2020 Eighth Annual Case Competition

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BLOCK DENTAL

- Founded 2012
- New businesses
- Loss Ratio: 88%→70%





PROBLEM

Loss Ratio of 88%

SOLUTION

Stricter Renewal Policy

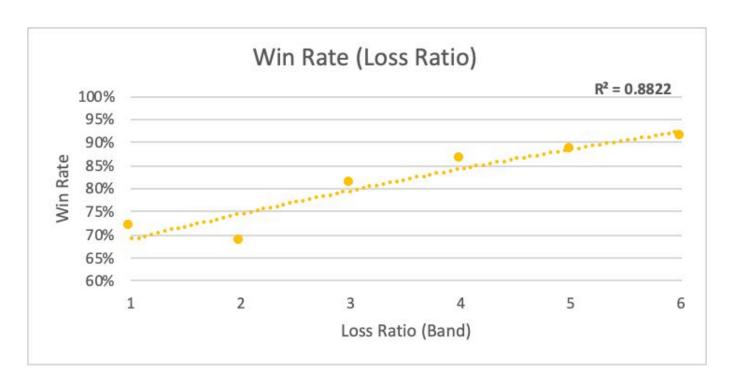


Win Rate

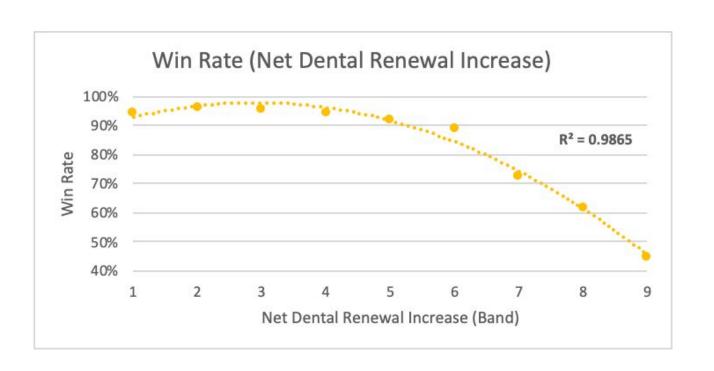
Win Cases

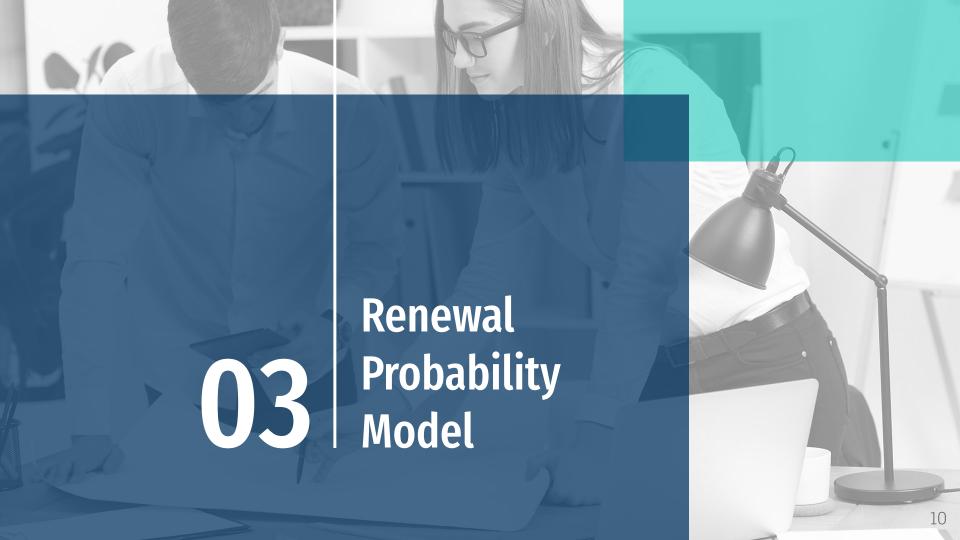
Total Cases

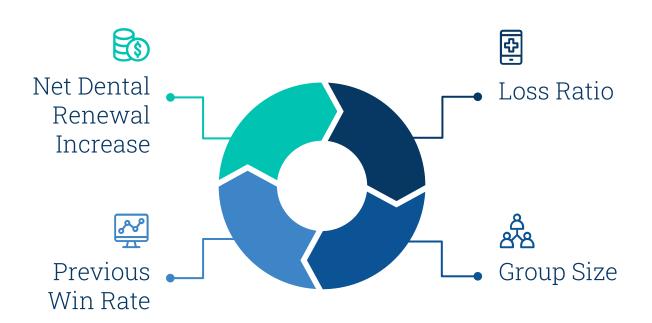
Loss Ratio



Net Dental Renewal Increase







Assumptions



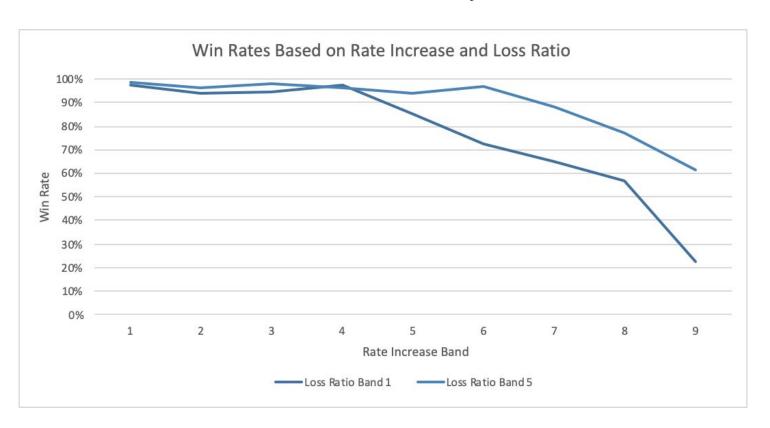


- Loss Ratio (6 bands)
- Renewal Increase (9 bands)



Group Sizes of Closed Win Groups

Total Group Sizes



Renewal Probability Model - Implementation

revenue= (1+rate increase)*win rate

(75,100](100,150](150,9999]97.29% 98.97% 99.25% (-100,0)0 96.35% 96.31% 97.98% 96.68% 98.21% 99.31% Rate Increase (0,2](2,4]92.81% 96.21% 98.08% (4,6]92.86% 94.14% 99.74% (6,10]98.74% 96.77% 97.84% (10,15]84.78% 88.52% 85.32% (15,20]63.82% 77.07% 95.50% 64.10% 61.24% 68.16% (20,9001]

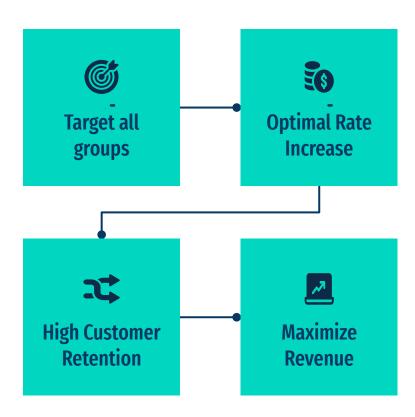
Loss Ratio

04 BUSINESS STRATEGY

Strategy #1



Strategy #2





OUR STRATEGIES



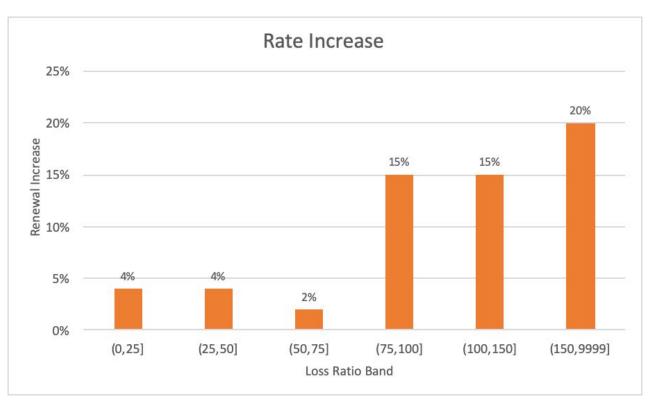
Combined Renewal Strategy



#1 + #2



Combined Strategy

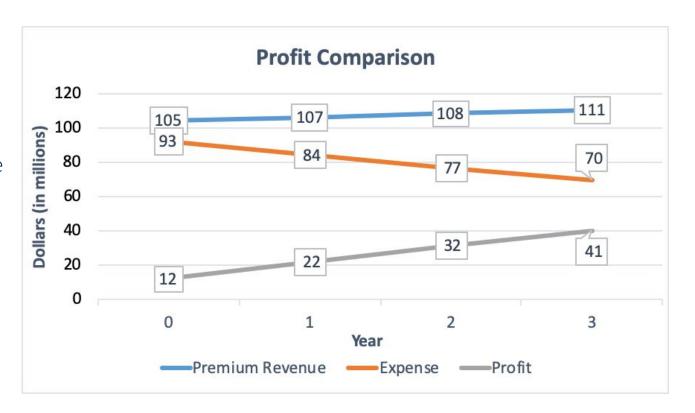


Projected 3 Year Plan

Strategy #1
Implementation

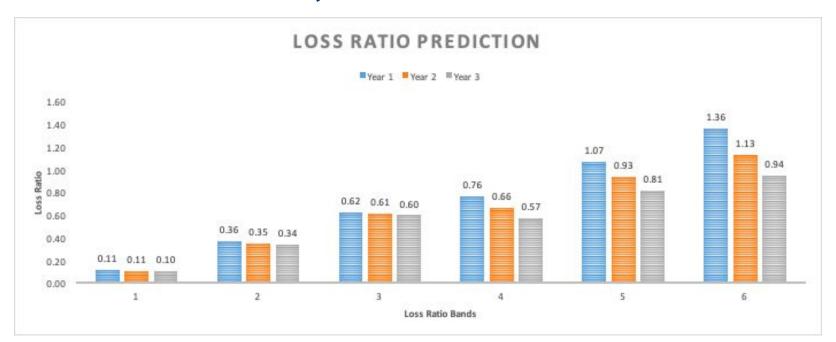
Expenses decrease and revenue increases steadily

II
Increase profit
overall





Projected 3 Year Plan



Combined Strategy Desired Outcome

Decrease loss ratios so that average for all bands is < 70%.

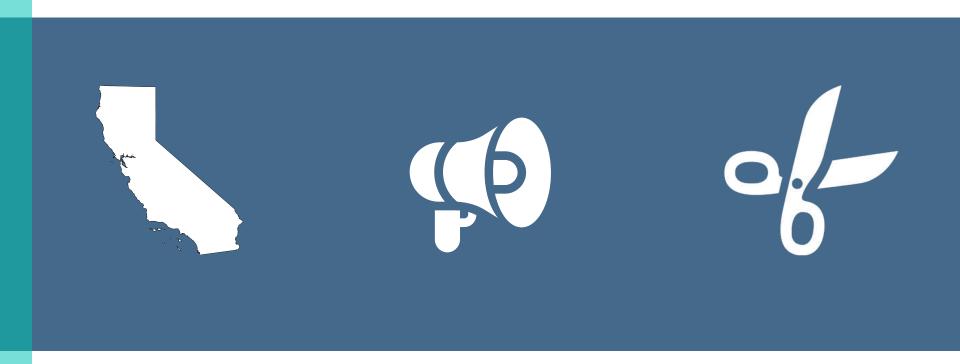


Not Included





Additional Solutions



Solution:

Raise the premium cost by small increments for groups with loss ratios <0.7 and raise premium by large increments for remaining groups.

THANK YOU