

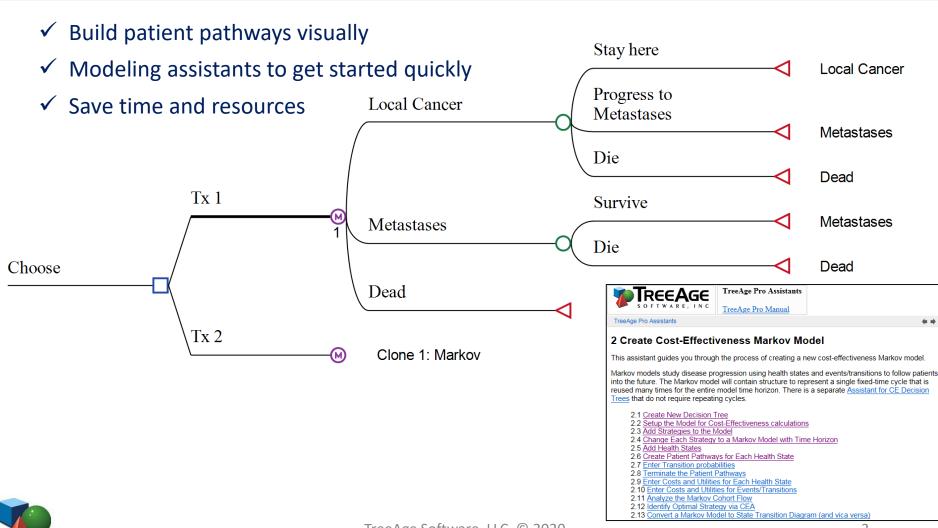
# Supporting economic assessments and decision analysis for over 30 years

### TreeAge Pro meets your decision analytics needs





#### **Start Fast**

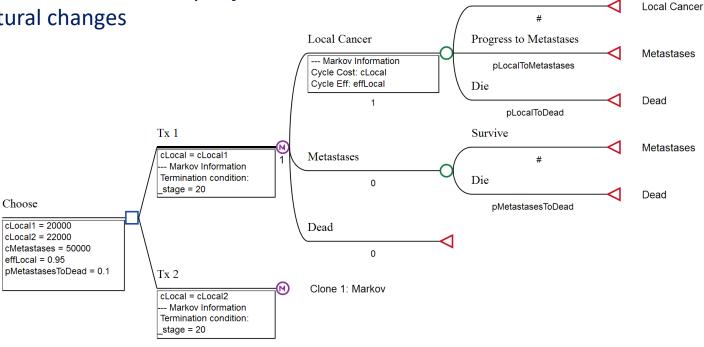




#### Visual Design, No Coding Knowledge Required

- ✓ Inputs entered directly into structure
- ✓ Software handles calculations

✓ Calculations automatically adjust to structural changes

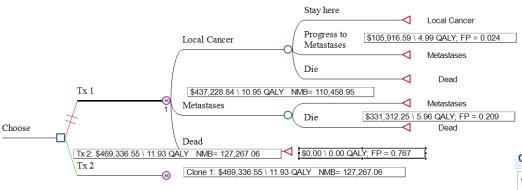


Stay here



#### Robust Healthcare Modeling Framework

- ✓ Reproducible structure
- ✓ Built-in calculations
- ✓ One-click analysis and transparent reporting





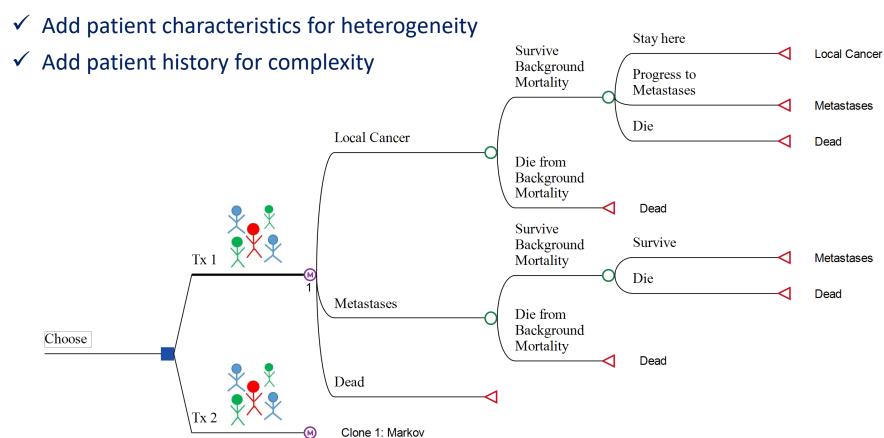
#### Cost-Effectiveness Rankings

Category	Strategy	Cost	Incr Cost	Eff	Incr eff	Incr C/E (ICER)	NMB
<ul> <li>Excluding dominated</li> </ul>							
undominated	Tx 1	437,228.84		10.95			110,458.95
undominated	Tx 2	469,336.55	32,107.71	11.93	0.98	32,819.35	127,267.06



## Quickly Advance and Evolve Your Model Complexity

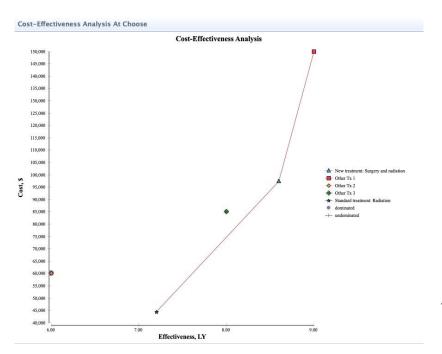
✓ Build Markov Cohort, Patient simulation, Discrete Event Simulation models

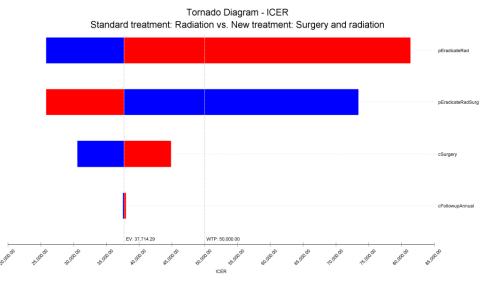




#### Familiar Healthcare Reports with a Single Click

- ✓ Cohort and Patient-level Tracking Reports
- ✓ Cost-Effectiveness Analysis, Acceptability Curve, Tornado and much more
- ✓ Single-click report generation







#### Transparency

- ✓ Validate patient pathways and calculations step-by-step, cycle-by-cycle
- ✓ Review and confirm calculation details

State/Transition	Stage	Cohort %	Cost Entry	Cost	Cum Cost	Effectiveness Entry	Effectiveness	Cum Effectivenes
Summary	0			10,000	10,000		0.47	0.47
□ Local Cancer	0	1.000	10,000	10,000		0.47	0.47	
Stay here	0	0.830	0	0		0.00	0.00	
Progress	0	0.150	0	0		0.00	0.00	
Die	0	0.020	0	0		0.00	0.00	
─ Metastases	0	0.000	25,000	0		0.45	0.00	
Survive	0	0.000	0	0		0.00	0.00	
Die	0	0.000	0	0		0.00	0.00	
Dead	0	0.000	0	0		0.00	0.00	
Summary	1			24,100	34,100		0.92	1.40
□ Local Cancer	1	0.830	20,000	16,600		0.95	0.79	
Stay here	1	0.689	0	0		0.00	0.00	
Progress	1	0.124	0	0		0.00	0.00	
Die	1	0.017	0	0		0.00	0.00	
─ Metastases	1	0.150	50,000	7,500		0.90	0.14	
Survive	1	0.135	0	0		0.00	0.00	
Die	1	0.015	0	0		0.00	0.00	
Dead	1	0.020	0	0		0.00	0.00	
Summary	2			26,753	60,853		0.89	2.29
Local Cancer	2	0.689	20,000	13,778		0.95	0.65	
Metastases	2	0.260	50,000	12,975		0.90	0.23	
Dead	2	0.052	0	0		0.00	0.00	

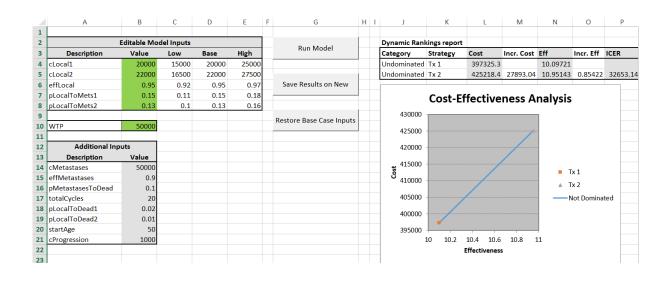
```
📃 Console 🛭 🗎 Evaluator 🕼 Help 👺 Files
Calculation Trace Console
****** cLocal - START ******
 Context: Cycle Reward (Payoff 1) / Local Cancer / thread 0 / _strategy 1
 Time: 2019.01.24 11:43:17.813
 cLocal = cLocal1
   cLocal1 = 20000
 cLocal = 20000
 cLocal = 20000.0
****** cLocal - END ******
****** cLocal - START ******
 Context: Cycle Reward (Payoff 1) / Local Cancer / thread 0 / _strategy 2
 Time: 2019.01.24 11:43:17.814
 cLocal = cLocal2
   cLocal2 = 22000
 cLocal = 22000
 cLocal = 22000.0
****** cLocal - END ******
```



#### Communicate Results

- ✓ Publish graphs and reports
- ✓ Allow others to use your model to explore scenarios
- ✓ Convert TreeAge Pro Markov Models to fully-functional Excel models with a single click







#### Why We Are the Better Choice

# Modelling is not just science, it is an art. TreeAge Pro provides a scientifically robust canvas for your models so you can focus on the art.

Product Attribute	Advantages of TreeAge Pro	How Excel Compares	How R Compares
Start Fast	<ul> <li>User-friendly modeling platform with step-by-step assistants</li> </ul>	<ul> <li>Complex formulas and/or knowledge of Visual Basic required to build</li> </ul>	<ul> <li>Advanced Programming knowledge required to build</li> </ul>
Visual Design	<ul> <li>Visual interface allows for flexibility in structure and updating or editing model</li> </ul>	<ul> <li>No visual structure to support model design; edits require coding and manipulation of cells</li> </ul>	<ul> <li>Visual skins can be added but requires knowledge of programming to apply</li> </ul>
Robust Framework for Analysis and Reporting	<ul> <li>Built-In Analysis and Reporting tools</li> </ul>	Analysis typically requires knowledge of coding/programming	<ul> <li>Modeler required to find and piece together various packages (modules)</li> </ul>
Quickly Advance	<ul> <li>Create complex simulation models easily</li> </ul>	<ul> <li>Complex modelling requires knowledge of coding/programming</li> </ul>	<ul> <li>Complex modelling requires knowledge of coding/programming</li> </ul>
Transparency	<ul> <li>Comprehensive reporting and visualization capabilities to examine and validate model behavior</li> </ul>	<ul> <li>Good set of generic spreadsheet reporting and debugging. Model validation highly dependent on modeler coding/programming skills</li> </ul>	<ul> <li>Validation and reporting are functions of each package design and modeler programming skills</li> </ul>
НТА	Models accepted by HTA	Models accepted by HTA	Limited acceptance by HTA
Dedication to decision analysis and modelling	<ul> <li>Well-established company with 30+ years of experience solely focused on a modelling software product</li> </ul>	Well-established company with focus on hardware and a large swath of software offerings	Not commercially supported or validated as a peer-to-peer platform
Commercial Support	<ul> <li>Excellent support team for customer trouble-shooting</li> </ul>	<ul> <li>Not designed/supported as a modelling tool; no formal support</li> </ul>	<ul> <li>No formal support; relies on peer contributions; user forums</li> </ul>



#### A high-touch company that is here to support you

- ✓ A beacon in economic assessments and decision analysis for over 30 years.
- ✓ Dedicated team of scientists, engineers and product support that have built and refined TreeAge Pro to meet your evolving needs
- ✓ Commercially-sourced, scientifically robust tool that is updated and validated frequently to satisfy the requirements of new and advanced modelers alike



