

**Estudo de Viabilidade Técnica, Econômica, Social, Ambiental e Jurídico-Legal**

**VOLUME II**

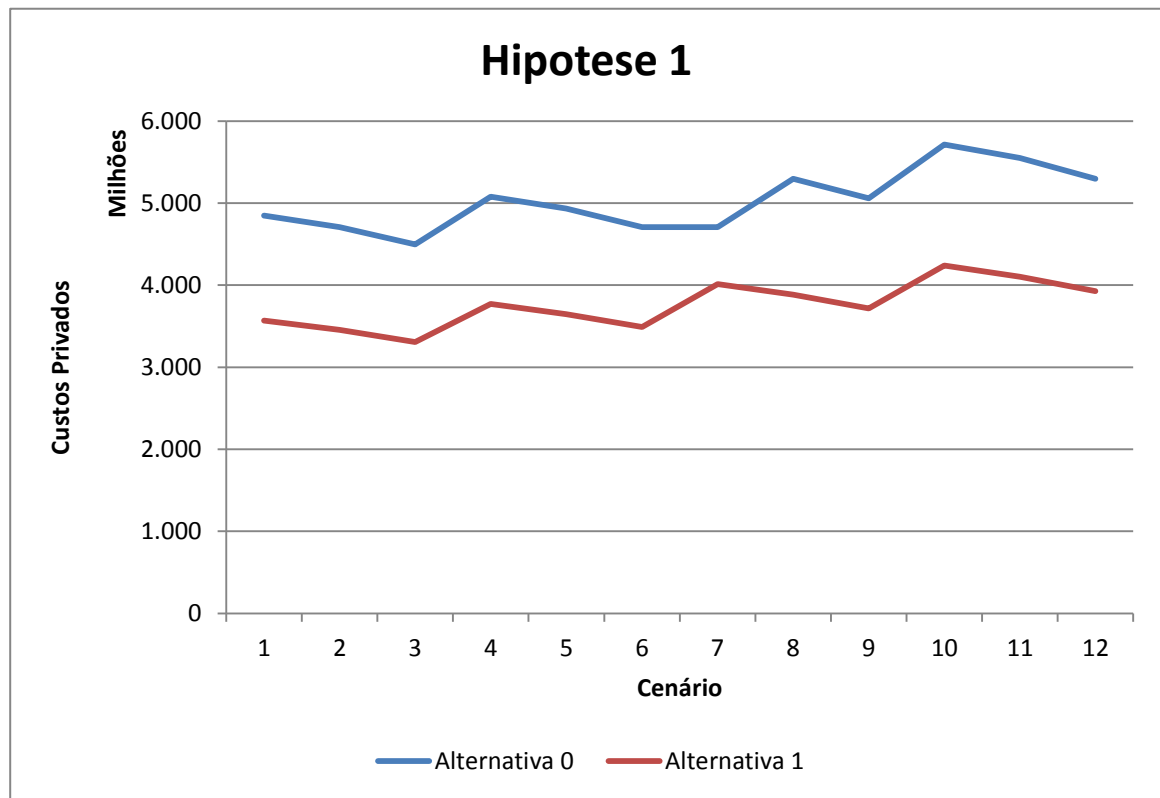
**APÊNDICE 5**

**SÍNTESE - DESPESAS PELO CONCESSIONÁRIO - HIPÓTESES 1 E 2**

**Agosto de 2013**

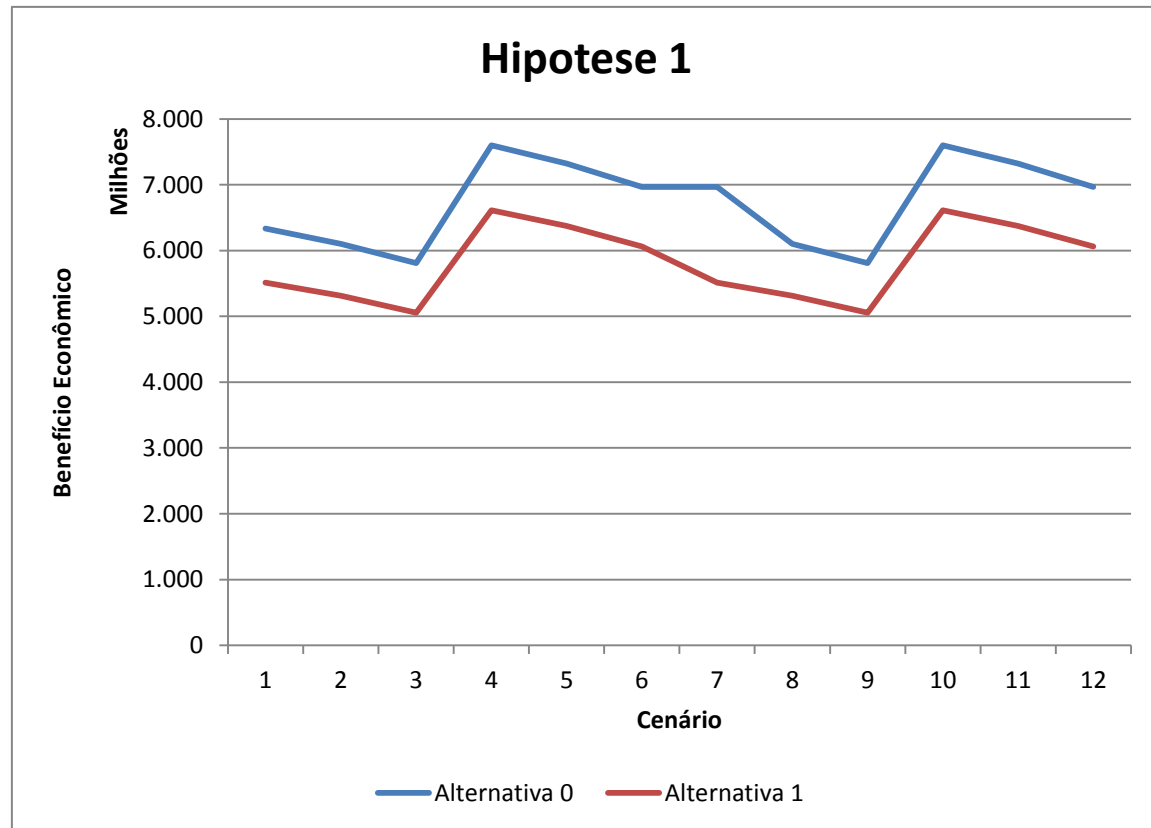
Despesas pelo Concessionário -  
 Hipótese 1  
 Custos Privados

Cenário	Alternativa 0	Alternativa 1
1	4.846.784.180	3.568.208.228
2	4.708.828.451	3.454.011.428
3	4.496.839.326	3.305.417.399
4	5.078.117.210	3.769.550.796
5	4.931.786.043	3.648.064.366
6	4.708.992.228	3.490.066.388
7	4.708.992.228	4.014.234.257
8	5.297.432.007	3.885.762.857
9	5.058.944.242	3.718.594.574
10	5.712.881.861	4.240.744.645
11	5.548.259.299	4.104.072.412
12	5.297.616.257	3.926.324.687



Despesas pelo Concessionário - Hipótese 1  
Benefício Econômico

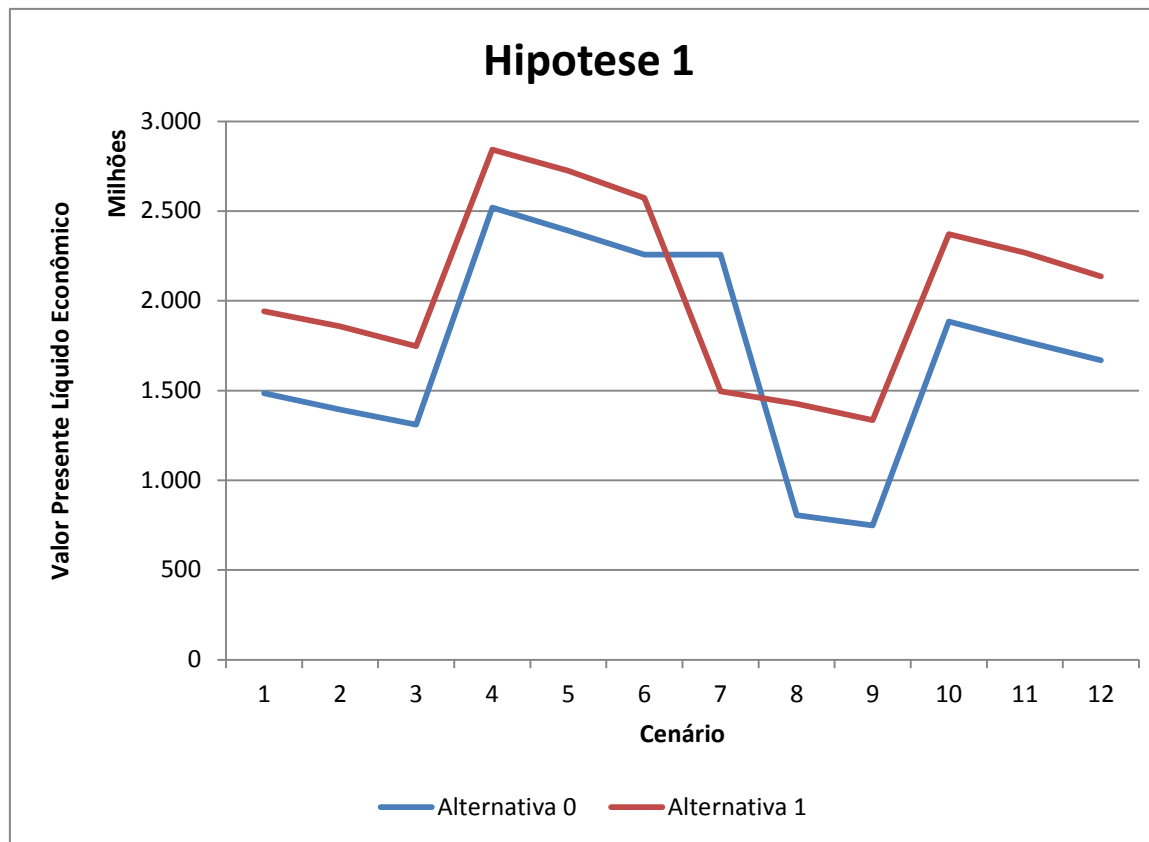
Cenário	Alternativa 0	Alternativa 1
1	6.332.400.064	5.510.511.686
2	6.103.384.192	5.311.185.876
3	5.806.910.311	5.053.357.883
4	7.597.502.571	6.611.603.853
5	7.322.683.525	6.372.412.880
6	6.967.121.493	6.063.157.039
7	6.967.121.493	5.510.511.686
8	6.103.384.192	5.311.185.876
9	5.806.910.311	5.053.357.883
10	7.597.502.571	6.611.603.853
11	7.322.683.525	6.372.412.880
12	6.967.121.493	6.063.157.039



## Despesas pelo Concessionário - Hipótese 1

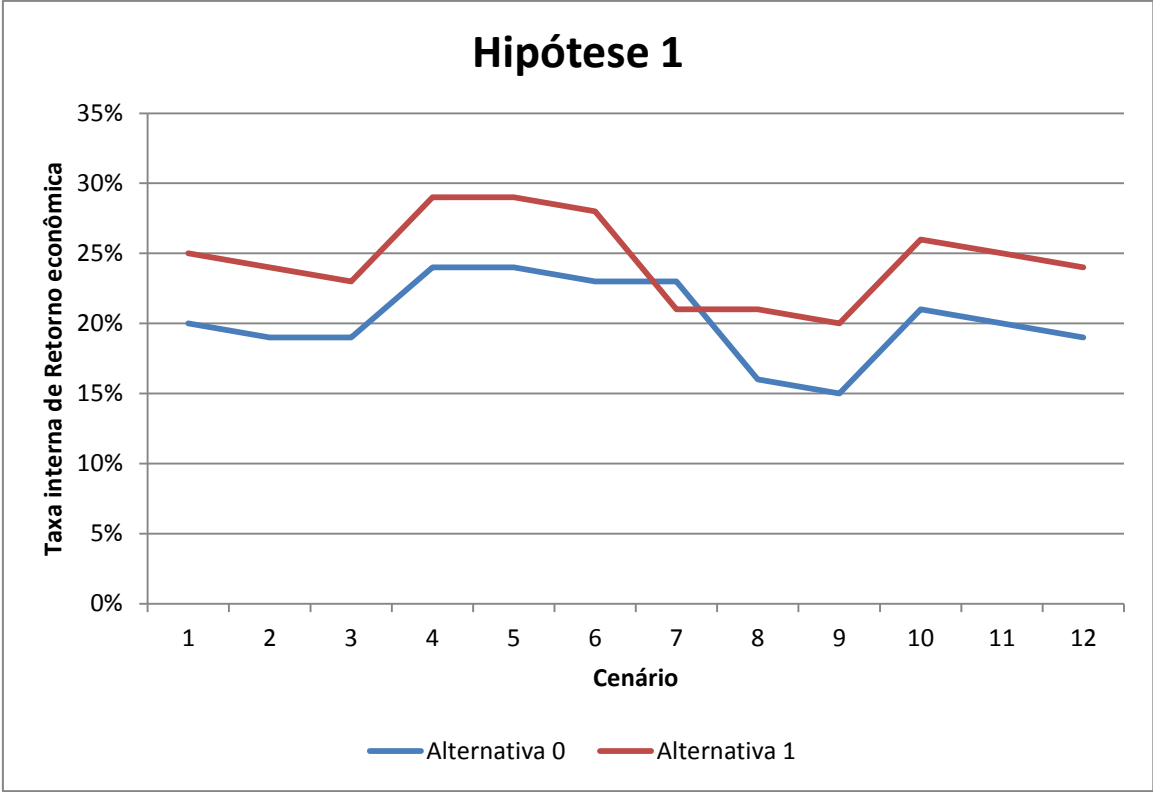
Valor Presente Líquido Econômico

Cenário	Alternativa 0	Alternativa 1
1	1.485.615.884	1.942.303.458
2	1.394.555.741	1.857.174.448
3	1.310.070.984	1.747.940.483
4	2.519.385.361	2.842.053.057
5	2.390.897.482	2.724.348.514
6	2.258.129.265	2.573.090.651
7	2.258.129.265	1.496.277.430
8	805.952.185	1.425.423.019
9	747.966.068	1.334.763.308
10	1.884.620.710	2.370.859.208
11	1.774.424.226	2.268.340.468
12	1.669.505.236	2.136.832.352



Despesas pelo Concessionário - Hipótese 1  
Taxa Interna de Retorno Econômica

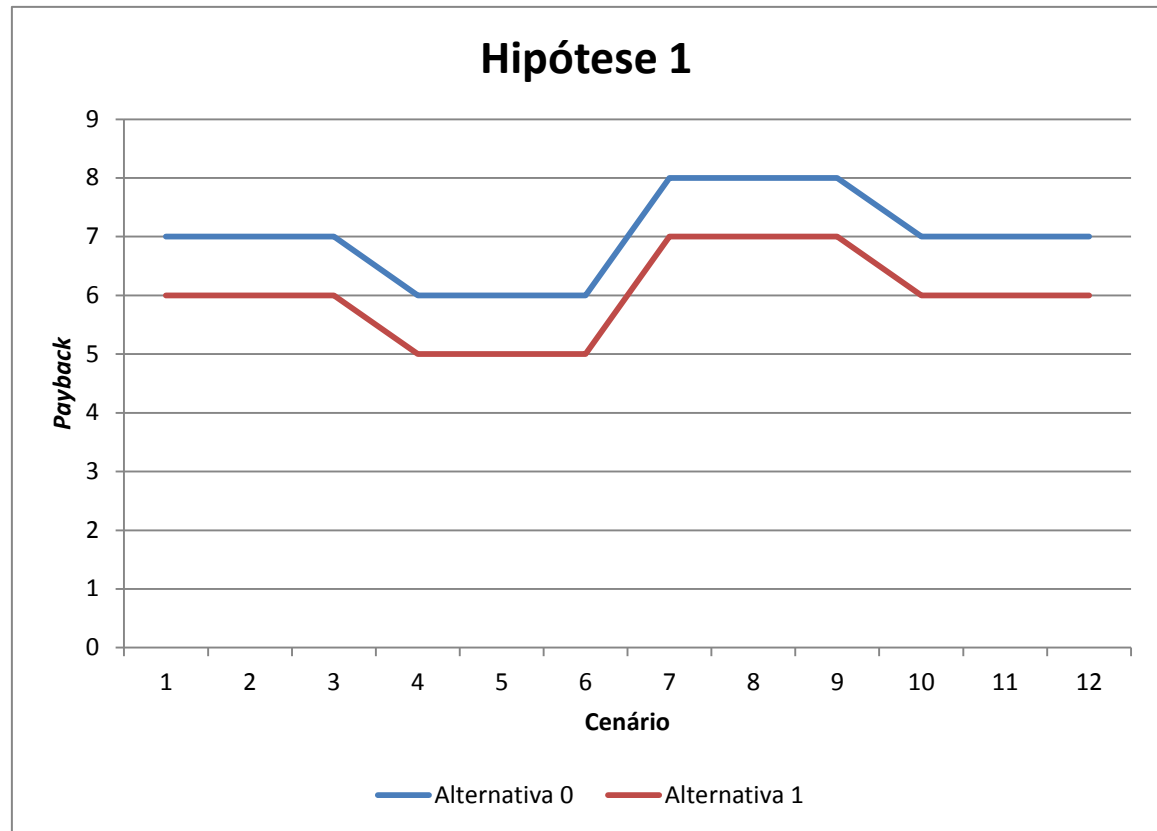
Cenário	Alternativa 0	Alternativa 1
1	20%	25%
2	19%	24%
3	19%	23%
4	24%	29%
5	24%	29%
6	23%	28%
7	23%	21%
8	16%	21%
9	15%	20%
10	21%	26%
11	20%	25%
12	19%	24%



Despesas pelo Concessionário - Hipótese 1

Payback

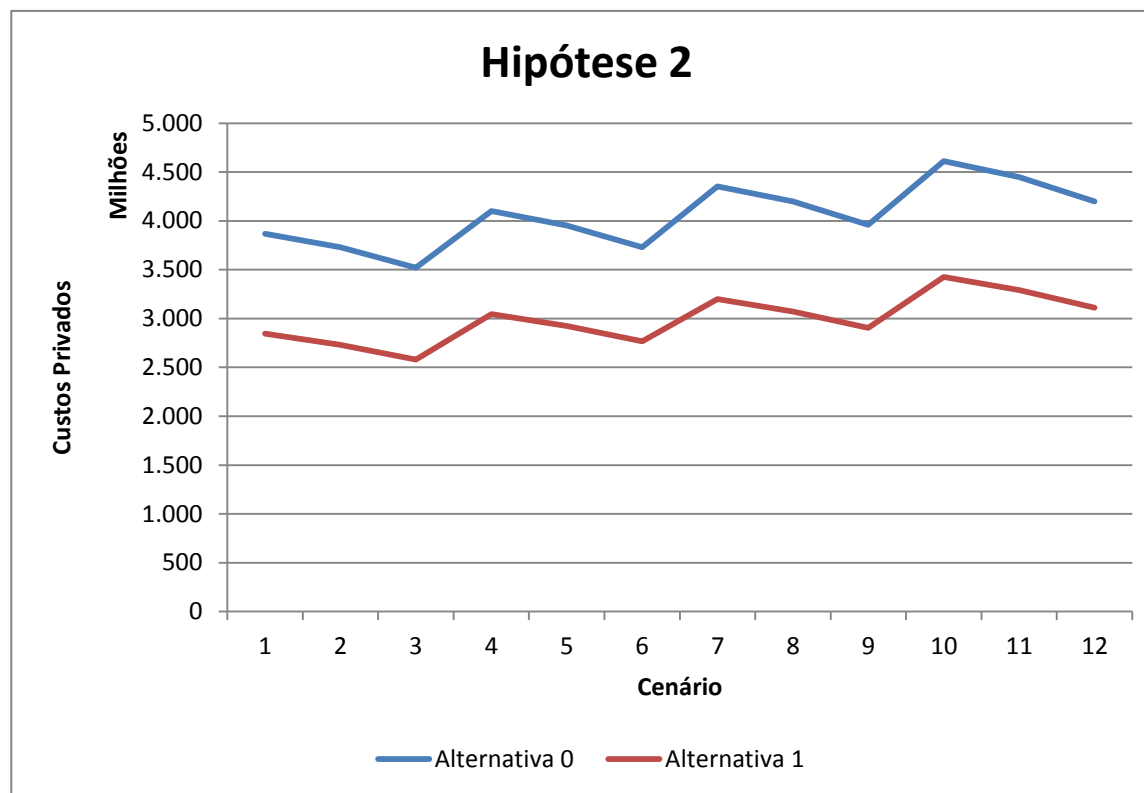
Cenário	Alternativa 0	Alternativa 1
1	7	6
2	7	6
3	7	6
4	6	5
5	6	5
6	6	5
7	8	7
8	8	7
9	8	7
10	7	6
11	7	6
12	7	6



## Despesas pelo Concessionário - Hipótese 2

### Custos Privados

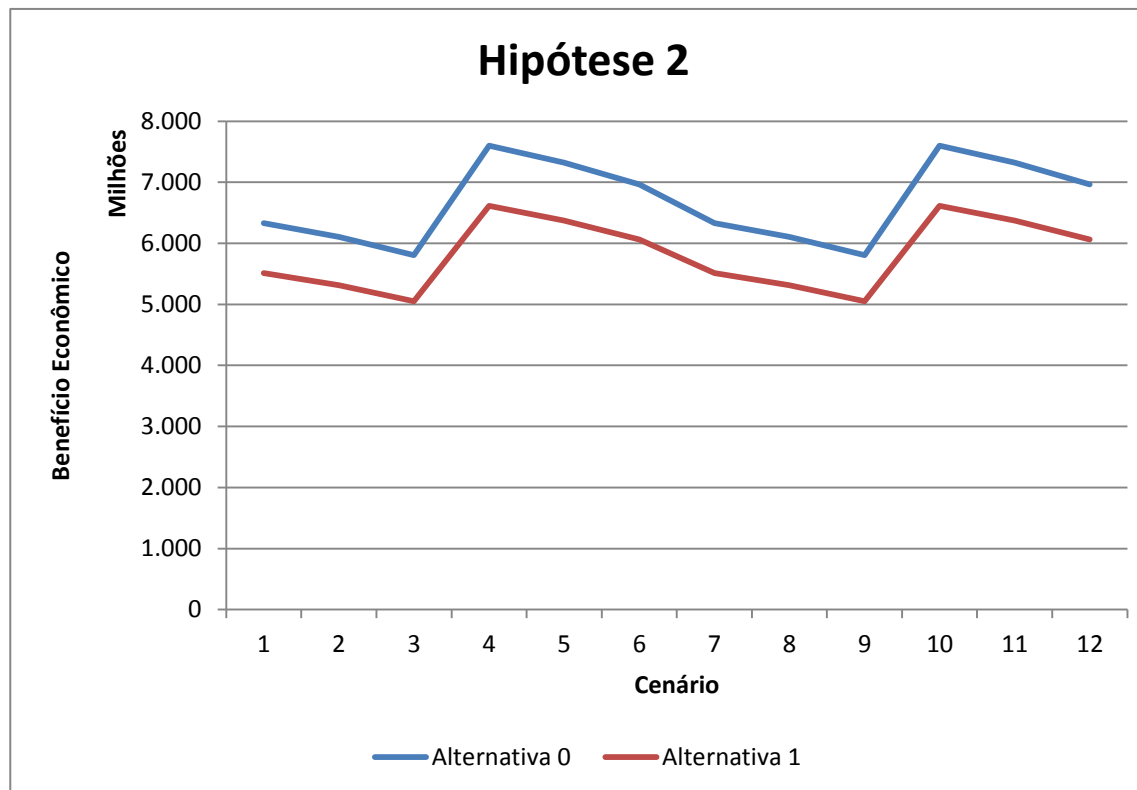
Cenário	Alternativa 0	Alternativa 1
1	3.869.752.927	2.844.592.815
2	3.731.797.198	2.730.396.015
3	3.519.808.073	2.581.801.986
4	4.101.085.957	3.045.935.383
5	3.954.754.790	2.924.448.953
6	3.731.960.975	2.766.450.975
7	4.353.472.043	3.200.166.917
8	4.198.271.848	3.071.695.517
9	3.959.784.082	2.904.527.235
10	4.613.721.701	3.426.677.305
11	4.449.099.139	3.290.005.072
12	4.198.456.097	3.112.257.347



## Despesas pelo Concessionário - Hipótese 2

### Benefício Econômico

Cenário	Alternativa 0	Alternativa 1
1	6.332.400.064	5.510.511.686
2	6.103.384.192	5.311.185.876
3	5.806.910.311	5.053.357.883
4	7.597.502.571	6.611.603.853
5	7.322.683.525	6.372.412.880
6	6.967.121.493	6.063.157.039
7	6.332.400.064	5.510.511.686
8	6.103.384.192	5.311.185.876
9	5.806.910.311	5.053.357.883
10	7.597.502.571	6.611.603.853
11	7.322.683.525	6.372.412.880
12	6.967.121.493	6.063.157.039

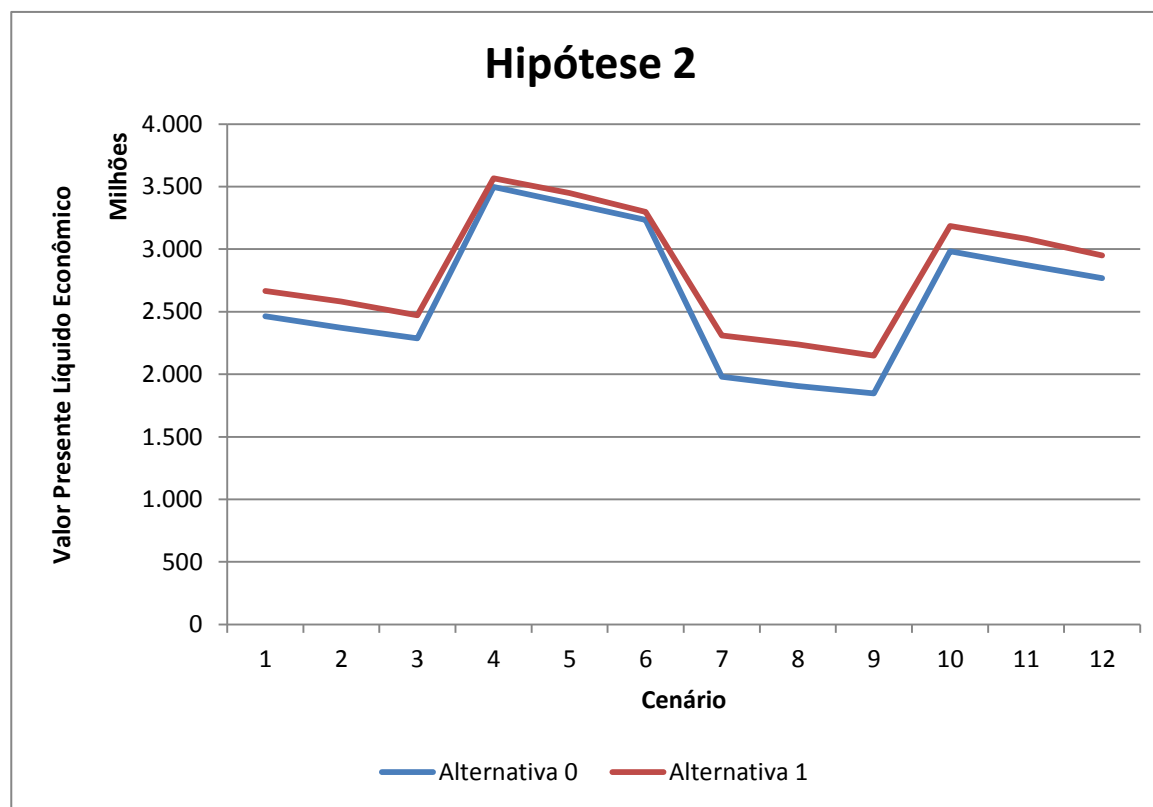




## Despesas pelo Concessionário - Hipótese 2

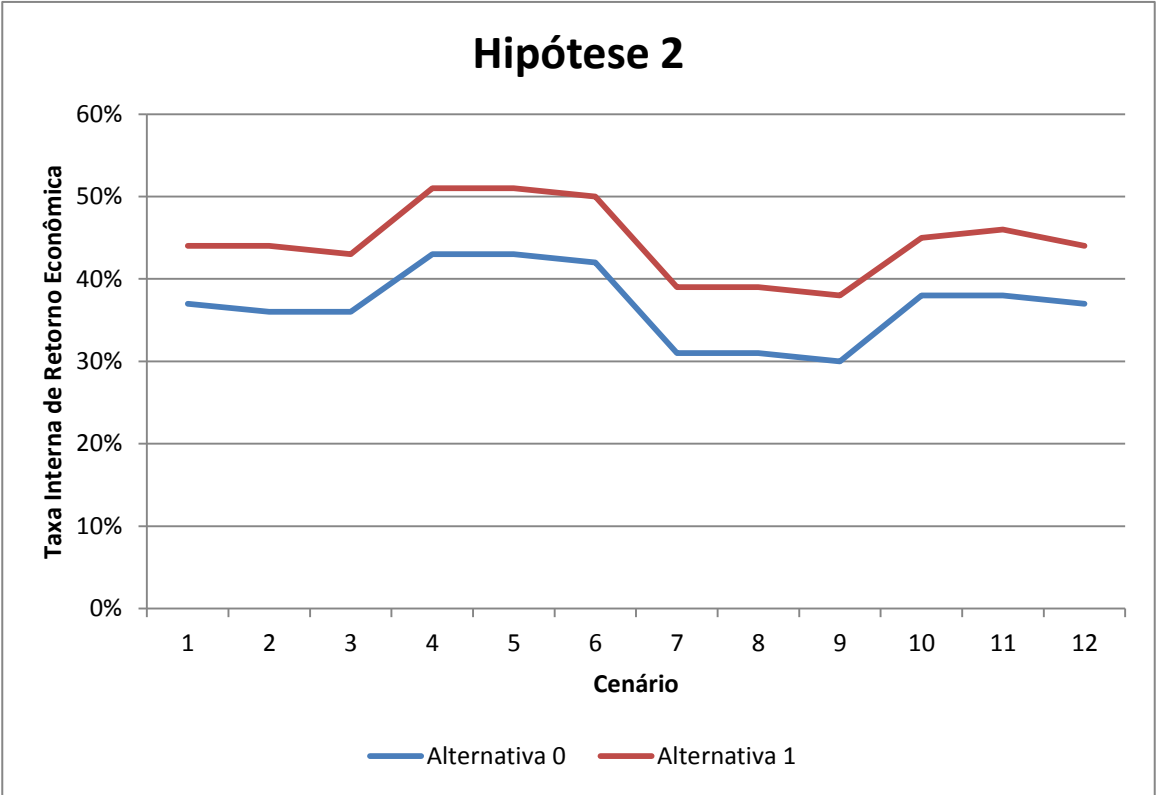
Valor Presente Líquido Econômico

Cenário	Alternativa 0	Alternativa 1
1	2.462.647.137	2.665.918.871
2	2.371.586.994	2.580.789.861
3	2.287.102.237	2.471.555.896
4	3.496.416.614	3.565.668.470
5	3.367.928.735	3.447.963.927
6	3.235.160.518	3.296.706.064
7	1.978.928.021	2.310.344.769
8	1.905.112.344	2.239.490.359
9	1.847.126.228	2.148.830.648
10	2.983.780.869	3.184.926.547
11	2.873.584.386	3.082.407.808
12	2.768.665.396	2.950.899.692



Despesas pelo Concessionário - Hipótese 2  
 Taxa Interna Retorno Econômica

Cenário	Alternativa 0	Alternativa 1
1	37%	44%
2	36%	44%
3	36%	43%
4	43%	51%
5	43%	51%
6	42%	50%
7	31%	39%
8	31%	39%
9	30%	38%
10	38%	45%
11	38%	46%
12	37%	44%



Despesas pelo Concessionário - Hipótese 2

Payback

Cenário	Alternativa 0	Alternativa 1
1	4	4
2	4	4
3	4	4
4	4	4
5	4	4
6	4	4
7	5	4
8	5	4
9	5	4
10	4	4
11	4	4
12	4	4

