,0.4095,0.385,10\nM,0.695,0.55,0.195,1.6$ 645,0.727,0.36,0.445,11\nM,0.77,0.605,0.175,2.0505,0.8005,0.526,0.355,11\nI,0.

28,0.215,0.07,0.124,0.063,0.0215,0.03,6\nI,0.33,0.23,0.08,0.14,0.0565,0.0365,  $0.046,7\nildon 1,0.35,0.25,0.075,0.1695,0.0835,0.0355,0.041,6\nildon 1,0.37,0.28,0.09,0.21$ 8,0.0995,0.0545,0.0615,7\nI,0.43,0.315,0.115,0.384,0.1885,0.0715,0.11,8\nI,0.4 35,0.33,0.095,0.393,0.219,0.075,0.0885,6\nI,0.44,0.35,0.11,0.3805,0.1575,0.089 5,0.115,6\nM,0.475,0.37,0.11,0.4895,0.2185,0.107,0.146,8\nM,0.475,0.36,0.14,0. 5135,0.241,0.1045,0.155,8\nI,0.48,0.355,0.11,0.4495,0.201,0.089,0.14,8\nF,0.5 6,0.44,0.135,0.8025,0.35,0.1615,0.259,9\nF,0.585,0.475,0.165,1.053,0.458,0.21 7,0.3,11\nF,0.585,0.455,0.17,0.9945,0.4255,0.263,0.2845,11\nM,0.385,0.255,0.1, 0.3175,0.137,0.068,0.092,8\nI,0.39,0.31,0.085,0.344,0.181,0.0695,0.079,7\nI,0.  $39, 0.29, 0.1, 0.2845, 0.1255, 0.0635, 0.081, 7 \ nI, 0.405, 0.3, 0.085, 0.3035, 0.15, 0.050$ 5,0.088,7\nI,0.475,0.365,0.115,0.499,0.232,0.0885,0.156,10\nM,0.5,0.38,0.125, 0.577,0.269,0.1265,0.1535,9\nF,0.515,0.4,0.125,0.615,0.2865,0.123,0.1765,8\nM, 0.52,0.385,0.165,0.791,0.375,0.18,0.1815,10\nM,0.55,0.43,0.13,0.8395,0.3155,0. 1955,0.2405,10\nM,0.56,0.43,0.155,0.8675,0.4,0.172,0.229,8\nF,0.565,0.45,0.16 5,0.887,0.37,0.239,0.249,11\nM,0.59,0.44,0.135,0.966,0.439,0.2145,0.2605,10\n  $M, 0.6, 0.475, 0.205, 1.176, 0.5255, 0.2875, 0.308, 9 \ nF, 0.625, 0.485, 0.15, 1.0945, 0.53$ 1,0.261,0.296,10\nM,0.71,0.555,0.195,1.9485,0.9455,0.3765,0.495,12\n'}

Load the dataset into the tool.

```
In [110... df = pd.read_csv("abalone.csv")
```

ADDED AGE COLUMN

```
In [111... df['Age']=df['Rings']+1.5
```

In [112... df.head()

Out[112...

••		Sex	Length	Diameter	Height	Whole weight	Shucked weight	Viscera weight	Shell weight	Rings	Age
	0	М	0.455	0.365	0.095	0.5140	0.2245	0.1010	0.150	15	16.5
	1	М	0.350	0.265	0.090	0.2255	0.0995	0.0485	0.070	7	8.5
	2	F	0.530	0.420	0.135	0.6770	0.2565	0.1415	0.210	9	10.5
	3	М	0.440	0.365	0.125	0.5160	0.2155	0.1140	0.155	10	11.5
	4	1	0.330	0.255	0.080	0.2050	0.0895	0.0395	0.055	7	8.5

```
In [113... df.shape
```

Out[113... (4177, 10)

In [114... df.info()

<class 'pandas.core.frame.DataFrame'>
RangeIndex: 4177 entries, 0 to 4176
Data columns (total 10 columns):

#	Column	Non-Null Count	Dtype
0	Sex	4177 non-null	object
1	Length	4177 non-null	float64
2	Diameter	4177 non-null	float64
3	Height	4177 non-null	float64
4	Whole weight	4177 non-null	float64
5	Shucked weight	4177 non-null	float64
6	Viscera weight	4177 non-null	float64
7	Shell weight	4177 non-null	float64
8	Rings	4177 non-null	int64

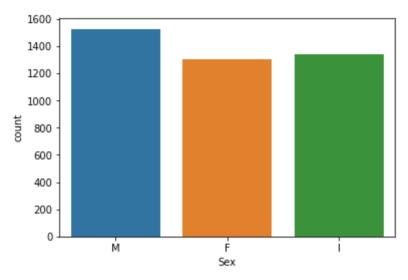
9 Age 4177 non-null float64 dtypes: float64(8), int64(1), object(1) memory usage: 326.5+ KB

#### UNIVARIATE ANALYSIS

In [115... sns.countplot(df['Sex'])

/usr/local/lib/python3.7/dist-packages/seaborn/\_decorators.py:43: FutureWarnin g: Pass the following variable as a keyword arg: x. From version 0.12, the onl y valid positional argument will be `data`, and passing other arguments withou t an explicit keyword will result in an error or misinterpretation. FutureWarning

Out[115... <matplotlib.axes.\_subplots.AxesSubplot at 0x7feeaa7addd0>

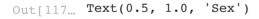


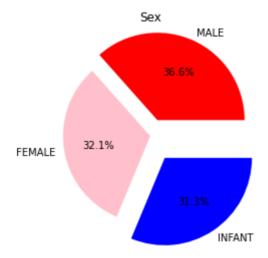
```
In [116... df['Sex'].value_counts()
```

Out[116... M 1528 I 1342

> F 1307 Name: Sex, dtype: int64

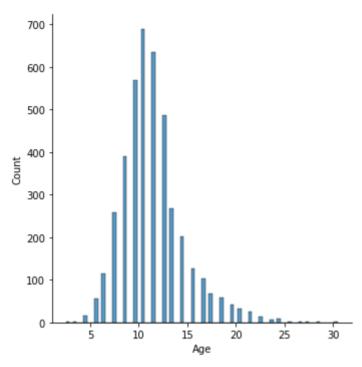
plt.pie(df.Sex.value\_counts(),[0.2,0,0.3],labels=['MALE','FEMALE','INFANT'],applt.title('Sex')





```
In [118... sns.displot(df.Age)
```

Out[118... <seaborn.axisgrid.FacetGrid at 0x7feeaa72fe90>



#### BIVARIATE ANALYSIS

```
plt.figure(figsize = (20,7))
sns.swarmplot(x = 'Sex', y = 'Age', data = df, hue = 'Sex')
```

/usr/local/lib/python3.7/dist-packages/seaborn/categorical.py:1296: UserWarnin g: 56.2% of the points cannot be placed; you may want to decrease the size of the markers or use stripplot.

warnings.warn(msg, UserWarning)

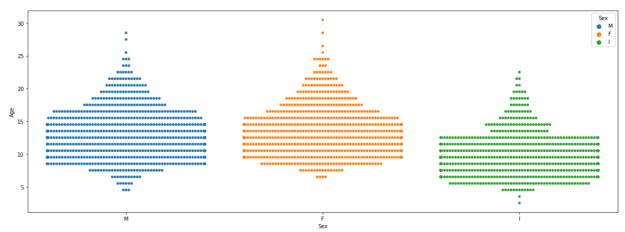
/usr/local/lib/python3.7/dist-packages/seaborn/categorical.py:1296: UserWarnin g: 52.2% of the points cannot be placed; you may want to decrease the size of the markers or use stripplot.

warnings.warn(msg, UserWarning)

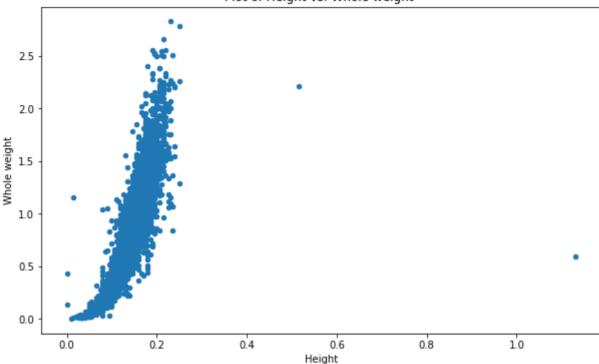
/usr/local/lib/python3.7/dist-packages/seaborn/categorical.py:1296: UserWarnin g: 58.5% of the points cannot be placed; you may want to decrease the size of the markers or use stripplot.

warnings.warn(msg, UserWarning)

Out[119... <matplotlib.axes.\_subplots.AxesSubplot at 0x7feeaa6b8bd0>



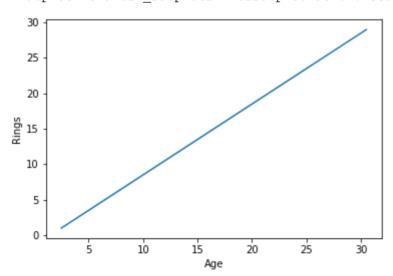
#### Plot of Height vs. Whole weight



In [121... sns.lineplot(df.Age,df.Rings)

/usr/local/lib/python3.7/dist-packages/seaborn/\_decorators.py:43: FutureWarnin g: Pass the following variables as keyword args: x, y. From version 0.12, the only valid positional argument will be `data`, and passing other arguments wit hout an explicit keyword will result in an error or misinterpretation. FutureWarning

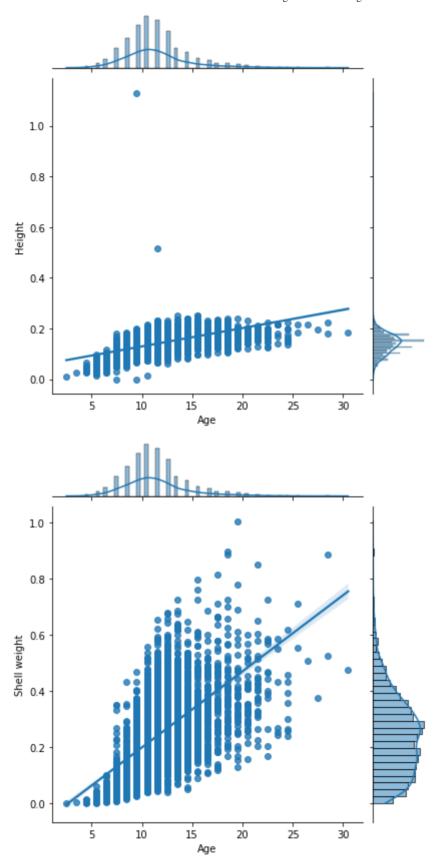
Out[121... <matplotlib.axes.\_subplots.AxesSubplot at 0x7feeaa458710>



```
plt.figure(figsize=(20, 5))

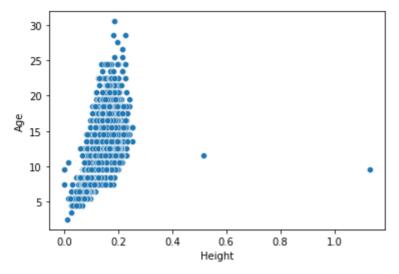
_ = sns.jointplot(data=df, x='Age', y='Height', kind='reg')
_ = sns.jointplot(data=df, x='Age', y='Shell weight', kind='reg')
```

<Figure size 1440x360 with 0 Axes>



In [123...
sns.scatterplot(x=df["Height"],y=df["Age"])

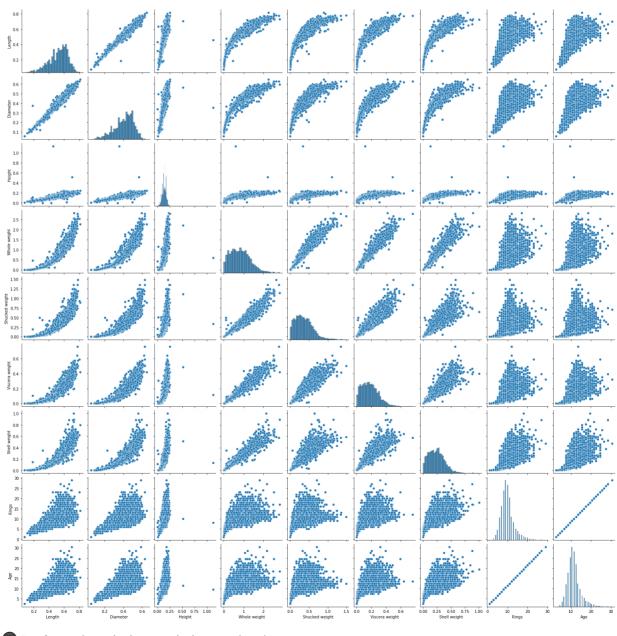
Out[123... <matplotlib.axes.\_subplots.AxesSubplot at 0x7feea9ddbb10>



#### MULTIVARIATE ANALYSIS

In [124... sns.pairplot(df)

Out[124... <seaborn.axisgrid.PairGrid at 0x7feeaa14a750>



Perform descriptive statistics on the dataset.

In [125...

df.describe()

Out[125...

۰		Length	Diameter	Height	Whole weight	Shucked weight	Viscera weight	Shell v
	count	4177.000000	4177.000000	4177.000000	4177.000000	4177.000000	4177.000000	4177.00
	mean	0.523992	0.407881	0.139516	0.828742	0.359367	0.180594	0.2
	std	0.120093	0.099240	0.041827	0.490389	0.221963	0.109614	0.13
	min	0.075000	0.055000	0.000000	0.002000	0.001000	0.000500	0.0
	25%	0.450000	0.350000	0.115000	0.441500	0.186000	0.093500	0.10
	50%	0.545000	0.425000	0.140000	0.799500	0.336000	0.171000	0.23
	75%	0.615000	0.480000	0.165000	1.153000	0.502000	0.253000	0.3
	max	0.815000	0.650000	1.130000	2.825500	1.488000	0.760000	1.00

Check for Missing values and deal with them.

```
In [126...
```

df.isnull().sum().sort values(ascending=False)

Out[126... Sex

Length 0
Diameter 0
Height 0
Whole weight 0
Shucked weight 0
Viscera weight 0
Shell weight 0
Rings 0
Age 0
dtype: int64

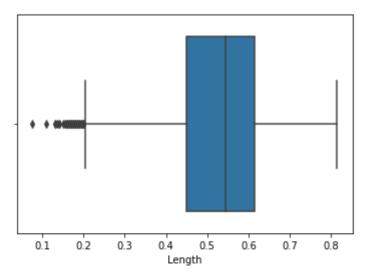
Find the outliers and replace them outliers

In [127...

sns.boxplot(df.Length)

/usr/local/lib/python3.7/dist-packages/seaborn/\_decorators.py:43: FutureWarnin g: Pass the following variable as a keyword arg: x. From version 0.12, the onl y valid positional argument will be `data`, and passing other arguments withou t an explicit keyword will result in an error or misinterpretation. FutureWarning

Out[127... <matplotlib.axes.\_subplots.AxesSubplot at 0x7feea7e9d390>



```
In [128... df.Length.median()
```

Out[128... 0.545

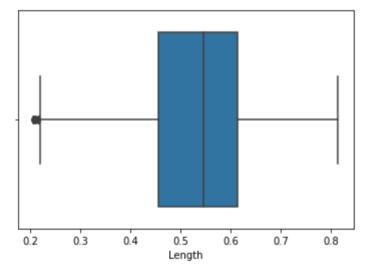
```
In [129...
q1=df.Length.quantile(0.25) #(Q1)
q3=df.Length.quantile(0.75) #(Q3)
IQR=q3-q1
lower_limit= q1 - 1.5*IQR
```

```
In [130... df['Length']=np.where(df['Length']<lower_limit,0.545,df['Length'])
```

```
In [131... sns.boxplot(df.Length)
```

/usr/local/lib/python3.7/dist-packages/seaborn/\_decorators.py:43: FutureWarnin g: Pass the following variable as a keyword arg: x. From version 0.12, the onl y valid positional argument will be `data`, and passing other arguments withou t an explicit keyword will result in an error or misinterpretation. FutureWarning

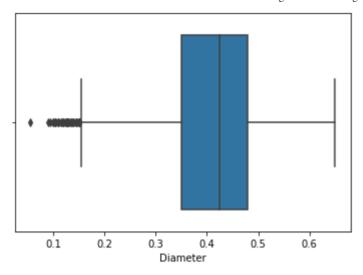
Out[131... <matplotlib.axes.\_subplots.AxesSubplot at 0x7feea7d0d110>



```
In [132... sns.boxplot(df.Diameter)
```

/usr/local/lib/python3.7/dist-packages/seaborn/\_decorators.py:43: FutureWarnin g: Pass the following variable as a keyword arg: x. From version 0.12, the onl y valid positional argument will be `data`, and passing other arguments withou t an explicit keyword will result in an error or misinterpretation. FutureWarning

Out[132... <matplotlib.axes.\_subplots.AxesSubplot at 0x7feea7cf3990>



```
In [133... df.Diameter.median()
```

Out[133... 0.425

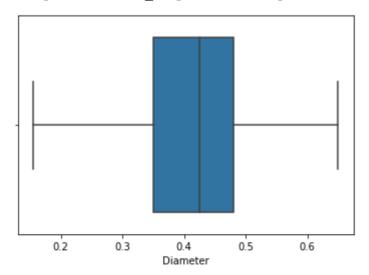
```
q1=df.Diameter.quantile(0.25) #(Q1)
q3=df.Diameter.quantile(0.75) #(Q3)
IQR=q3-q1
lower_limit= q1 - 1.5*IQR
```

```
In [135... df['Diameter']=np.where(df['Diameter']<lower_limit,0.425,df['Diameter'])
```

```
In [136... sns.boxplot(df.Diameter)
```

/usr/local/lib/python3.7/dist-packages/seaborn/\_decorators.py:43: FutureWarnin g: Pass the following variable as a keyword arg: x. From version 0.12, the onl y valid positional argument will be `data`, and passing other arguments withou t an explicit keyword will result in an error or misinterpretation. FutureWarning

Out[136... <matplotlib.axes.\_subplots.AxesSubplot at 0x7feea7cc2190>

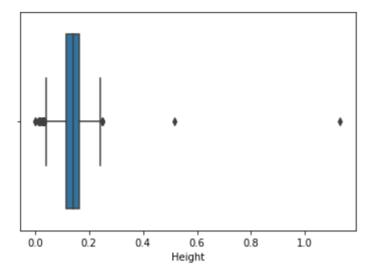


```
In [137... sns.boxplot(df.Height)
```

/usr/local/lib/python3.7/dist-packages/seaborn/\_decorators.py:43: FutureWarnin g: Pass the following variable as a keyword arg: x. From version 0.12, the onl

y valid positional argument will be `data`, and passing other arguments withou t an explicit keyword will result in an error or misinterpretation. FutureWarning

Out[137... <matplotlib.axes. subplots.AxesSubplot at 0x7feea7c172d0>



```
In [138...
q1=df.Height.quantile(0.25) #(Q1)
q3=df.Height.quantile(0.75) #(Q3)
IQR=q3-q1
lower_limit= q1 - 1.5*IQR
upper_limit= q3 + 1.5*IQR
```

```
In [139... df.Height.mean()
```

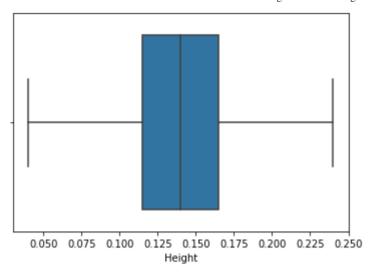
#### Out[139... 0.13951639932966242

```
In [140... df['Height']=np.where(df['Height']<lower_limit,0.13951639932966242,df['Height df['Height']=np.where(df['Height']>upper_limit,0.13951639932966242,df['Height']
```

```
In [141... sns.boxplot(df.Height)
```

/usr/local/lib/python3.7/dist-packages/seaborn/\_decorators.py:43: FutureWarnin g: Pass the following variable as a keyword arg: x. From version 0.12, the onl y valid positional argument will be `data`, and passing other arguments withou t an explicit keyword will result in an error or misinterpretation. FutureWarning

Out[141... <matplotlib.axes.\_subplots.AxesSubplot at 0x7feeaa4cbd50>



#### Check for Categorical columns and perform encoding

```
In [142...
df=pd.get_dummies(df,columns=['Sex'])
df.head()
```

#### Out[142... Whole **Shucked Viscera** Shell Length Diameter Height Age Sex\_F Sex\_I S weight weight weight weight 0.455 0.365 0.095 0.5140 0.1010 0 0 0 0.2245 0.150 15 16.5 1 0.265 0 0.350 0.090 0.2255 0.0995 0.0485 0.070 8.5 0 2 0.530 0.420 0.135 0.6770 0.2565 0.1415 0.210 10.5 1 0 0.5160 3 0.440 0.365 0.125 0.2155 0.1140 0.155 11.5 0 0 10 4 0.330 0.255 0.080 0.2050 0.0895 0.0395 0.055 7 8.5 0 1

#### Split the data into dependent and independent variables

```
In [143...
           y=df['Age']#DEPENDANT VARIABLE
Out[143...
          0
                   16.5
                    8.5
          1
                   10.5
          2
                   11.5
          3
                    8.5
                   12.5
          4172
                   11.5
          4173
          4174
                   10.5
                   11.5
          4175
          4176
                   13.5
          Name: Age, Length: 4177, dtype: float64
In [144...
           #independent variable
           X=df.drop(columns=['Age'],axis=1)
           X.head()
                                      Whole
                                              Shucked
                                                       Viscera
                                                                 Shell
Out[144...
             Length Diameter Height
                                                                       Rings Sex_F Sex_I Sex_M
```

weight

0.2245

weight weight

0.150

0.1010

weight

0.5140

0.365

0.095

0.455

0

1

0

15

0

	Length	Diameter	Height	Whole weight	Shucked weight	Viscera weight		Rings	Sex_F	Sex_I	Sex_M
1	0.350	0.265	0.090	0.2255	0.0995	0.0485	0.070	7	0	0	1
2	0.530	0.420	0.135	0.6770	0.2565	0.1415	0.210	9	1	0	0
3	0.440	0.365	0.125	0.5160	0.2155	0.1140	0.155	10	0	0	1
4	0.330	0.255	0.080	0.2050	0.0895	0.0395	0.055	7	0	1	0

#### Scale the independent variables

```
In [145...
from sklearn.preprocessing import scale

In [146...
x_scaled=pd.DataFrame(scale(X),columns=X.columns)
x_scaled.head()
```

## Out[146...

	Length	Diameter	Height	Whole weight	Shucked weight	Viscera weight	Shell weight	Rings
0	-0.645490	-0.504337	-1.198473	-0.641898	-0.607685	-0.726212	-0.638217	1.571544
1	-1.568987	-1.575453	-1.332323	-1.230277	-1.170910	-1.205221	-1.212987	-0.910013
2	0.014150	0.084776	-0.127672	-0.309469	-0.463500	-0.356690	-0.207139	-0.289624
3	-0.777418	-0.504337	-0.395372	-0.637819	-0.648238	-0.607600	-0.602294	0.020571
4	-1.744891	-1.682564	-1.600023	-1.272086	-1.215968	-1.287337	-1.320757	-0.910013

### Split the data into training and testing

```
from sklearn.model_selection import train_test_split
X_train,X_test,y_train,y_test = train_test_split(x_scaled,y,test_size=0.2,rand)
```

#### BUILD THE MODEL

```
In [160... from sklearn.linear_model import Ridge
    from sklearn.linear_model import Lasso

In [161... r=Ridge()
    l=Lasso()

In [162... r.fit(X_train,y_train)

Out[162... Ridge()

In [163... l fit(X_train, y_train))
```

# Out[163... Lasso()

#### TRAINING THE MODEL

1.fit(X\_train,y\_train)

```
In [185... pred1=r.predict(X_test)
```

pred1

```
Out[185... array([14.50014669,
                              9.50043804, 12.49953294,
                                                        6.50069609, 13.4992812 ,
                12.50048134,
                              8.50067864, 9.50126287, 8.50083976, 10.50186913,
                              9.49916503, 12.49849877, 10.50005131,
                 9.50005321,
                                                                    5.50148467.
                              8.50095811, 18.49820034, 8.50277477,
                 8.50156888,
                              6.50125525, 9.50031734, 10.49960997, 11.49958812,
                 8.50020898,
                              6.50246579, 16.49908496, 11.4997379 , 15.49829626,
                11.50095831,
                              5.50245218, 10.50148829, 14.50035029, 8.50003097,
                 9.50029854,
                              9.50035471, 10.50052647, 9.50007588, 12.50035717,
                 8.50120855,
                16.49801518, 13.49839751, 18.49680764, 17.49751414, 12.50082326,
                12.49915033,
                             9.50060358, 11.50104242, 12.50022059, 7.50111708,
                14.49904832,
                              8.50010097, 14.4975871 , 21.49608448, 13.49825303,
                              9.49958796, 11.49873122, 8.50008061, 8.50006226,
                 8.50056016,
                10.50036045, 10.50000858, 12.49953978, 9.49962639,
                                                                    8.50056641,
                13.5003088 , 14.49966154, 18.49713621, 9.5001836 , 13.50159367,
                10.49996516, 18.50189571, 11.50069204, 7.50256097, 12.49946436,
                 9.50033534, 9.50105555, 10.50064936, 9.5021511,
                                                                    9.50015204,
                 9.50111111, 7.50024371, 8.5001999, 14.49974004, 12.49889889,
                 7.50112707, 10.50058422, 13.50058903, 6.5006736 , 7.50071408,
                12.49902023, 12.49977279, 9.50028324, 8.49726667, 17.49781892,
                 9.49910605, 12.49917837, 9.50022089, 19.49792172, 12.49901928,
                13.49868487, 15.49820173, 13.49872947, 12.49984554, 7.50010657,
                10.50093311, 8.50005347, 7.5005566, 12.4978692, 12.50138083,
                12.49907049, 13.49961932, 21.49461235, 11.49904328, 15.50006127,
                11.50024054, 11.50085611, 13.50075281, 5.50201701, 13.49820263,
                 8.50010804, 14.49931426, 7.50047271, 9.50046081, 18.49641158,
                16.49860734, 10.50096088, 12.49994405, 8.50034343, 12.49983615,
                 9.5015715 , 8.50083609, 8.50189059, 11.50085119, 12.50014861,
                10.50123859, 11.50023492, 10.49975109, 9.49954469, 17.49867789,
                17.49680703, 14.49935963, 7.50078546, 10.49958009, 11.50107338,
                10.50077314, 9.50041047, 9.49936304, 9.4997197, 6.50125606,
                 9.50043505, 12.50382907, 6.50132607, 10.50114861, 10.49971587,
                 7.50045206, 9.5015817, 8.49986701, 11.50207027, 12.49860512,
                13.49914014, 9.49995043, 10.50030766, 11.5005487, 6.50045926,
                17.49771651, 8.5005182 ,
                                          7.50047062, 16.49762049, 10.50008629,
                                          7.50170574, 11.50031156, 12.50118306,
                11.49874105, 4.50288613,
                                          9.50005726, 6.5022137, 14.49918211,
                13.4989377 , 6.50086288,
                10.50001208, 12.49962885,
                                          8.50108409, 10.49958936, 16.49779777,
                 9.50165114, 11.49941542,
                                          9.50007815, 6.50112219, 10.49999025,
                20.49464682, 10.50056913, 9.50049124, 10.50073363, 12.49952764,
                10.50040476, 10.49925365, 10.49983032, 6.50076637, 16.49992689,
                11.49986712, 15.49804416, 13.50201359, 9.50113749, 13.49829438,
                12.50082333, 6.50152373, 11.50153414, 12.49888147, 24.49353764,
                 5.50144224, 12.49889693, 12.49996378, 11.49981215, 10.50171407,
                10.50042304, 10.50004912, 9.50184512, 6.50072229, 14.49966139,
                13.50007829, 15.49868761, 9.49993919, 12.4990136, 11.50111954,
                15.50027282, 14.49901346, 13.4983092 , 13.50022049, 13.4975531 ,
                 8.50161545, 8.50111961, 8.49945137, 20.4952136, 10.49896188,
                16.49808778, 9.4996103, 5.50130048, 9.49984566, 10.50059188,
                11.49944313, 13.49868082, 10.50174651, 10.50021301, 10.50047267,
                 9.50068078, 13.49962659, 8.50048695, 12.49997977, 21.49646078,
                 9.50269496, 8.50059127, 13.50046987, 14.49744477, 12.49951538,
                              7.50086066, 9.50062422, 10.50035655, 12.50281657,
                15.498517
                              9.50093911, 10.50150822, 12.49813327, 21.49399527,
                10.50098673,
                10.49948879, 13.49814716, 8.50012488, 7.50109336, 8.50069277,
                12.49983075, 8.50132351, 10.49990531, 10.49986471,
                                                                    6.50107222,
                10.50113735, 10.502779 , 10.50023582, 11.49995925, 12.49956409,
                 8.50025394, 13.49986242, 9.4997132 , 11.49971752, 13.49876865,
                14.49902401, 10.49844753, 11.50032384, 12.4996862 , 11.5019668 ,
                 9.49952908, 10.49959705, 5.50139543, 10.50016579, 8.50022472,
                 9.50008915, 7.50052427, 7.50049206, 10.50012499, 13.50206251,
                11.4993959 , 9.50027709, 16.49854085, 11.49964548, 14.49768724,
                11.49871252, 9.50118964, 11.49989812, 15.49826947, 9.50087287,
                10.50031661, 13.49925079, 9.49985932, 9.50086018, 13.50338557,
                10.50198265, 11.49925525, 8.49986133, 9.50009072, 11.50038118,
                12.49991894, 15.49748064, 11.49996695, 11.49995931, 16.49850259,
                 9.50101524, 10.49978064, 10.50048483, 24.49532792, 11.50007399,
                             9.50224891, 6.50224748, 10.50105874, 11.49966413,
                 9.5003005 ,
```

```
14.499018 ,
            8.50085836,
                          9.50063122, 12.49996277, 14.49869103,
10.50011407, 13.49888208, 12.49964664, 11.50095718, 11.50158103,
 7.50047506, 6.50084902, 13.50051499, 16.4988989 , 8.50027107,
6.5011911 , 11.49869465, 11.501799 , 14.49810855, 11.50074209,
12.49932217, 11.50054662, 10.50002095, 8.50053842, 14.49827086,
11.49942724, 11.50000809, 8.50060805, 10.50013545, 14.49737553,
6.50149193, 7.50052122, 10.50027794, 8.50058943, 12.49936826,
12.49986659, 8.50006358, 15.49838492, 8.50046662, 18.49710665,
13.50057978, 13.50078795, 9.50007227, 13.49942338, 7.50007886,
9.50072421, 15.49736259, 12.49930674, 16.49867242, 6.50164107,
12.49983025, 12.50279283, 9.50092455, 8.50039424, 8.4997701,
15.50099455, 9.50146885, 15.49812084, 15.49744998, 22.49837731,
 9.4995999 , 12.50004189, 9.50047585, 12.50005836, 20.49486238,
9.49996693, 10.49976883, 8.49982464, 11.50199613, 10.49981851,
11.50026012, 6.50172792, 20.49545535, 17.4999389, 10.50062863,
11.50031697, 8.50015022, 12.4995881 , 13.49891868, 16.49972645,
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          s not have valid feature names, but Lasso was fitted with feature names
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16.29020888, 14.23166669, 9.42840157, 9.42840157, 15.60402815,
10.80076303, 10.1145823 , 13.54548596, 11.48694377, 12.85930523,
10.1145823 , 12.1731245 , 12.85930523, 10.80076303, 14.23166669,
10.80076303, 12.1731245 , 10.80076303, 6.68367865, 14.23166669,
11.48694377, 9.42840157, 9.42840157, 8.74222084, 9.42840157,
 9.42840157, 10.80076303, 10.80076303, 9.42840157, 8.74222084,
```

```
10.80076303, 9.42840157, 11.48694377, 11.48694377, 11.48694377, 12.1731245, 11.48694377, 12.1731245, 17.66257035, 10.1145823, 8.05604011, 8.74222084, 12.1731245, 8.05604011, 10.1145823, 10.1145823, 10.80076303, 13.54548596, 8.05604011, 9.42840157, 10.80076303, 12.1731245, 12.85930523, 9.42840157, 16.29020888, 7.36985938])
```

```
In [168... pred2_train=l.predict(X_train)
```

In [169...
profit=pd.DataFrame({'Actual':y\_test,'ridge\_pred':pred1,'lasso\_pred':pred2})
profit.head(10)

Out[169...

	Actual	ridge_pred	lasso_pred
668	14.5	14.500147	13.545486
1580	9.5	9.500438	10.114582
3784	12.5	12.499533	12.173124
463	6.5	6.500696	8.056040
2615	13.5	13.499281	12.859305
1399	12.5	12.500481	12.173124
2054	8.5	8.500679	9.428402
2058	9.5	9.501263	10.114582
217	8.5	8.500840	9.428402
1931	10.5	10.501869	10.800763

#### TESTING THE MODEL

```
In [184...
          #TESTING BY RANDOM VALUE
                                                                                    ,-0.6
          p=r.predict([[-0.645490 ,-0.504337
                                                   ,-1.198473
                                                                    ,-0.641898
          p1=1.predict([[-0.645490,-0.504337,-1.198473,-0.641898,-0.607685,-0.726212,
          print(p1)
         [16.49608753]
         [14.91784838]
         /usr/local/lib/python3.7/dist-packages/sklearn/base.py:451: UserWarning: X doe
         s not have valid feature names, but Ridge was fitted with feature names
            "X does not have valid feature names, but"
         /usr/local/lib/python3.7/dist-packages/sklearn/base.py:451: UserWarning: X doe
         s not have valid feature names, but Lasso was fitted with feature names
            "X does not have valid feature names, but"
```

#### EVALUATING THE MODEL

```
In [170... from sklearn import metrics
In [172... # R-Square
# testing accuracy for both model
print(metrics.r2_score(y_test,pred1))
print(metrics.r2_score(y_test,pred2))

0.999999810855846
0.901379230281694
```

```
In [173...
          #Training accuracy for both model
          print(metrics.r2_score(y_train,pred1_train))
          print(metrics.r2_score(y_train,pred2_train))
         0.9999998077018943
         0.9015174665415234
In [174...
          ## MSE(Mean square error)
          print(metrics.mean_squared_error(y_test,pred1))
          print(metrics.mean squared error(y test,pred2))
         2.0541643593572257e-06
         1.0710522419608044
In [175...
          ## RMSE
          print(np.sqrt(metrics.mean_squared_error(y_test,pred1)))
          print(np.sqrt(metrics.mean squared error(y test,pred2)))
         0.001433235625902882
         1.0349165386449308
 In [ ]:
```