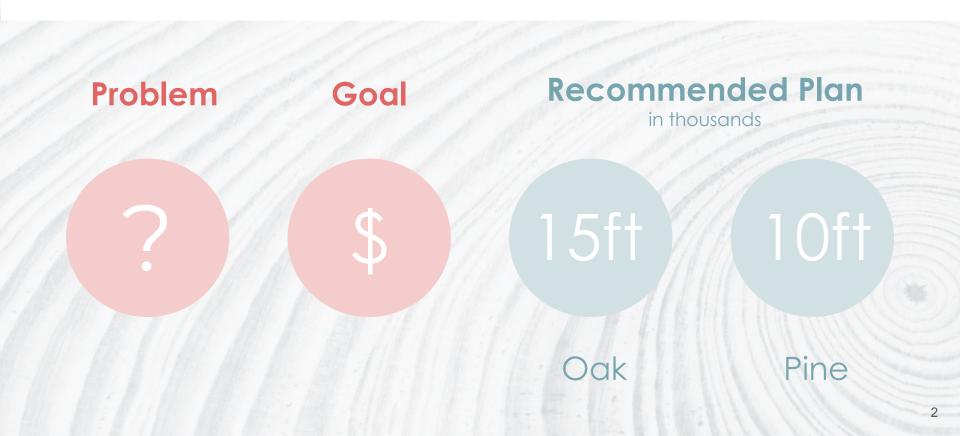
Baker Products

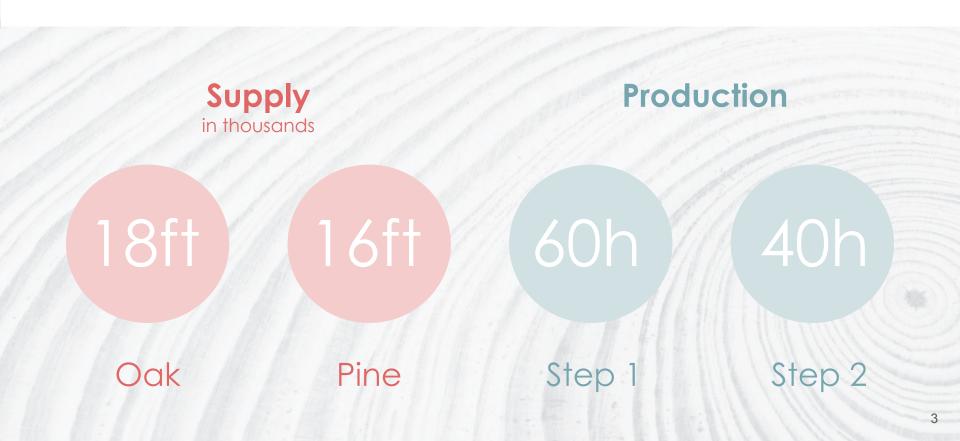
The Chronovisors

Jackson Oliveira Bhavana Kamal David (Jiazhu Zhuang)

Executive Summary

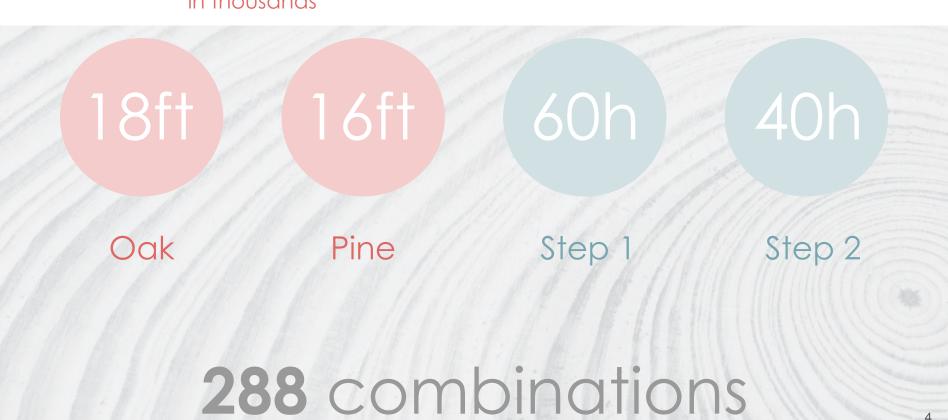


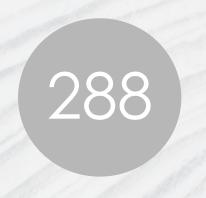
Constraints





Production





How do we choose the right scenarios with confidence?



How do we choose the right scenarios with confidence?

Maximizing machine hours



Two-parameter analysis - Step 1

Pine

	1,
	K
\smile	

60h	2	4	6	8	10	12	14	16
3	12	18	24	30	36	42	48	54
6	18	24	30	36	42	48	54	60
9	24	30	36	42	48	54	60	66
12	30	36	42	48	54	60	66	72
15	36	42	48	54	60	66	72	78
18	42	48	54	60	66	72	78	84

Data table for illustration purposes only

Two-parameter analysis - Step 1

Pine

		
\cup	U	K

60h	2	4	6	8	10	12	14	16
3	12	08	24	30	36	42	48	54
6	18	24	30	36	42	48	54	60
9	24	30	36	42	48	54	60	66
12	30	36	42	48	54	60	66	72
15	36	42	48	54	60	66	72	78
18	42	48	54	60	66	72	78	84

Data table for illustration purposes only

Two-parameter analysis - Step 1

Pine

Oak

60h	2	4	6	8	10	12	14	16
3	12	18	24	30	36	42	48	54
6	18	24	30	36	42	48	54	60
9	24	30	36	42	48	54	60	66
12	30	36	42	48	54	60	66	72
15	36	42	48	54	60	66	72	78
18	42	48	54	60	66	72	78	84

Data table for illustration purposes only

11 Scenarios

Scenario Number	Scenario Name	Oak	Pine
1	Scenario A	18	8
2	Scenario B	12	12
3	Scenario C	9	14
4	Scenario D	6	16
5	Scenario E	15	10
6	Scenario F	16	8
7	Scenario G	17	6
8	Scenario H	18	4
9	Scenario I	12	16
10	Scenario J	13	14
11	Scenario L	14	12

Scenario Number	Scenario Name	Oak	Pine	Step 1	Step 2	Contri	bution
1	Scenario A	18	8	60	44	\$	960
2	Scenario B	12	12	60	36	\$	840
3	Scenario C	9	14	60	32	\$	780
4	Scenario D	6	16	60	28	\$	720
5	Scenario E	15	10	60	40	\$	900
6	Scenario F	16	8	56	40	\$	880
7	Scenario G	17	6	52	40	\$	860
8	Scenario H	18	4	48	40	\$	840
9	Scenario I	12	16	72	40	\$	960
10	Scenario J	13	14	68	40	\$	940
11	Scenario L	14	12	64	40	\$	920

Scenario Number	Scenario Name	Oak	Pine	Step 1	Step 2	Contri	ibution
1	Scenario A	18	8	60	44	\$	960
2	Scenario B	12	12	60	36	\$	840
3	Scenario C	9	14	60	32	\$	780
4	Scenario D	6	16	60	28	\$	720
5	Scenario E	15	10	60	40	\$	900
6	Scenario F	16	8	56	40	\$	880
7	Scenario G	17	6	52	40	\$	860
8	Scenario H	18	4	48	40	\$	840
9	Scenario I	12	16	72	40	\$	960
10	Scenario J	13	14	68	40	\$	940
11	Scenario L	14	12	64	40	\$	920

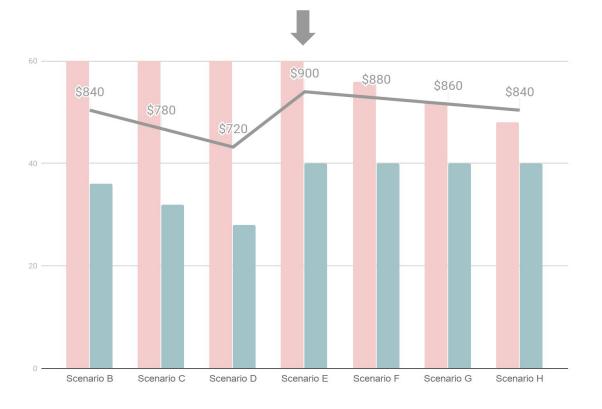
7 Scenarios

Scenario Number	Scenario Name	Oak	Pine	Step 1	Step 2	Contri	ibution
2	Scenario B	12	12	60	36	\$	840
3	Scenario C	9	14	60	32	\$	780
4	Scenario D	6	16	60	28	\$	720
5	Scenario E	15	10	60	40	\$	900
6	Scenario F	16	8	56	40	\$	880
7	Scenario G	17	6	52	40	\$	860
8	Scenario H	18	4	48	40	\$	840

Graph Analysis

Step 1
Step 2
Contribut

— Contribution





Future Use



The model accommodates changes in the inputs.



Thank you for listening!