Grid Cell	Quadrat #	Stem Density 2023	Stem Density 2024
AH	1	34	41
AH	2	8	23
AH	3	0	57
AH	4	48	50
AH	5	0	6
AH	6	32	21
AH	7	12	33
AH	8	3	25
AL	1	0	45
AL	2	47	20
AL	3	37	48
AL	4	63	45
AL	5	50	18
AL	6	37	59
AL	7	55	47
AL	8	58	53
BH	1	25	19
BH	2	35	28
BH	3	0	16
BH	4	4	36
BH	5	28	56
BH	6	0	13
BH	7	45	37
BH	8	22	31
BL	1	27	ND
BL	2	9	27
BL	3	0	14
BL	4	10	55
BL	5	45	38
BL	6	63	20
BL	7	0	ND
BL	8	105	16
CH	1	20	47
CH	2	9	38
CH	3	45	28
CH	4	10	39
CH	5	20	18
CH	6	40	48
CH	7	19	33
CH	8	9	29
CL	1	9	9
CL	2	17	20
CL	3	32	20
CL	4	5	7
CL	5	ND	32
CL	6	87	16
CL	7	19	16
CL	8	28	35
DH	1	7	18
DH	2	60	42
DH	3	26	27
DH	4	27	29
DH	5	20	45

AH	Density 2023	Density 2024
	34	41
	8	23
	0	57
	48	50
	0	6
	32	21
	12	33
	3	25

t-Test: Paired Two Sample for Means

	Density 2023	*Density 2024*
Mean	17.125	32
Variance	336.4107143	279.7142857
Observations	8	8
Pearson Correlat	0.3432236572	
Hypothesized Me	0	
df	7	
t Stat	-2.089189588	
P(T<=t) one-tail	0.0375298937	
t Critical one-tail	1.894578584	
P(T<=t) two-tail	0.07505978739	
t Critical two-tail	2.364624236	

AL	Density 2023	Density 2024
	0	45
	47	20
	37	48
	63	45
	50	18
	37	59
	55	47
	58	53

t-Test: Paired Two Sample for Means

	Density 2023	*Density 2024*
Mean	43.375	41.875
Variance	393.4107143	221.2678571
Observations	8	8
Pearson Correlat	-0.1150566787	
Hypothesized Me	0	
df	7	
t Stat	0.1623910911	
P(T<=t) one-tail	0.4377930893	
t Critical one-tail	1.894578584	
P(T<=t) two-tail	0.8755861786	
t Critical two-tail	2.364624236	

BH	Density 2023	Density 2024
	25	19
	35	28

CL	Density 2023	Density 2024
	9	9
	17	20
	32	20
	5	7
	0	32
	87	16
	19	16
	28	35

t-Test: Paired Two Sample for Means

	Density 2023	*Density 2024*
Mean	24.625	19.375
Variance	754.5535714	98.26785714
Observations	8	8
Pearson Correlat	-0.02354266588	
Hypothesized Me	0	
df	7	
t Stat	0.5047018795	
P(T<=t) one-tail	0.3146324894	
t Critical one-tail	1.894578584	
P(T<=t) two-tail	0.6292649789	
t Critical two-tail	2.364624236	

DH	Density 2023	Density 2024
	7	18
	60	42
	26	27
	27	29
	20	45
	19	35
	60	36
	0	22

t-Test: Paired Two Sample for Means

	Density 2023	*Density 2024*
Mean	27.375	31.75
Variance	488.5535714	89.07142857
Observations	8	8
Pearson Correlat	0.6182215675	
Hypothesized Me	0	
df	7	
t Stat	-0.692076589	
P(T<=t) one-tail	0.2555928304	
t Critical one-tail	1.894578584	
P(T<=t) two-tail	0.5111856608	
t Critical two-tail	2.364624236	

DL	Density 2023	Desnity 2024
	14	0

FH	Density 2023	Density 2024
	0	6
	36	42.0
	23	24
	7	19.0
	2	12
	6	0.0
	24	69
	3	6.0

t-Test: Paired Two Sample for Means

	Density 2023	*Density 2024*
Mean	12.625	22.25
Variance	174.8392857	531.0714286
Observations	8	8
Pearson Correlat	0.7724978866	
Hypothesized Me	0	
df	7	
t Stat	-1.775400457	
P(T<=t) one-tail	0.0595464464	
t Critical one-tail	1.894578584	
P(T<=t) two-tail	0.1190928928	
t Critical two-tail	2.364624236	

FL	Density 2023	Density 2024
	41	21.0
	5	0.0
	46	21.0
	9	18.0
	53	57.0
	25	35.0
	45	48.0
	8	30.0

t-Test: Paired Two Sample for Means

	Density 2023	*Density 2024*
Mean	29	28.75
Variance	385.4285714	324.5
Observations	8	8
Pearson Correlat	0.6523718058	
Hypothesized Me	0	
df	7	
t Stat	0.0448561304	
P(T<=t) one-tail	0.482737391	
t Critical one-tail	1.894578584	
P(T<=t) two-tail	0.9654747821	
t Critical two-tail	2.364624236	

DH	6	19	35
DH	7	60	36
DH	8	0	22
DL	1	14	0
DL	2	0	ND
DL	3	0	ND
DL	4	0	14
DL	5	0	ND
DL	6	0	ND
DL	7	0	ND
DL	8	16	15
EH	1	10	12.0
EH	2	0	1
EH	3	0	5
EH	4	7	23
EH	5	21	22
EH	6	4	14
EH	7	0	17
EH	8	14	8
EL	1	38	30.0
EL	2	46	17.0
EL	3	13	58
EL	4	22	14.0
EL	5	14	34
EL	6	7	23
EL	7	0	17
EL	8	7	37
FH	1	0	6
FH	2	36	42.0
FH	3	23	24
FH	4	7	19.0
FH	5	2	12
FH	6	6	0.0
FH	7	24	69
FH	8	3	6.0
FL	1	41	21.0
FL	2	5	
FL	3	46	21.0
FL	4	9	18.0
FL	5	53	57.0
FL	6	25	35.0
FL	7	45	48.0
FL	8	8	30.0

	0	16
	4	36
	28	56
	0	13
	45	37
	22	31

t-Test: Paired Two Sample for Means

	Density 2023	*Density 2024*
Mean	19.875	29.5
Variance	285.5535714	195.7142857
Observations	8	8
Pearson Correlat	0.4976345233	
Hypothesized Me	0	
df	7	
t Stat	-1.735777048	
P(T<=t) one-tail	0.06309163098	
t Critical one-tail	1.894578584	
P(T<=t) two-tail	0.126183262	
t Critical two-tail	2.364624236	

BL	Density 2023	Density 2024
	27	0
	9	27
	0	14
	10	55
	45	38
	63	20
	0	0
	105	16

t-Test: Paired Two Sample for Means

	Density 2023	*Density 2024*
Mean	32.375	21.25
Variance	1363.410714	348.2142857
Observations	8	8
Pearson Correlat	-0.0125953894	
Hypothesized Me	0	
df	7	
t Stat	0.7567453469	
P(T<=t) one-tail	0.2369487828	
t Critical one-tail	1.894578584	
P(T<=t) two-tail	0.4738975657	
t Critical two-tail	2.364624236	

CH	Density 2023	Density 2024
	20	47
	9	38
	45	28
	10	39
	20	18
	40	48
	19	33

	0	0
	0	0
	0	14
	0	0
	0	0
	0	0
	16	15

t-Test: Paired Two Sample for Means

	Density 2023	*Desnity 2024*
Mean	3.75	3.625
Variance	48.5	45.125
Observations	8	8
Pearson Correlat	0.4007945389	
Hypothesized Me	0	
df	7	
t Stat	0.04719291782	
P(T<=t) one-tail	0.4818388362	
t Critical one-tail	1.894578584	
P(T<=t) two-tail	0.9636776724	
t Critical two-tail	2.364624236	

EH	Density 2023	Density 2024
	10	12.0
	0	1
	0	5
	7	23
	21	22
	4	14
	0	17
	14	8

t-Test: Paired Two Sample for Means

	Density 2023	*Density 2024*
Mean	7	12.75
Variance	58.57142857	61.64285714
Observations	8	8
Pearson Correlat	0.4683644221	
Hypothesized Me	0	
df	7	
t Stat	-2.034067395	
P(T<=t) one-tail	0.04071130674	
t Critical one-tail	1.894578584	
P(T<=t) two-tail	0.08142261349	
t Critical two-tail	2.364624236	

EL	Density 2023	Density 2024
	38	30.0
	46	17.0
	13	58
	22	14.0
	14	34
	7	23

	9	29

t-Test: Paired Two Sample for Means

	Density 2023	*Density 2024*
Mean	21.5	35
Variance	192.8571429	102.2857143
Observations	8	8
Pearson Correlat	0.08137042636	
Hypothesized Me	0	
df	7	
t Stat	-2.314015874	
P(T<=t) one-tail	0.02693358683	
t Critical one-tail	1.894578584	
P(T<=t) two-tail	0.05386717365	
t Critical two-tail	2.364624236	

	0	17
	7	37

t-Test: Paired Two Sample for Means

	Density 2023	*Density 2024*
Mean	18.375	28.75
Variance	257.9821429	211.3571429
Observations	8	8
Pearson Correlat	-0.211830482	
Hypothesized Me	0	
df	7	
t Stat	-1.230995748	
P(T<=t) one-tail	0.1290384384	
t Critical one-tail	1.894578584	
P(T<=t) two-tail	0.2580768768	
t Critical two-tail	2.364624236	