mtl
mtl.how/sim
Cheatsheet
(updated 2024_10)
MTL 3.7

Modeling to Learn
Test. Don't guess.

MTL objectives include activities and competencies that…

1. Are meaningful for you and align your learning goals with your team.
2. Develop systems thinking skills to help you see how several things fit together, and understand causes hard to see without data and modeling resources.
3. Make VA data, initiatives, and standards transparent to you.
4. Empower you to realize ongoing improvements in team quality of care & work life.

CREATE AN ACCOUNT OR TEAM

Modeling to Learn
Test. Don't guess.

Team and Account

VISN* (Stats)   Facility* (Stats)   Clinic (Stats)
1 Select   2 Select   3 Select

Select Facility or Create New Team*
4 Select Facility Team

Select VHA Primary Role*
5

First Name*
6

Last Name*
7

VA Email*
8
(Must contain at least 1 number)

New Password*
9
(Must contain at least 1 number)

Repeat Password*
10

Submit

* Required Field

Navigate to mtl.how/register.
1 VISN*
2 Facility*
3 Clinic
4 Select Facility or Create New Team*
If you are a Team Member, select your existing team from the dropdown menu. If you are a Team Lead, select Create New Team.
5 Select VHA Primary Role*
6 First Name*
7 Last Name*
8 VA Email*
9 New Password* must contain at least one number.
10 Repeat Password* click the eye with a slash icon in each password field to check if they both match.
* = required field

If you are the first person to register from your Facility Team, this pop-up will appear with VISN, Facility, and Clinic pre-populated:

Modeling to Learn
Test. Don't guess.

Looks like you are the first person to register from your Facility Team.

Complete Your Facility's Team Name
Our team naming convention uses all **lowercase** and **underscores**.
For example: v21_640a0_mpd_green_bhip

v19_554gj_

Submit

Team Leads only: Enter Facility Team name in the pop-up window immediately after the pre-populated information.
-Use only lowercase letters.
-Use underscore character (_) instead of spaces.

NAVIGATION BAR

1 Shows # of unread messages

These icons exist throughout the Sim

mtl
MTL Logo
Click to return to the Dynamic Decision Dashboard.

v33_321ab_team
Name
Find your team name with a _team, _shared, or _ind suffix (indicating worlds).

✓ HOME
Home
Click to return to the Dynamic Decision Dashboard.

PLAY
Play
Click to return to the Play page.

MORE INFO
More Info
Click for more info on how to use the Sim UI.

NEWS 1
News
Click for discussion items from the Community of Practice.

REPORT BUG
Report Bug
Click to report bugs with screenshots.
No PII/PHI.

TUTOR
Tutor
Click to for an "over the shoulder" overview with links to the *MTL* Manual.

→ LOGOFF
Logoff
Always logoff at the end of a session.

Avatar
Avatar
Click on "Avatar" to upload a photo of yourself!
✎ Avatar

COMMUNITY
Community
Click to share ideas, like things, or ask questions.
No PII/PHI.

HOME PAGE

Session Start window
-Select a team data file from the Please Select Team Data dropdown and click GO!

Session Start
Start a Session
▼ Please Select Team Data   GO!   ↻ Reset All

Learning Mode

Refer to Medication Management (MM) and Care Coordination (CC) tabs of the Team Data Table at mtl.how/data, for data regarding the team's New Patient Start Rates and Return-to-Clinic Intervals.

Learning Mode pop-up
-For CC & MM modules: prioritize one of two Learning Modes

CC   MM
○   ◉   **Existing Patient Return-to-Clinic Interval**
Choose this learning mode to prioritize the Existing Patients Return-to-Clinic Visit Interval (EPRVI = 0) estimated from team data, and only start new patients in remaining open slots after the EPRVI, appointment supply, and missed appointments are all taken into account.

◉   ○   **New Patient Start Rate**
Choose this learning mode to prioritize the New Patient Start Rate (NPSR = 1) estimated from team data, and only see existing patients in remaining open slots after the new patient start rate, appointment supply, and missed appointments are all taken into account.

Experiment window
-Delete, rename, & export ≤10 runs to an Excel file
Team Data window
-Delete, upload, & add files from the Data UI, mtl.how/data

Experiment
Delete   Rename   Export

☐ Name |Type |Date/Time ↓F
Ind Experiments
☐ Q8_swl_5_swrl_8_cedatm_25_2024_7_1   PSY   2024_JUL_01_1800

Team Data
Delete   Upload

☐ ...a_pct_f   2024_MAY_09_0310
...l.xlsx
MTL 3.0
☐ experiment bulk export.xlsx   2024_MAY_06_0958
☐ your_team_data.xlsx   2024_MAY_06_0958

DYNAMIC DECISION DASHBOARD (DDD)

1 Module name & caret: Click carets to contract or expand the module from view.
2 Learning Mode label indicates which Learning Mode the data prioritizes. Click to change the mode directly from the DDD.
3 Directives: Click to show a Directive 1160.01 to *MTL* crosswalk table that identifies specific references within the directive that require actions by facilities that are supported by the Data UI and Sim UI.
4 Module-specific Radio Buttons: Make a selection to see stock values for specific services within the Team Care, Medication Management, and Team Flow modules.
5 "i" icon: Click these to read the definition of each stock label.
6 More menu: All modules have this feature; click to reveal other key views which can include: Feedback Loops, Flow, Decision Meters, Episodes of Care, Play, Team Data, and SAIL Data.

Dynamic Decision Dashboard

1 ▲ Care Coordination   **3** Directives More
2 Existing Patient Return-to-Clinic Interval

Appointments to Reschedule | Appointments in CC | Waiting to Start | Patients in CC
0.00 | 0.00 | 0.00 | 0.00

▲ Team Care   Directives More
4 ◉ Intake ○ CC ○ MM ○ PSY ○ EBPsy ○ Adjunct ○ Group

Patients Waiting for Intake Evaluation | Patients Waiting to Start Service | Patients in Service | Appointments to Reschedule | Appointments
0.00 | 0.00 | 0.00 | 0.00 | 0.00

▲ Medication Management   Directives More
Existing Patient Return-to-Clinic Interval
◉ AUD ○ DEP ○ OUD ○ Other

Waiting to Start | Patients in MM | Appointments in MM | Appointments to Reschedule
0.00 | 0.00 | 0.00 | 0.00

▲ Psychotherapy   Directives More   **6**
Feedback Loops
Flow
Decision Meters
Episodes of Care
Play
Team Data
SAIL Data

5 Patients in Their First 3 Months of Psychotherapy

Appointments in Psychotherapy | Starters Patients in First Visit | Initiators Patients in Visits 2 to 7 | Completers Patients in Over 7 Visits
0.00 | 0.00 | 0.00 | 0.00

▲ Team Flow   Directives More
◉ GMH ○ SPC ○ PC/PCMHI

GMH High Risk Flag Patients | GMH High Symptom Patients | GMH Patients in Community Care | GMH Low Symptom Patients | GMH to SMH Patients Waiting for Step up | GMH to PC/PCMHI Patients Waiting for Step down | GMH Patients Waiting to Start
0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00

PLAY PAGE

mtl   v33_321ab_team…Administrator   ✓HOME PLAY TEAM MORE INFO NEWS REPORT BUG TUTOR DASHBOARDS LOGOFF

▲ Medication Management
Appointments

Effect of Task Time on Missed Appointments

True Missed Appointment Rate
1.03

Appointments to Reschedule

Rescheduling Rate

Appointments in MM   157.51

Booking Rate   1.56

Completing Rate

Consult vision placeholder.   Edit

Reveal Dynamics over Time
☐ Balancing Patients
☐ Overbooking Affects No-Shows
☐ Wait Time Affects Referrals
☐ Show Sensitivity Sliders

Display Patient Cohort
◉ AUD ○ DEP ○ OUD ○ Other

Experiment Timeline
Today | 1 Year | 2 Years
Save | ↻ | Advance 1 Year ▼

Overbooks

Test

Our Question
Briefly describe what your team wants to learn from this experiment.

Outputs and Text
Experiments   v33_321ab_team/blue_sample_data_flow.xlsx
Select Previous Experiment or Set Experimental Values to a Former State
▼ Select Experiment   Go

Team Data
Appointment Supply (Task Reschedule approved) | | 44.35
Appointment Duration (median rate) | .2953 | .2953 | 162.86 | 173.23
Return Visit Interval (median rate) | 35 | 21 | 39.2 | 21
True Missed Appointment (%) | 56.89 | 53.47 | 58.53 | 53.02
True Task Issues (period) | .078 | 5.65 | 5.94 | 56.27
New Patient Wait Time (median rate) | .019 | 6.86 | 5.30 | 6.43
Learning Mode

Supply
Appointment Supply
SC   AU

Appointment Slots Reserved for New Patients   approxt

AUD   DEP
OUD   Other

Overbooks   approxt

AUD   DEP
OUD   Other

Resource Allocation

COMMUNITY

1 Module name
2 Team Vision
3 Reveal Dynamics over Time: Reveal more dynamic relationships by clicking the checkboxes. Click "Run" to simulate outcomes.
4 Outputs and Text: View six output charts. Click on expand "T" to open Text (#9).
5 Experiments section
6 Select previous runs to set experimental sliders & Question, Hypothesis, Finding, & Decision (Q/H/F/D) text to that run.
7 Team Data table shows starting values for variables from your data.
8 Move Sliders from initial values & run.
9 Text Enter Q/H/F/D. Click on expand icon in blue bar for full functions.