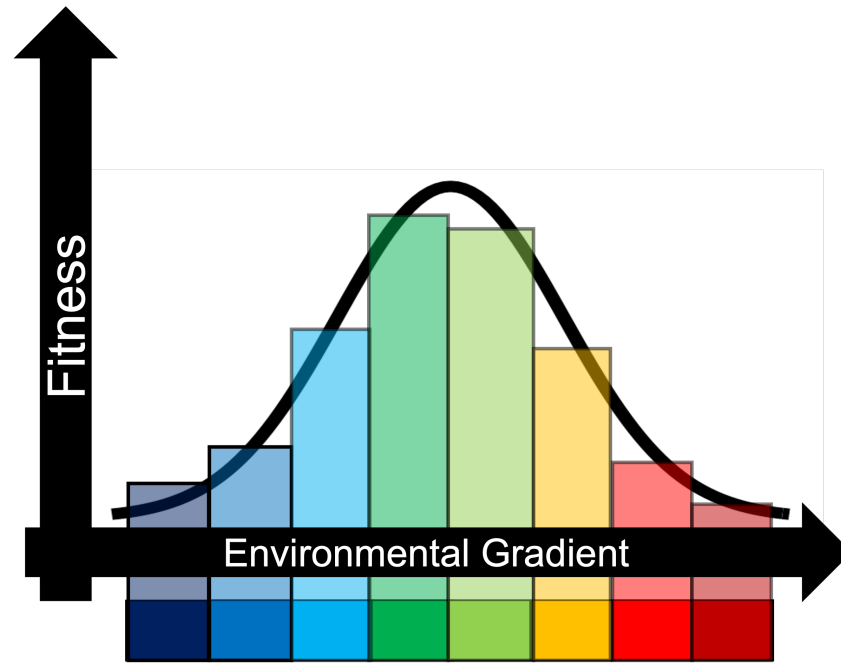


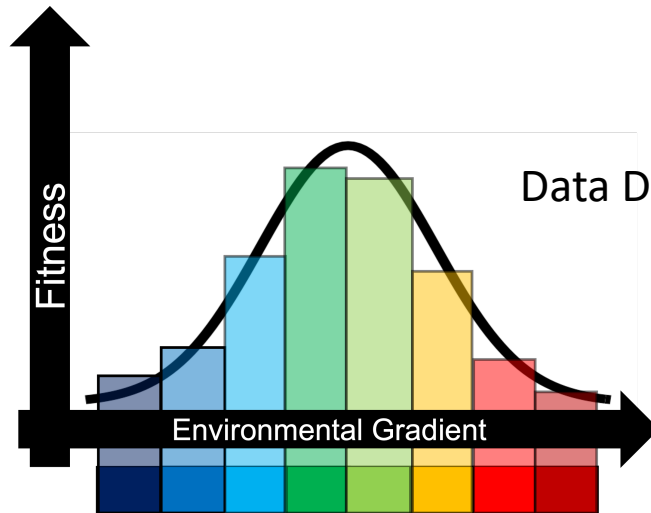
Environment	Day	TEMP (F)
Env_1	1	59.00
Env_1	2	62.60
Env_1	3	72.00
Env_1	4	68.00
Env_1	5	78.00
Env_2	1	33.00
Env_2	2	31.00
Env_2	3	29.00
Env_2	4	38.00
Env_2	5	42.00
Env_3	1	77.00
Env_3	2	82.40
Env_3	3	91.00
Env_3	4	73.40
Env_3	5	78.80
Env_4	1	32.00
Env_4	2	41.00
Env_4	3	32.00
Env_4	4	42.80
Env_4	5	46.40
Env_5	1	53.60
Env_5	2	59.00
Env_5	3	60.80
Env_5	4	59.00
Env_5	5	55.40



E.g., Temperature (daily), for 5 different environmental units
(combination of location-planting date)

Environment	Day	TEMP (F)
Env_1	1	59.00
Env_1	2	62.60
Env_1	3	72.00
Env_1	4	68.00
Env_1	5	78.00
Env_2	1	33.00
Env_2	2	31.00
Env_2	3	29.00
Env_2	4	38.00
Env_2	5	42.00
Env_3	1	77.00
Env_3	2	82.40
Env_3	3	91.00
Env_3	4	73.40
Env_3	5	78.80
Env_4	1	32.00
Env_4	2	41.00
Env_4	3	32.00
Env_4	4	42.80
Env_4	5	46.40
Env_5	1	53.60
Env_5	2	59.00
Env_5	3	60.80
Env_5	4	59.00
Env_5	5	55.40

Data Processing



Data Distribution (Inspired by Shelford Law)

Feature Classification

Environment	Day	TEMP [20,30)	TEMP [30,40)	TEMP [40,50)	TEMP [50,60)	TEMP [60,70)	TEMP [70,80)	TEMP [80,90)	TEMP [90,100)
Env_1	1	0	0	0	1	0	0	0	0
Env_1	2	0	0	0	0	1	0	0	0
Env_1	3	0	0	0	0	0	1	0	0
Env_1	4	0	0	0	0	1	0	0	0
Env_1	5	0	0	0	0	0	1	0	0
Env_2	1	0	1	0	0	0	0	0	0
Env_2	2	0	1	0	0	0	0	0	0
Env_2	3	1	0	0	0	0	0	0	0
Env_2	4	0	1	0	0	0	0	0	0
Env_2	5	0	0	1	0	0	0	0	0
Env_3	1	0	0	0	0	0	1	0	0
Env_3	2	0	0	0	0	0	0	1	0
Env_3	3	0	0	0	0	0	0	0	1
Env_3	4	0	0	0	0	0	1	0	0
Env_3	5	0	0	0	0	0	1	0	0
Env_4	1	0	1	0	0	0	0	0	0
Env_4	2	0	0	1	0	0	0	0	0
Env_4	3	0	1	0	0	0	0	0	0
Env_4	4	0	0	1	0	0	0	0	0
Env_4	5	0	0	1	0	0	0	0	0
Env_5	1	0	0	0	1	0	0	0	0
Env_5	2	0	0	0	1	0	0	0	0
Env_5	3	0	0	0	0	1	0	0	0
Env_5	4	0	0	0	1	0	0	0	0
Env_5	5	0	0	0	1	0	0	0	0

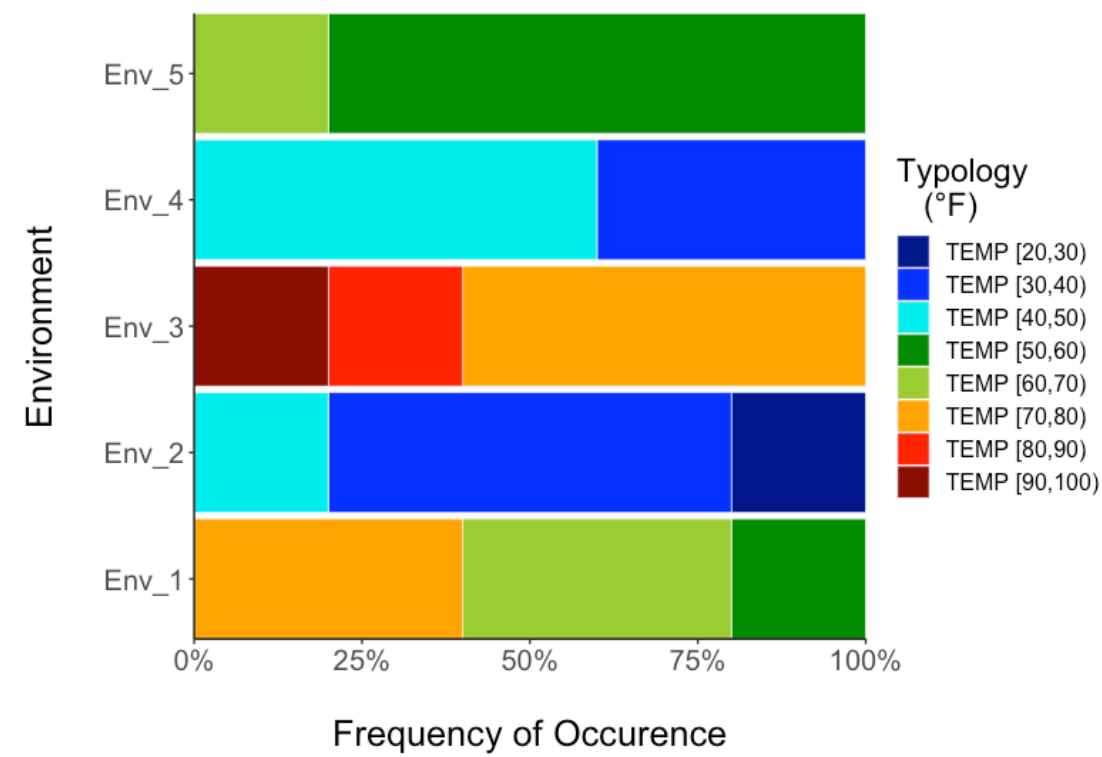
Environment	Day	TEMP (F)
Env_1	1	59.00
Env_1	2	62.60
Env_1	3	72.00
Env_1	4	68.00
Env_1	5	78.00
Env_2	1	33.00
Env_2	2	31.00
Env_2	3	29.00
Env_2	4	38.00
Env_2	5	42.00
Env_3	1	77.00
Env_3	2	82.40
Env_3	3	91.00
Env_3	4	73.40
Env_3	5	78.80
Env_4	1	32.00
Env_4	2	41.00
Env_4	3	32.00
Env_4	4	42.80
Env_4	5	46.40
Env_5	1	53.60
Env_5	2	59.00
Env_5	3	60.80
Env_5	4	59.00
Env_5	5	55.40

Environment	Day	TEMP [20,30)	TEMP [30,40)	TEMP [40,50)	TEMP [50,60)	TEMP [60,70)	TEMP [70,80)	TEMP [80,90)	TEMP [90,100)
Env_1	1	0	0	0	1	0	0	0	0
Env_1	2	0	0	0	0	1	0	0	0
Env_1	3	0	0	0	0	0	1	0	0
Env_1	4	0	0	0	0	1	0	0	0
Env_1	5	0	0	0	0	0	1	0	0
Env_2	1	0	1	0	0	0	0	0	0
Env_2	2	0	1	0	0	0	0	0	0
Env_2	3	1	0	0	0	0	0	0	0
Env_2	4	0	1	0	0	0	0	0	0
Env_2	5	0	0	1	0	0	0	0	0
Env_3	1	0	0	0	0	0	1	0	0
Env_3	2	0	0	0	0	0	0	1	0
Env_3	3	0	0	0	0	0	0	0	1
Env_3	4	0	0	0	0	0	1	0	0
Env_3	5	0	0	0	0	0	1	0	0
Env_4	1	0	1	0	0	0	0	0	0
Env_4	2	0	0	1	0	0	0	0	0
Env_4	3	0	1	0	0	0	0	0	0
Env_4	4	0	0	1	0	0	0	0	0
Env_4	5	0	0	1	0	0	0	0	0
Env_5	1	0	0	0	1	0	0	0	0
Env_5	2	0	0	0	1	0	0	0	0
Env_5	3	0	0	0	0	1	0	0	0
Env_5	4	0	0	0	1	0	0	0	0
Env_5	5	0	0	0	1	0	0	0	0

Feature Frequency summarized by environment

Environment	TEMP [20,30)	TEMP [30,40)	TEMP [40,50)	TEMP [50,60)	TEMP [60,70)	TEMP [70,80)	TEMP [80,90)	TEMP [90,100)
Env_1	0	0	0	1	2	2	0	0
Env_2	1	3	1	0	0	0	0	0
Env_3	0	0	0	0	0	3	1	1
Env_4	0	2	3	0	0	0	0	0
Env_5	0	0	0	4	1	0	0	0

Environmental Profile given by the shared Feature Frequencies



Similarity matrix from the environmental profiles

