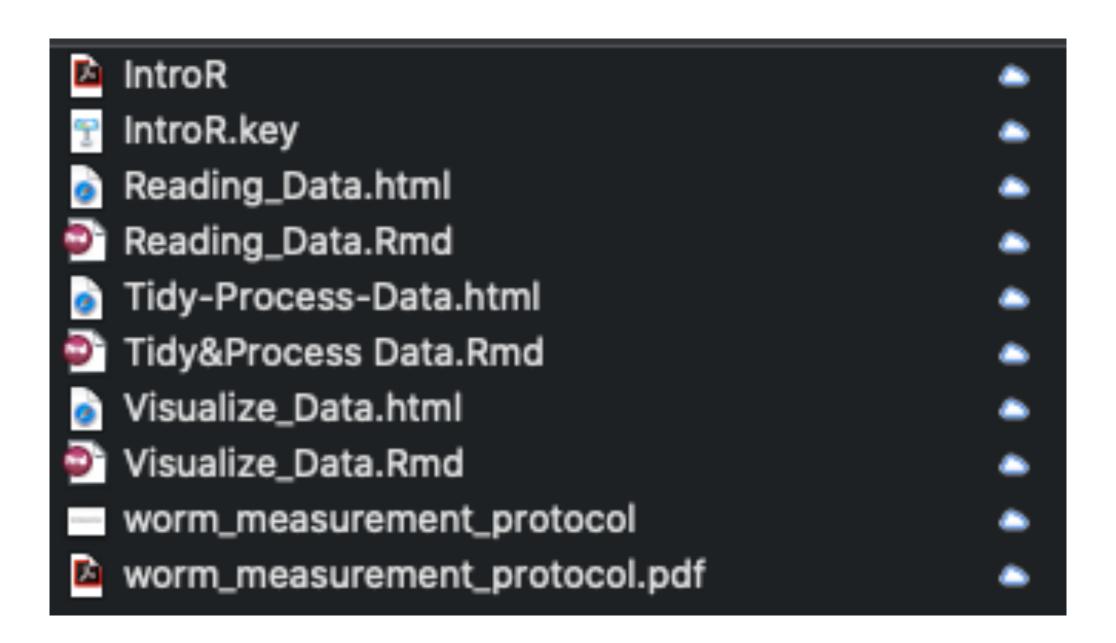
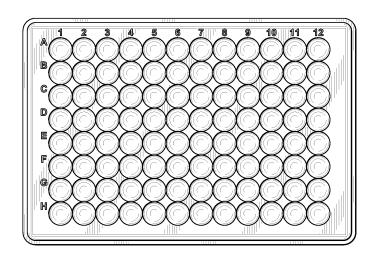
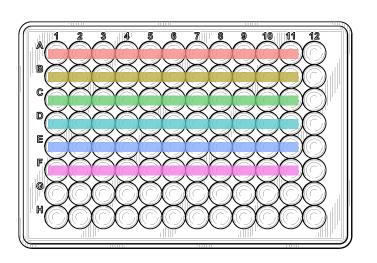
Part 1

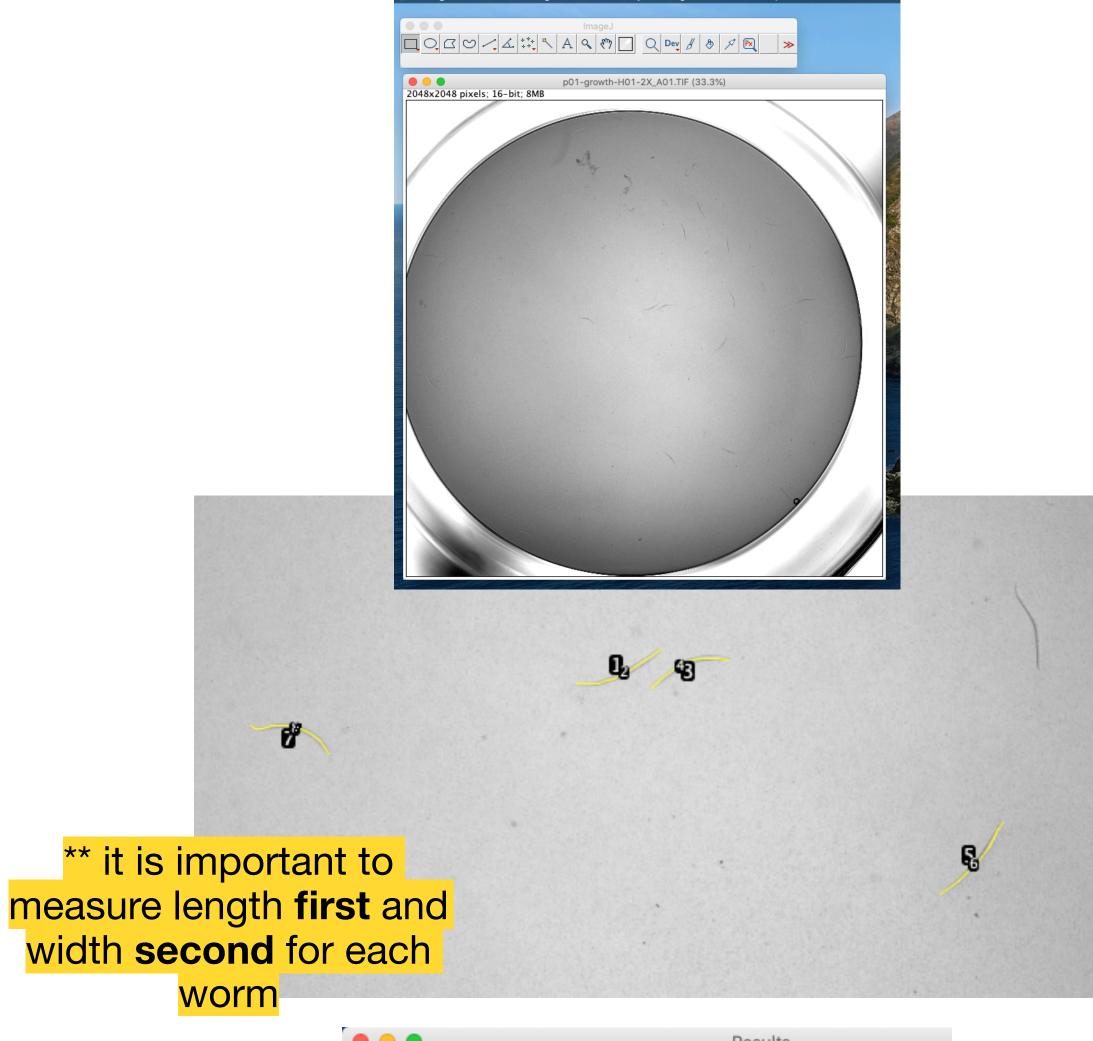


When I performed this experiment I imaged a single plate every hour.



This plate contains data for 6 independent replicates (A - F)

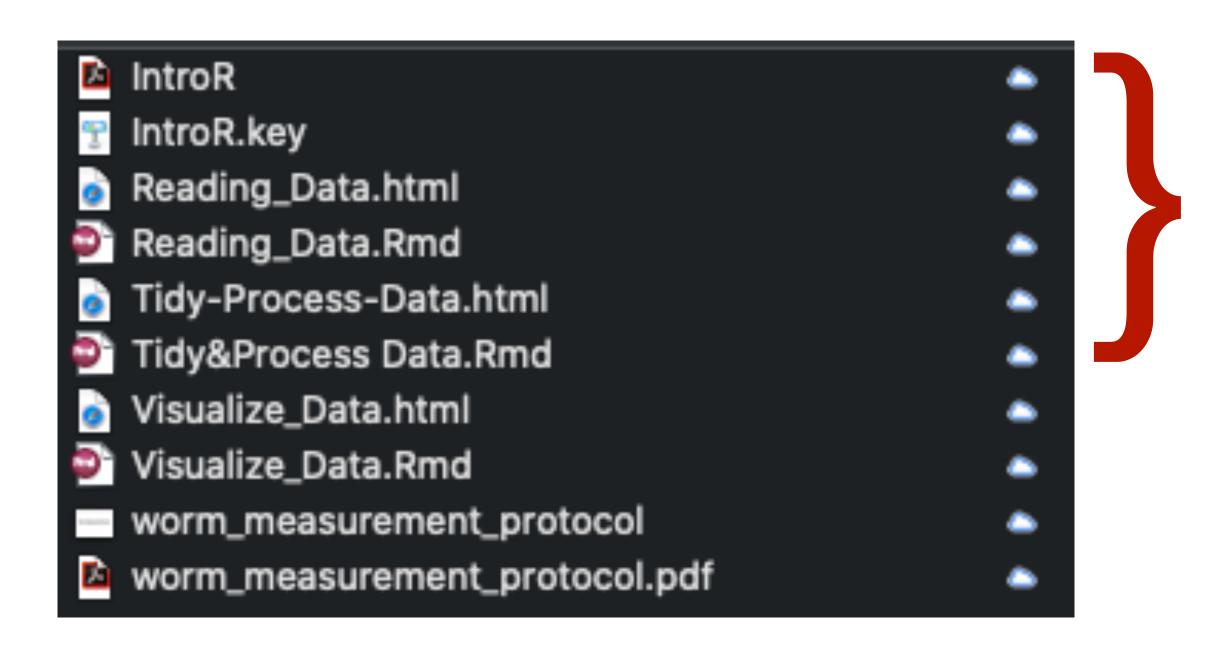


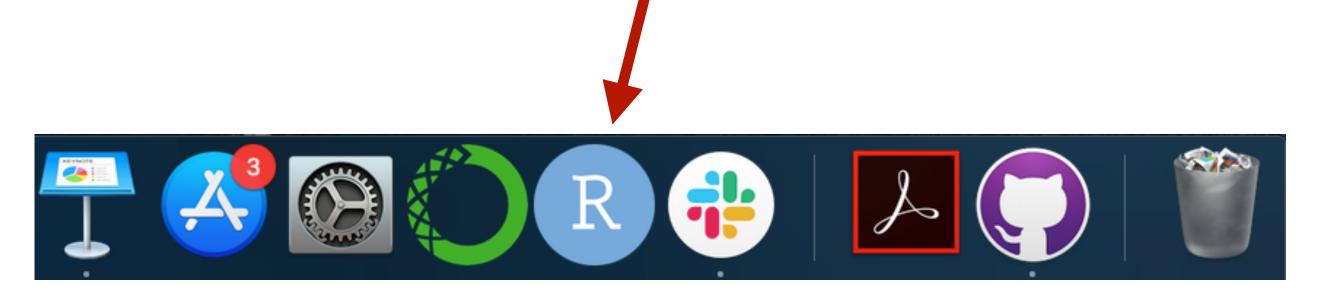


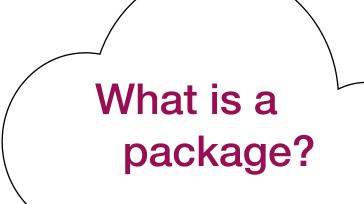
	•	Results				
	Label	Area	Angle	Length		
1	p01-growth-H01-2X_A01.TIF	79	0.000	78.999		
2	p01-growth-H01-2X_A01.TIF	7	120.964	5.831		
3	p01-growth-H01-2X_A01.TIF	75	0.000	74.168		
4	p01-growth-H01-2X_A01.TIF	6	126.870	4.680		
5	p01-growth-H01-2X_A01.TIF	83	0.000	82.056		
6	p01-growth-H01-2X_A01.TIF	6	-33.690	4.670		
7	p01-growth-H01-2X_A01.TIF	78	0.000	77.605		
8	p01-growth-H01-2X_A01.TIF	6	-116.565	4.924		

		Danie	l÷-		
		Results			
	Label	Area	Angle	Length	
1	p01-growth-H01-2X_A01.TIF	79	0.000	78.999	
2	p01-growth-H01-2X_A01.TIF	7	120.964	5.831	
3	p01-growth-H01-2X_A01.TIF	75	0.000	74.168	
4	p01-growth-H01-2X_A01.TIF	6	126.870	4.680	
5	p01-growth-H01-2X_A01.TIF	83	0.000	82.056	
6	p01-growth-H01-2X_A01.TIF	6	-33.690	4.670	
7	p01-growth-H01-2X_A01.TIF	78	0.000	77.605	
8	p01-growth-H01-2X_A01.TIF	6	-116.565	4.924	
9	p55-growth-H55-2X_A01.TIF	354	0.000	354.070	
10	p55-growth-H55-2X_A01.TIF	17	135.000	16.028	
11	p55-growth-H55-2X_A01.TIF	323	0.000	322.690	
12	p55-growth-H55-2X_A01.TIF	18	132.510	16.651	
13	p55-growth-H55-2X_A01.TIF	362	0.000	362.102	
14	p55-growth-H55-2X_A01.TIF	18	128.157	17.414	
15	p55-growth-H55-2X_A01.TIF	371	0.000	371.168	
16	p55-growth-H55-2X_A01.TIF	19	33.690	17.903	

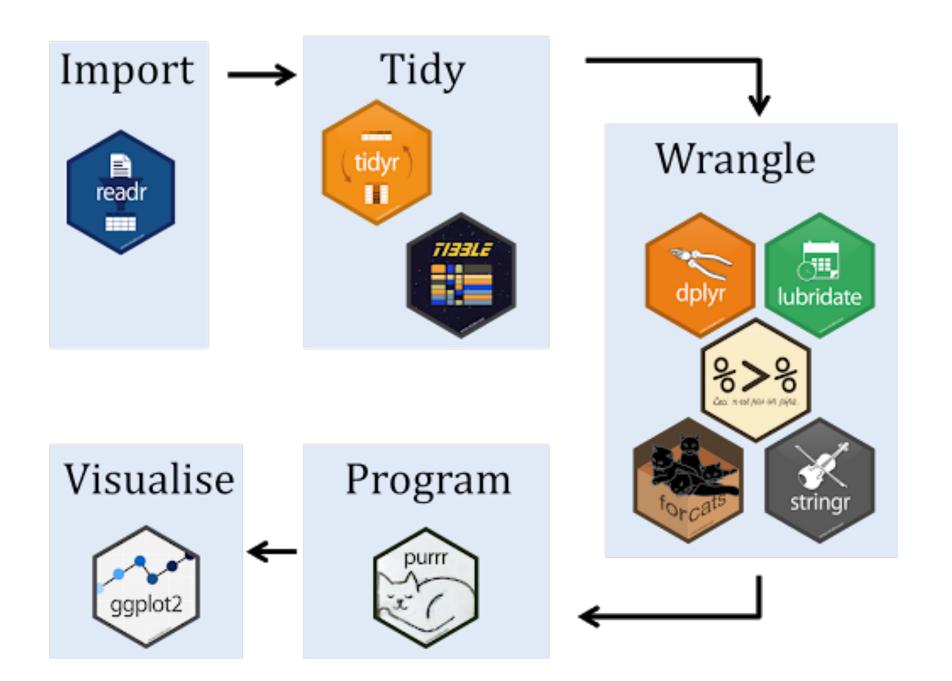
Part 2











First 10 rows of Izzy's data

X1 Label	Area	Angle	Length
1 p01-growth-H01-2X_F01.TIF	79	0.000	78.675
2 p01-growth-H01-2X_F01.TIF	7	-69.444	5.696
3 p01-growth-H01-2X_F01.TIF	83	0.000	82.100
4 p01-growth-H01-2X_F01.TIF	6	29.982	5.003
5 p01-growth-H01-2X_F01.TIF	65	0.000	64.593
6 p01-growth-H01-2X_F01.TIF	5	0.000	4.868
7 p01-growth-H01-2X_F01.TIF	86	0.000	85.628
8 p01-growth-H01-2X_F01.TIF	4	36.870	2.500
9 p01-growth-H01-2X_F01.TIF	81	0.000	80.141
10 p01-growth-H01-2X_F01.TIF	6	59.349	5.231

First 4 rows of data

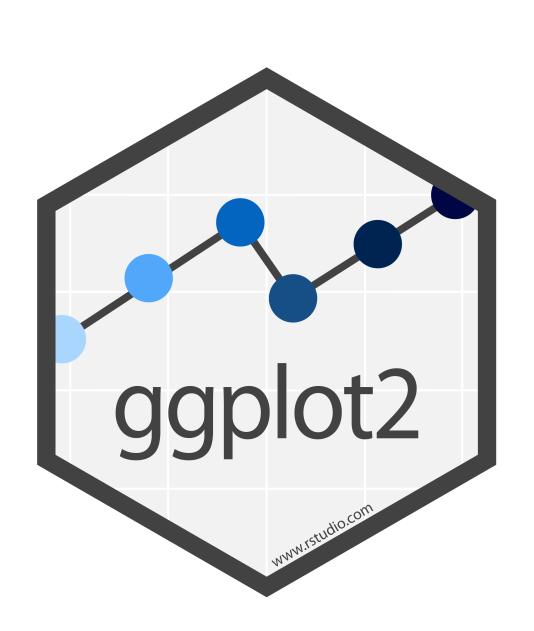
Plate	Experiment	Hour	Magnification	Well	Animal	Length	Width	Radius	Volume
p01	growth	01	2X	B01	1	264.9288	12.76309	6.381544	3124.370
p01	growth	01	2X	B01	2	252.9924	16.80116	8.400582	5170.208
p01	growth	01	2X	B01	3	276.7070	16.73200	8.365998	5608.381
p01	growth	01	2X	B01	4	231.9127	13.76108	6.880539	3179.445

Part 3



First 4 rows of data

Plate	Experiment	Hour	Magnification	Well	Animal	Length	Width	Radius	Volume
p01	growth	01	2X	B01	1	264.9288	12.76309	6.381544	3124.370
p01	growth	01	2X	B01	2	252.9924	16.80116	8.400582	5170.208
p01	growth	01	2X	B01	3	276.7070	16.73200	8.365998	5608.381
p01	growth	01	2X	B01	4	231.9127	13.76108	6.880539	3179.445



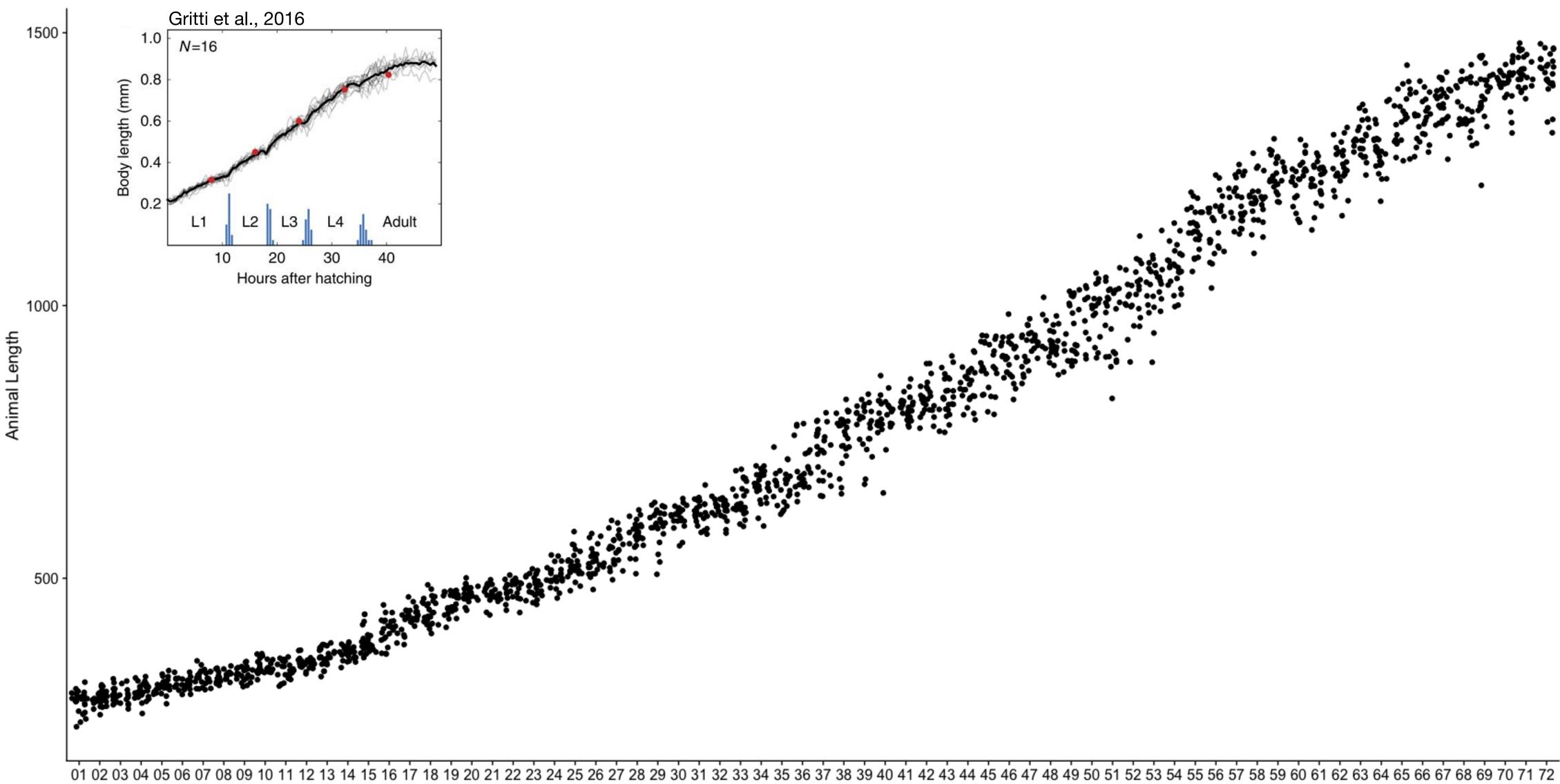
[1] 0.7414303363 -0.9383127854 -0.5898356239 -1.4879381203 -0.1659582252 0.4690914210 -0.3598660699 [11] 2.6412618078 0.2321025525 -0.1327265269 1.5190948454 0.9066730669 0.8596798670 1.4650258834 [21] 0.3458054361 -0.4886197680 1.3973476592 -1.5638681539 1.2853007445 0.4101364885 0.2294735247 [31] 0.4139866417 -0.6954449569 0.8041125473 0.5535330655 -0.4694144802 1.7690122917 0.4707698513 [51] -0.4410132764 0.7364134275 2.0252124219 -1.4500256740 1.9125350969 -0.2343692491 1.3286159719 [61] 1.1314206797 -0.9113800142 0.1240687944 -0.3060999484 -0.4709176421 -0.1122752856 -0.5401285711 [71] -0.0686987744 -0.1373026497 0.6094719385 -1.4732265606 0.7573958380 -0.7515556914 -1.2857906361 [81] -0.8857107791 -0.4069381352 -2.1758080948 -0.3569778668 -0.0397559943 -0.0961785023 0.6472138988 [91] -0.8830039848 -2.0658918174 2.2363978861 -0.9000721943 1.1227886790 2.1469963330 -1.0971182540 [101] 0.8612006384 -1.0684987091 1.5397207327 -0.0174112748 0.6287091546 -0.9850152543 1.4317789228 [111] -0.9610323091 -0.8214297129 0.0698531890 -0.2544790671 0.9626996188 1.4312750227 1.1144196341 [121] 0.8893473243 -1.2105287954 -1.2804874114 -1.5417165424 -0.5225043177 -0.2443883469 1.0395231050 [141] 2.1042373099 -0.8215960512 1.1647203780 -0.5018804363 -0.6276899976 -0.8121978140 -1.9868618662 [151] -2.5904304497 0.5526988025 -0.3580881297 -0.3931144287 -0.6494195785 -0.1096485904 0.0678612489 [161] 1.6343875443 -0.0683924766 1.2130360802 -0.6313426788 0.9838639622 -0.4797304977 0.1817758260 [171] 0.0695651300 1.0314607326 -2.0653772732 -0.0865188406 -1.1631547204 0.5729574962 -1.2640545629 [191] -0.1991329532 -0.0923899862 -1.9904200615 -1.3877169486 -0.7618046746 0.2040072200 1.9060898324

Data

x y z color

Aesthetics

points boxplot line Geometric objects



01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 Time (Hours)

