# Rose Clinic Metrics

How do we assess and flag a patient's risk level to the clinician?

Our clinical team (led by Dr. Matt) and our R&D team (Dr. Atif / Prashanth) jointly developed a novel monitoring system to flag patients based on their daily/scheduled assessments.
We (currently) use a weighted sum of <u>clinical assessments</u> (PHQ-8/GAD-7), daily check-ins (Levels 1-5 for mood and anxiety) and <u>NLP predictions</u> on journal entries.
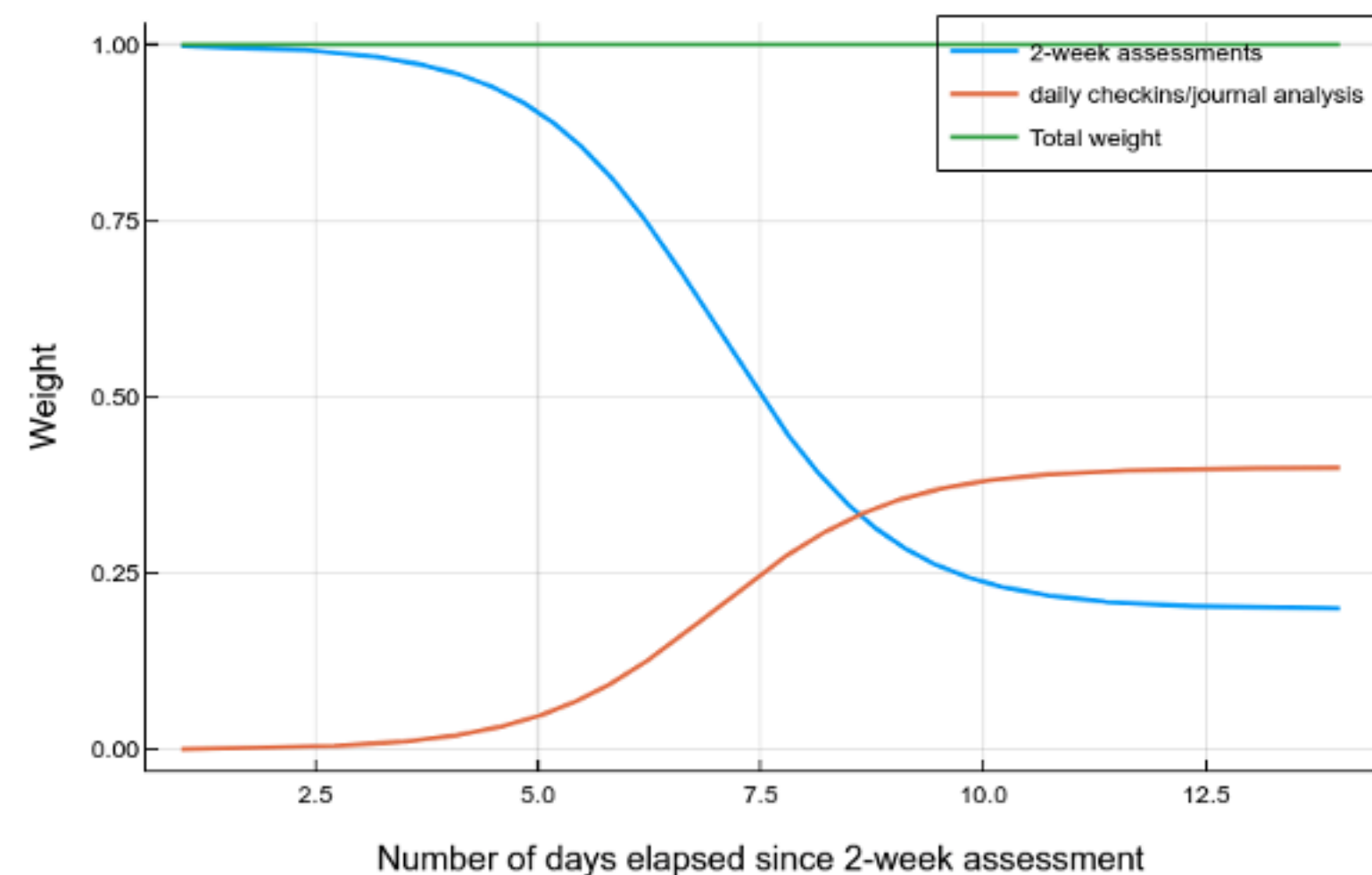
We adjust the weights such that the clinical assessments (PHQ-8/GAD-7) <u>lose</u> their value over time, and daily check-ins and journals <u>gain</u> in value over time. However, **clinical assessments still hold the most weight** for up to 8 days after they are taken.

Red flag	Yellow flag
Atkins, B.	Smith, C.
Shah. K	Yuan, M.
Sinclair, R	...
...	

Patients are organized into the appropriate flagging category and displayed on the clinician dashboard

Rose Score

PHQ & GAD

Mood & Anxiety

Journal

STATED

Sleep Quality

PROMIS

Pain Rating

HR / BP

Activity / Location

Nutrition

Voice / Speech-2-text

Micro-facial Expressions