

# FinGain Homework

## FinGain Part 1:

Q1)

- a. \$4,059,124.28
- b. \$4,225,086.31

Q2)

- a. Yes, we can see it increases their expected profit by almost \$200,000 dollars.
- b. Assumptions:
  - a. 8% discount rate
  - b. 5% revenue increase per year
  - c. Subsidy is only cost
  - d. Subsidy causes change in survival rates
  - e. All businesses in equal situations

## FinGain Part 2:

Q1) Calculations for non-subsidized clinics below. Calculation in attached excel file.

ID	
1001	621012.087
1002	319155.832
1003	1156073.52
1004	890316.31
1005	1121469.75
1006	1088285.06
1007	1196804.36
1008	768049.388
1009	1022557.08
1010	843107.633
1011	686583.828
1012	1060602.54
1013	783674.279
1014	903730.212
1015	633377.902
1016	577217.39
1017	1170355.27
1018	532851.17
1019	1081761.54
1020	950195.489
1021	1043177.17
1022	373152.53
1023	1060249.37

**Q2)** Calculations for subsidized clinics below. Calculation in attached excel file.

<b>ID</b>	
1001	\$ 633,251
1002	\$ 319,156
1003	\$1,228,385
1004	\$ 906,478
1005	\$1,161,326
1006	\$1,139,455
1007	\$1,211,674
1008	\$ 797,311
1009	\$1,052,163
1010	\$ 848,236
1011	\$ 704,830
1012	\$1,088,421
1013	\$ 816,886
1014	\$ 929,803
1015	\$ 636,609
1016	\$ 581,342
1017	\$1,228,133
1018	\$ 547,087
1019	\$1,090,277
1020	\$ 955,657
1021	\$1,070,156
1022	\$ 373,153
1023	\$1,127,682

**Q3)** Calculations for ROI below. Calculation in attached excel file.

<b>ROI</b>
<b>100.30%</b>
<b>\$ 563,710</b>