

Value Estimation for Technologies, Early Stage Molecules and Later Stage Molecules

Examples

Scientific Platform or Technology



Early Stage Molecules

ipilimumab

Late Stage Molecules



Life Cycle Indications

Yervoy beyond melanoma

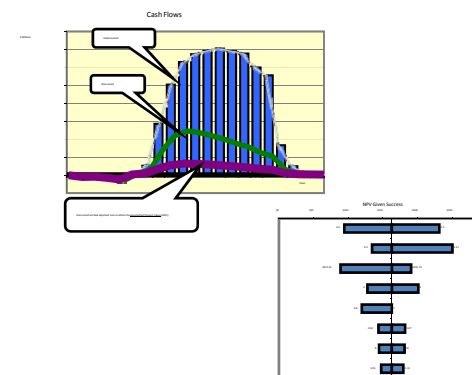
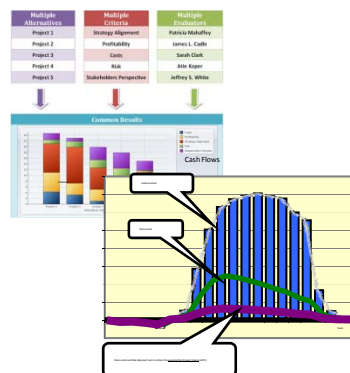
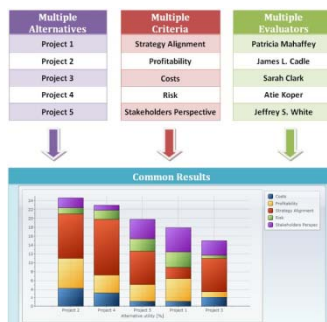
Tools & Techniques

- 1 - Multi-criteria decision analysis
- 2 -Qualitative measures

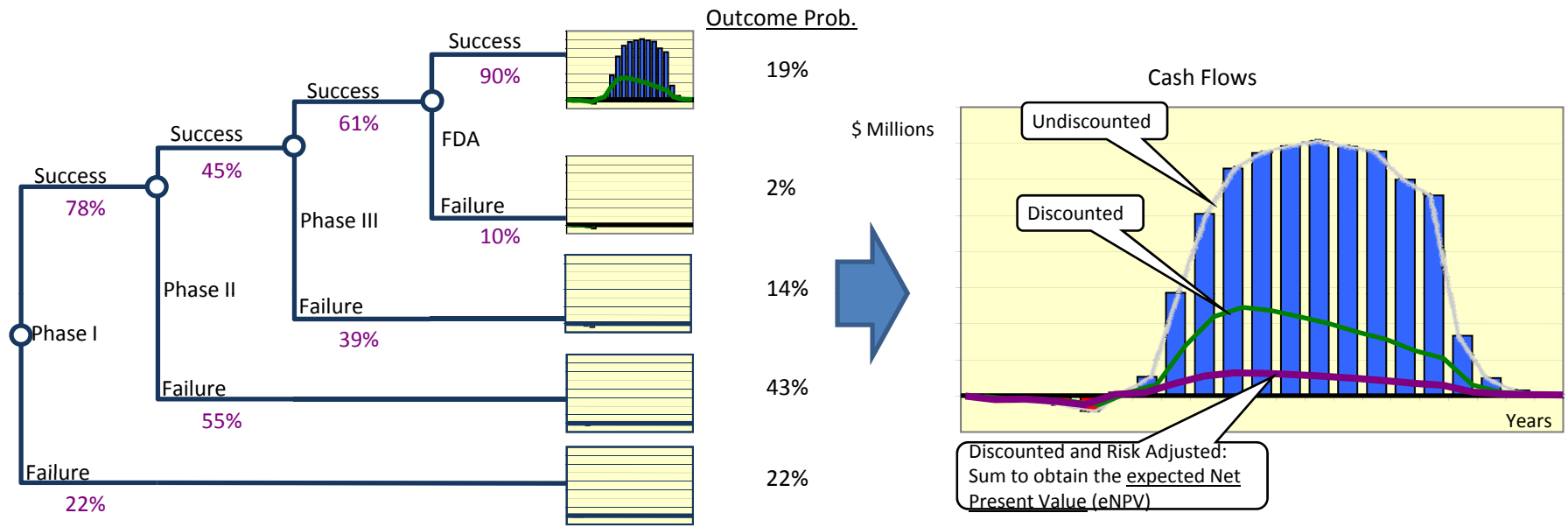
- 1 - Multi-criteria decision analysis
- 2 -Qualitative measures
- 3 – Quantitative valuation using proxies

Quantitative valuation using simulation/modeling

Outputs



Expected Net Present Value (eNPV) and Productivity Index (PI)



$$PI = eNPV \div \text{expected development costs}$$