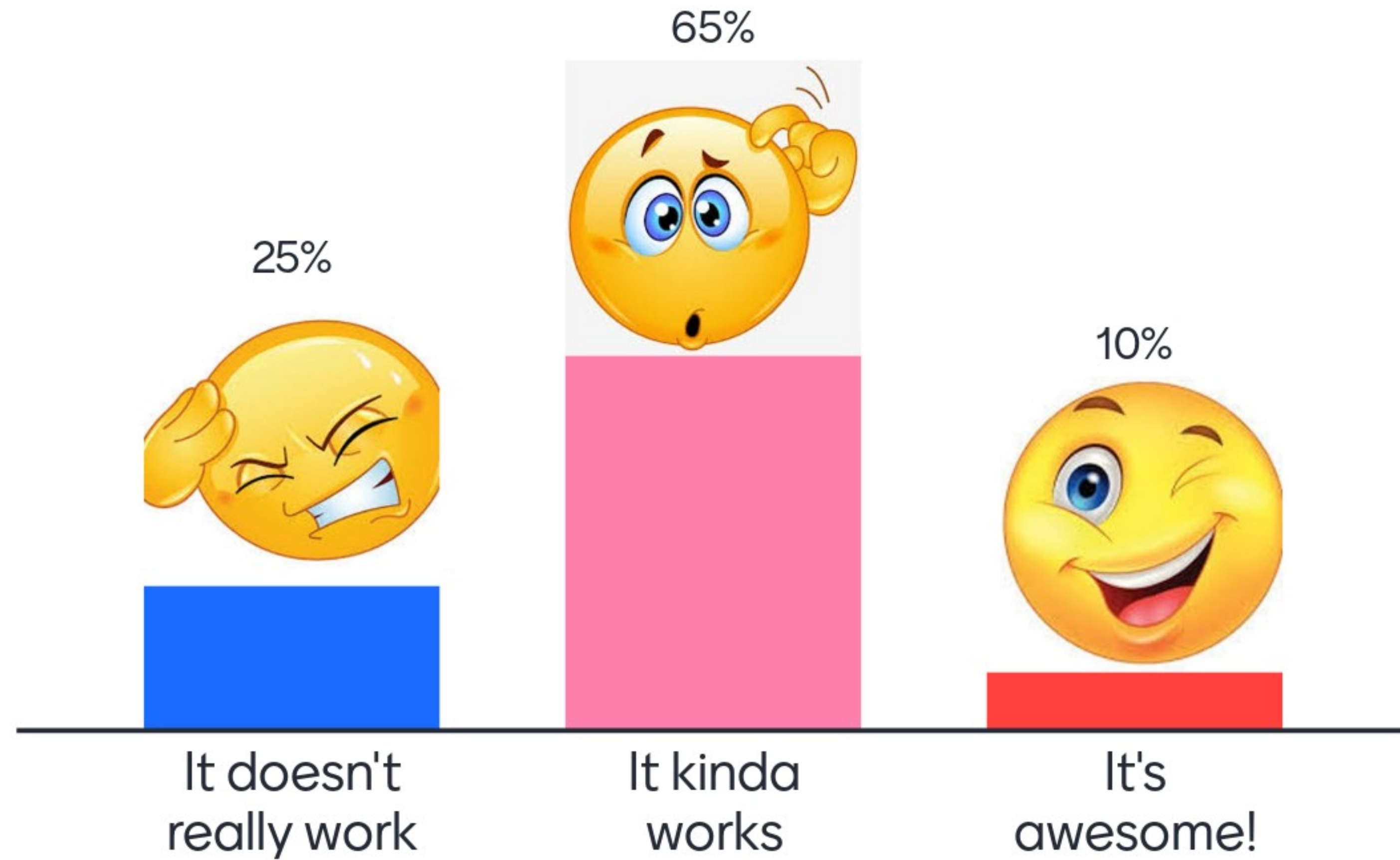
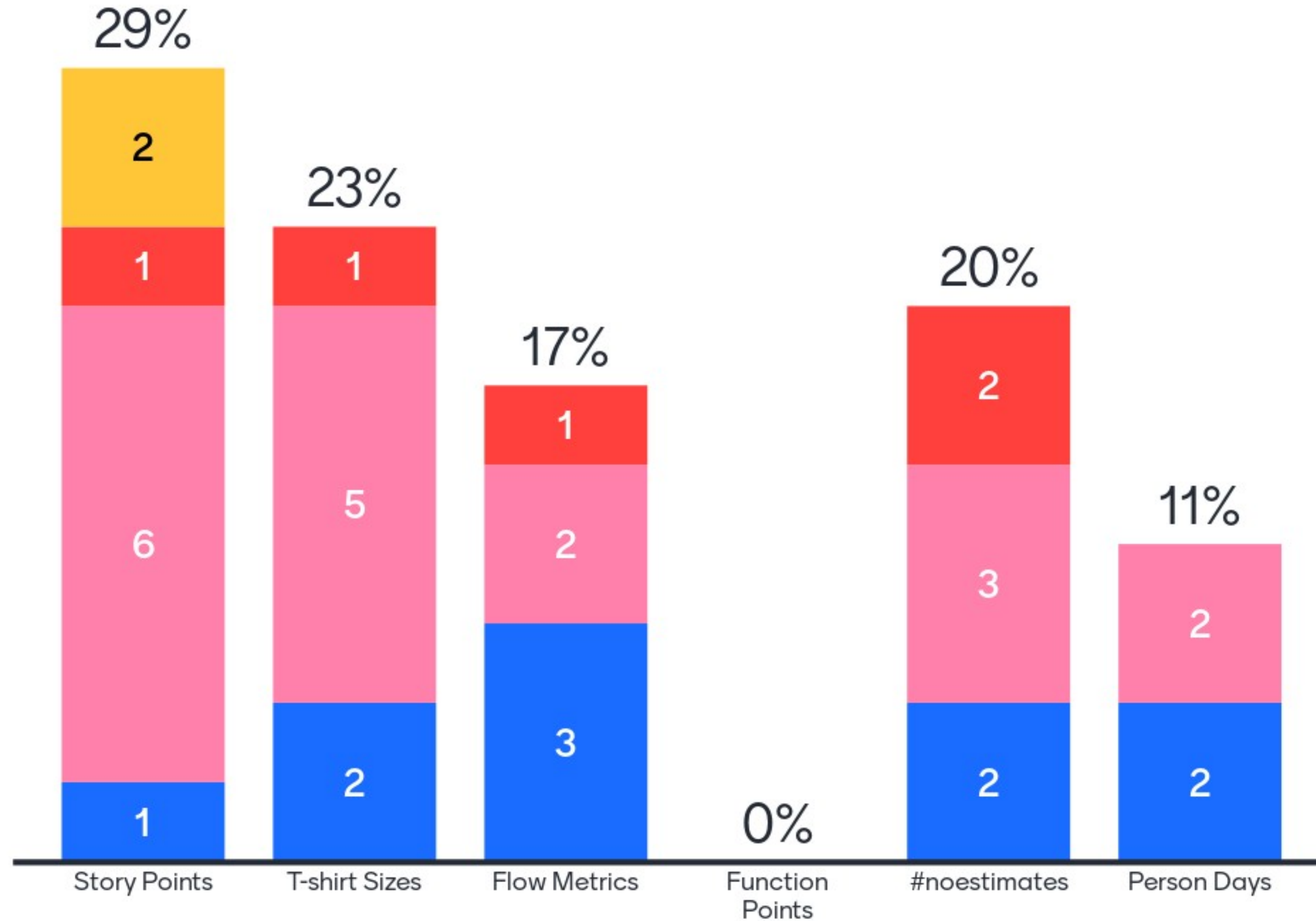


How well does your current estimation technique work for you?



What estimation techniques do you use?



How well does your current estimation technique work for you?

- It doesn't really work
- It kinda works
- It's awesome!
- Unknown



All your story points
are belong to us

Jose Casal - @jose_casal





CATS : ALL YOUR BASE ARE BELONG
TO US.

What's the purpose of estimating work?

When can it be done?

predictability

how much effort

planning

long term planning

Predictability

For teams to discuss complexity of a work item

Understand known complexity

delivery time

What's the purpose of estimating work?

To have a conversation to make sure the team all understand it

How much work can the team agree to do?

collaboration and transparency

is it worth doing?

To plan and prioritize

volume of work to be done

prioritization

To predict how much work we can finish within the sprint

for budgeting

What's the purpose of estimating work?

Planning for the near-term..predictability for the long term

Identify synergies that can reduce effort

Two different kinds of estimation

- Single-item estimation
- Multiple-item estimation



Single-item estimation

The sole purpose of estimating work is to answer these two questions

- Can we do this work in the time allocated to it?
- Do we understand it well enough to start working on it?



There are 3 possible answers



Go for it...

- Yes, it is small enough to be done in the time allocated to it
- Yes, we understand it well enough to start working on it





Break it down...

- No, it is too large to be done in the time allocated to it



Refine it further..

→ No, we don't understand it well enough





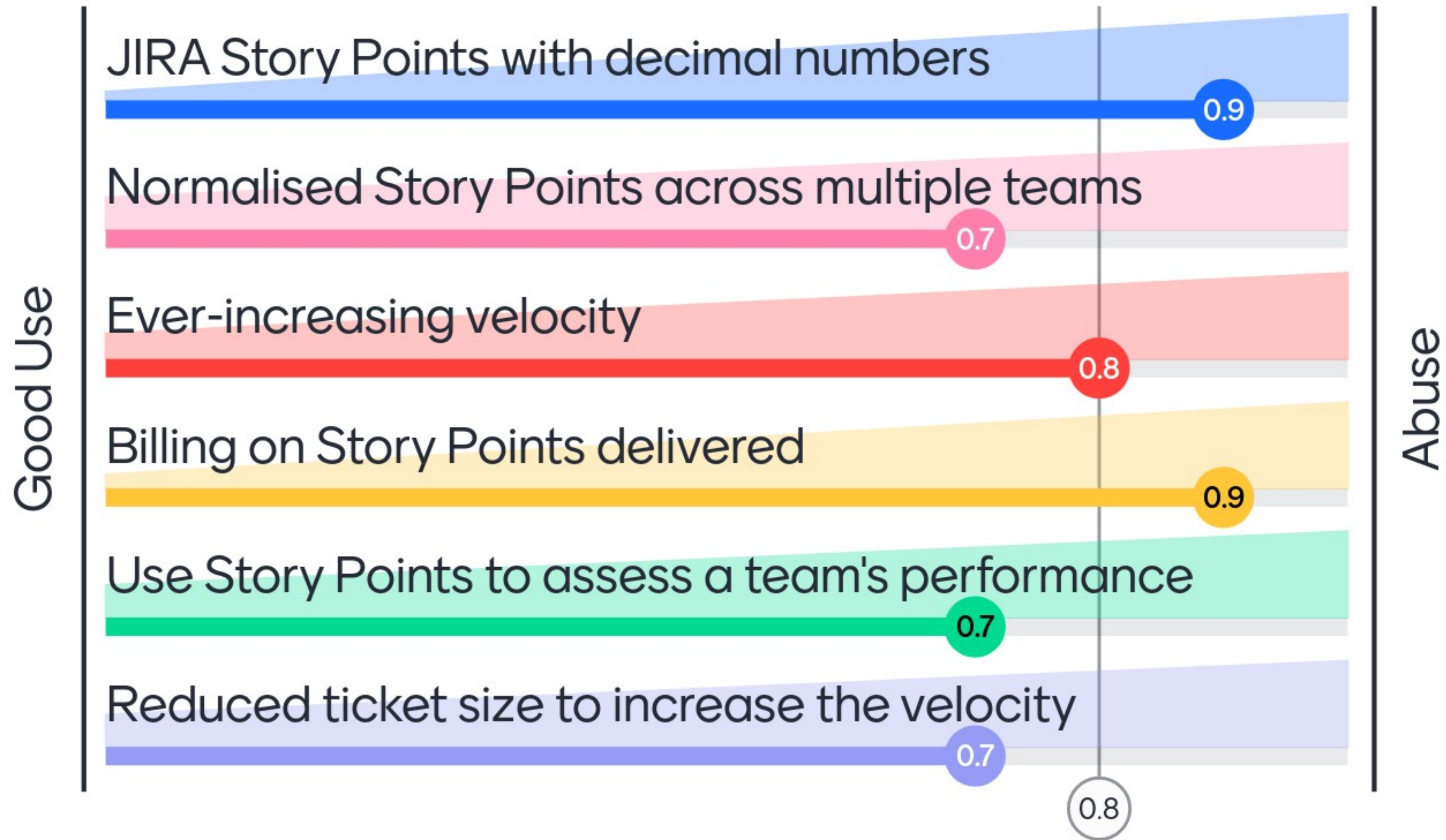
**More than those 3
options is unnecessary**

“

Despite all the good intentions, Story Points often become an act of "business theatre" pretending to answer these two questions.

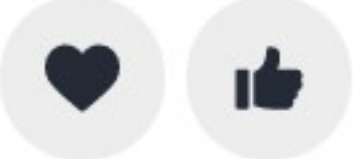
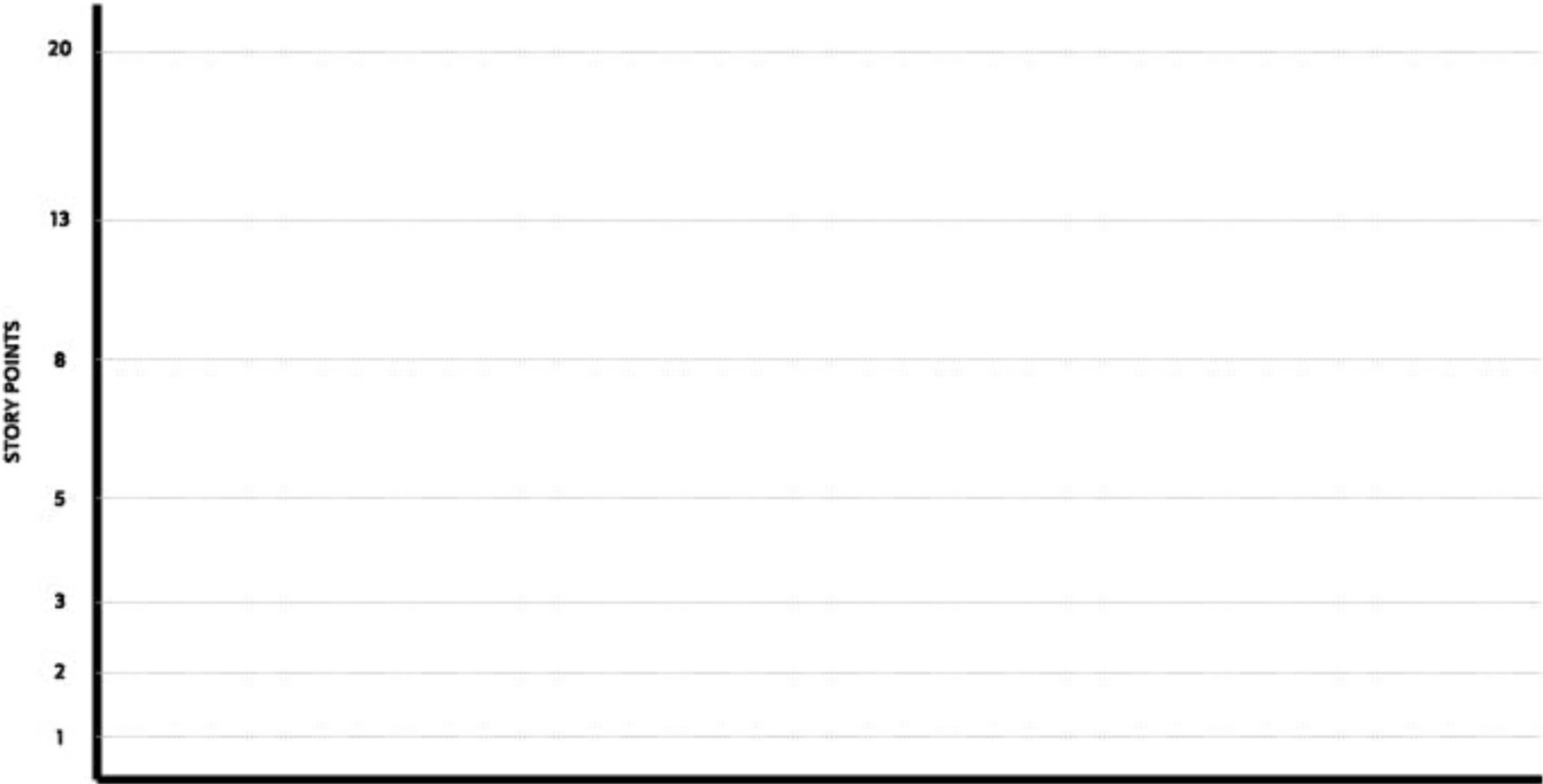


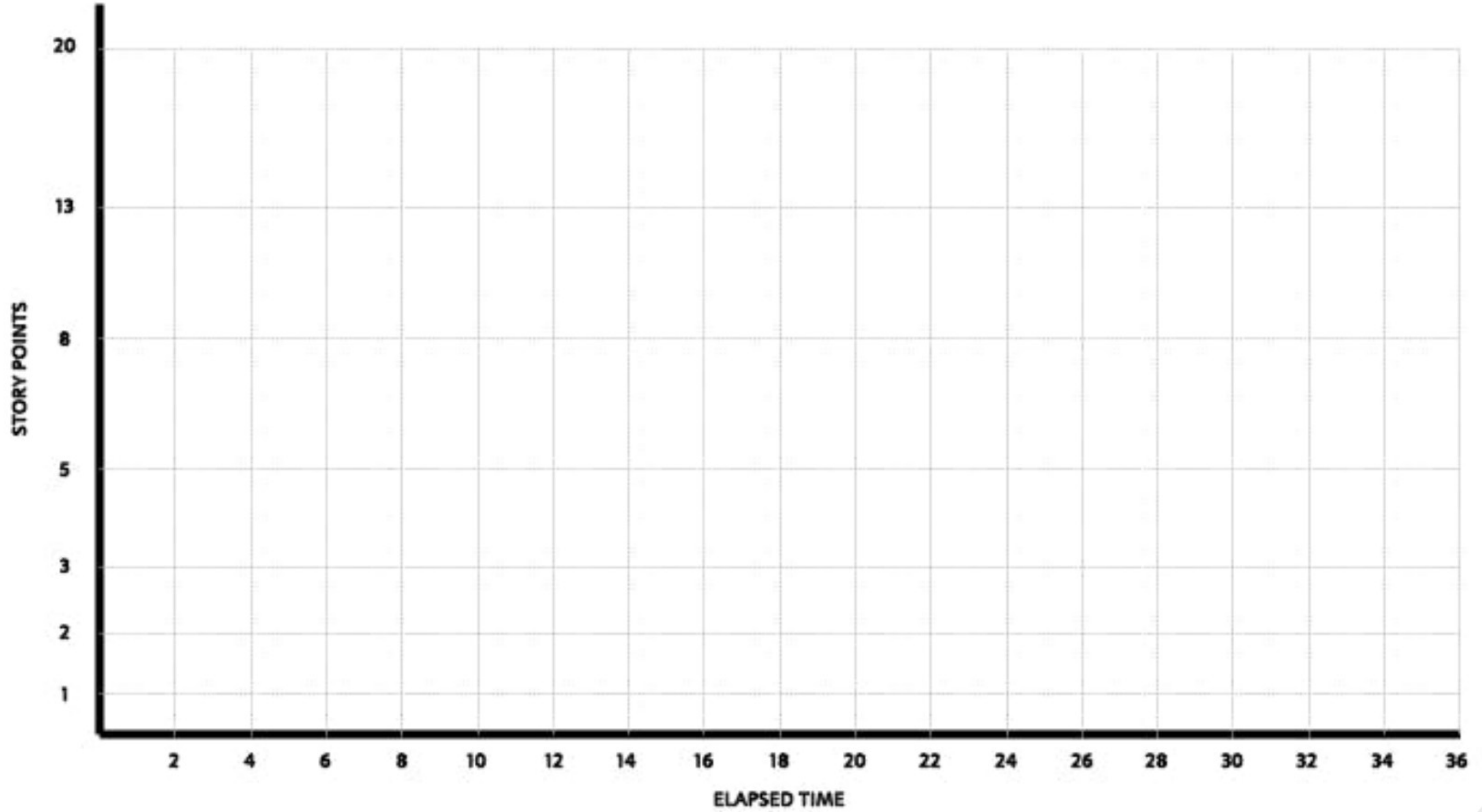
Good Use? or Abuse?



"Story Points MUST correlate to time"

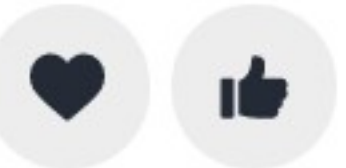
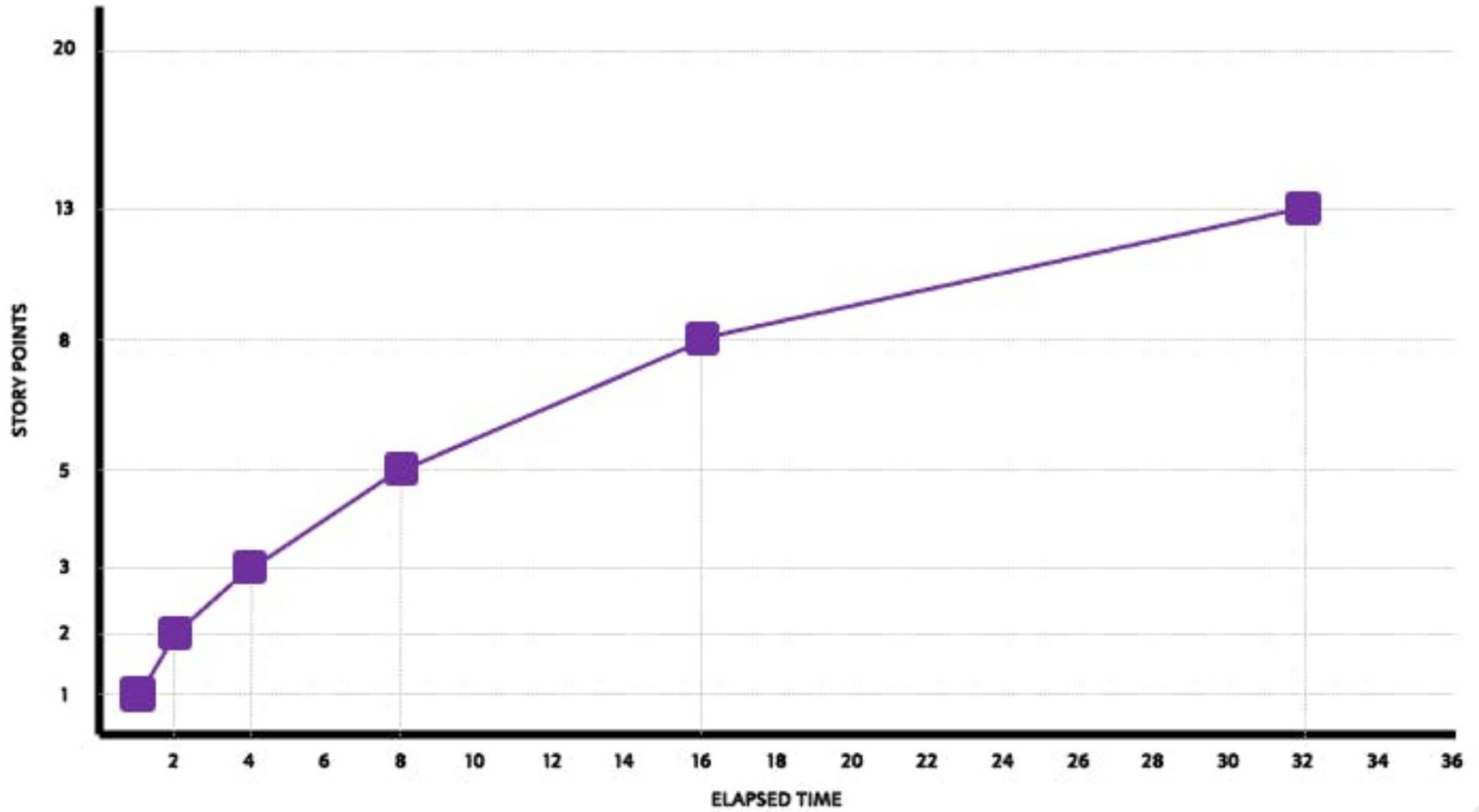


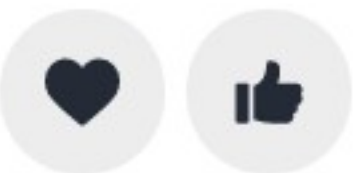
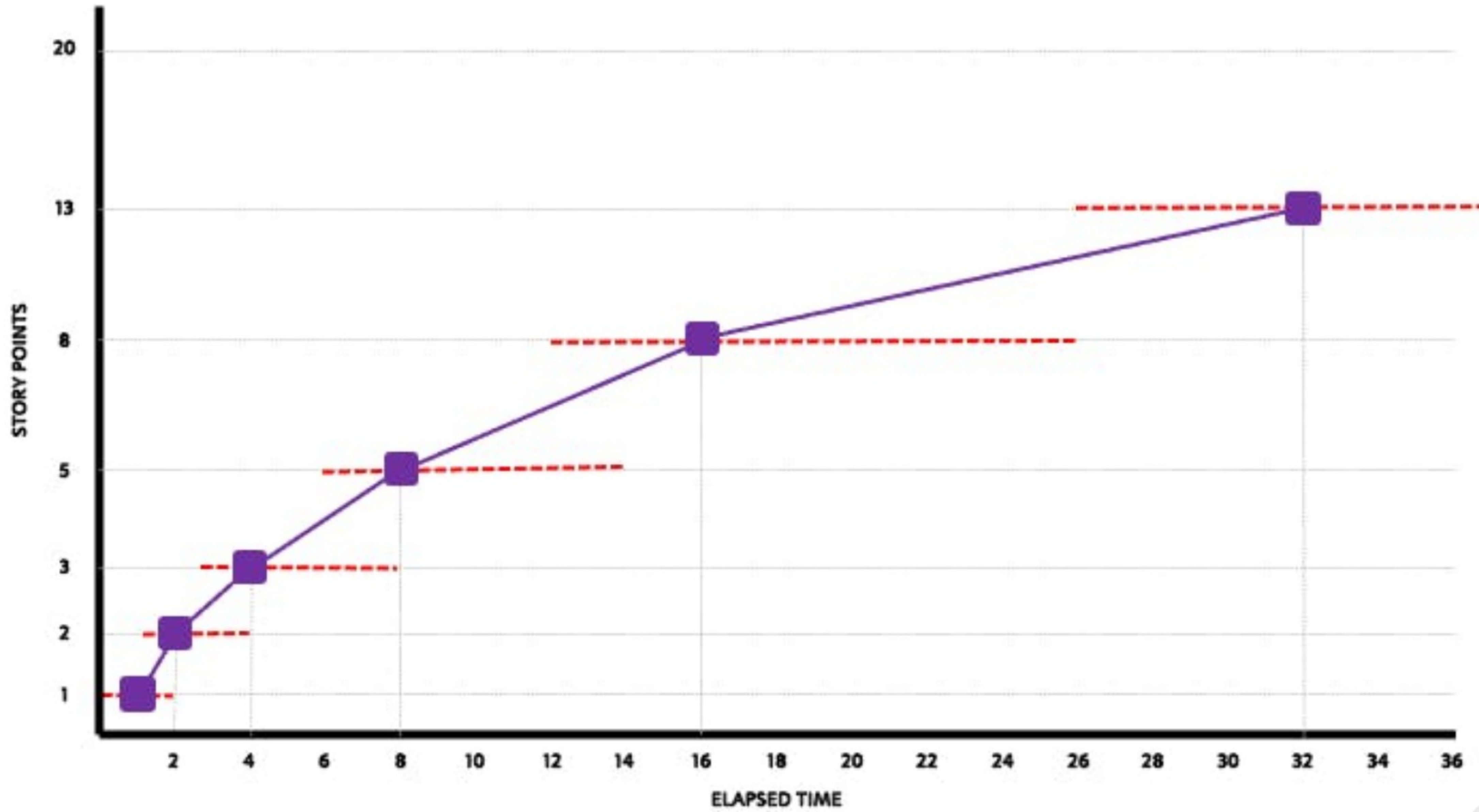


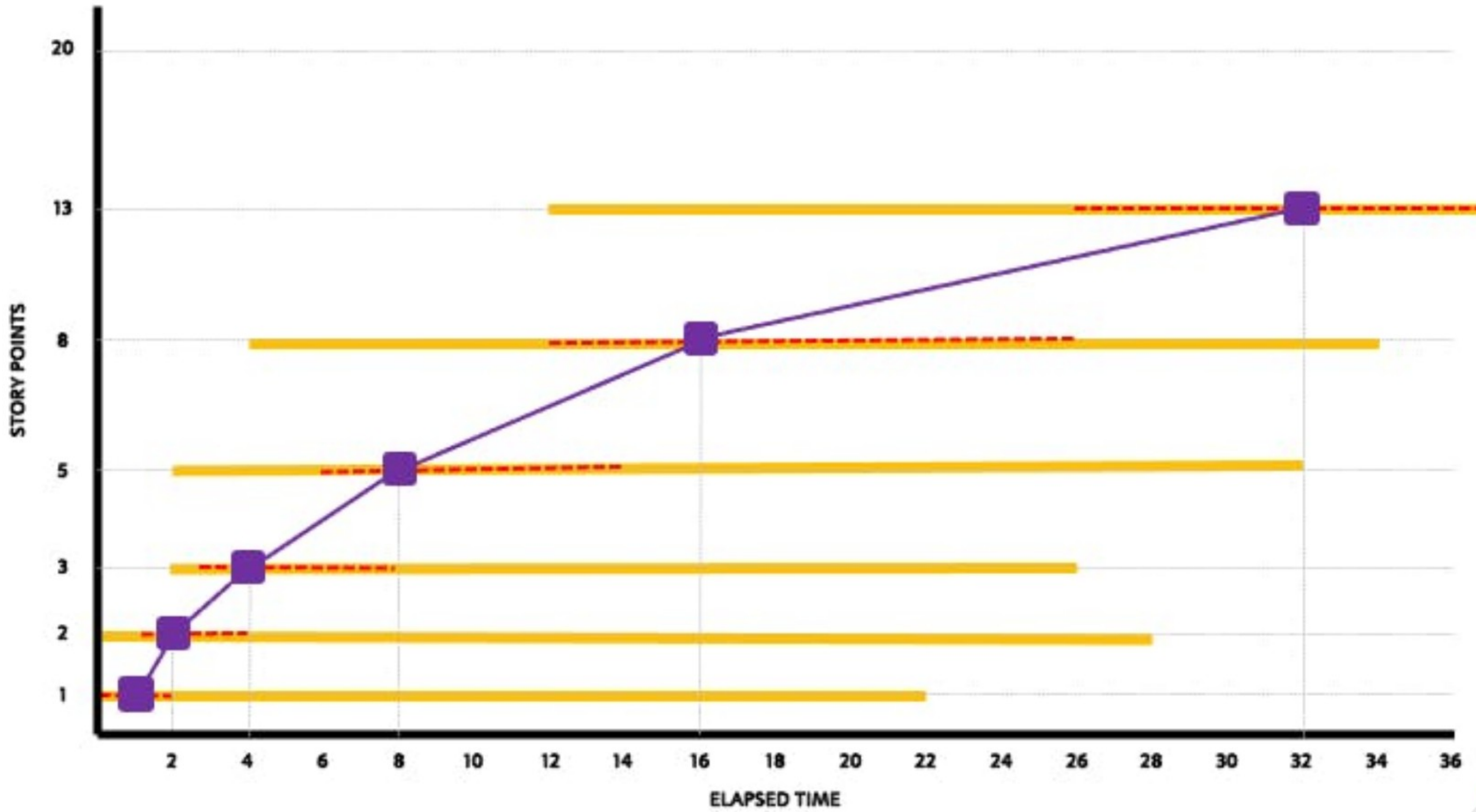


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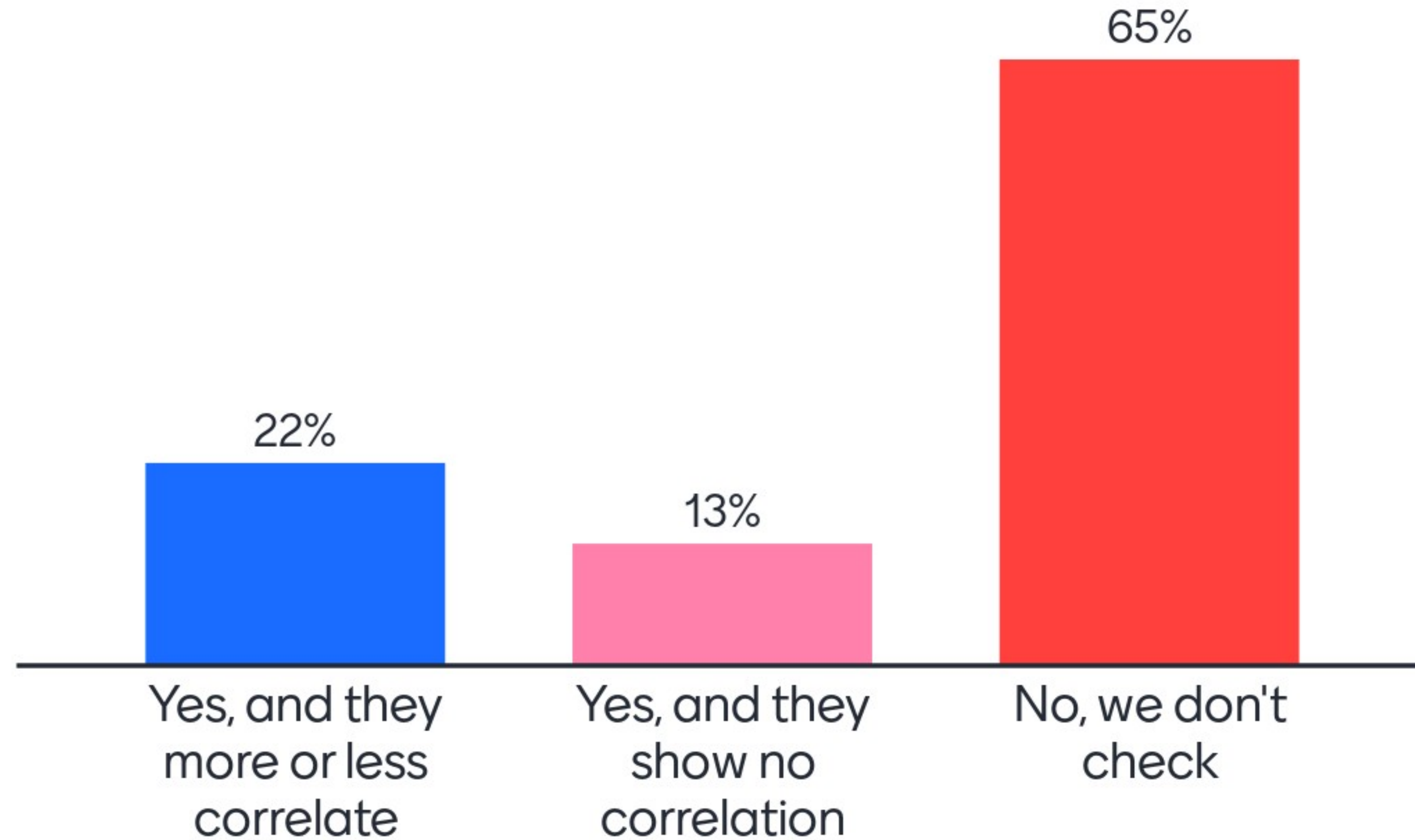
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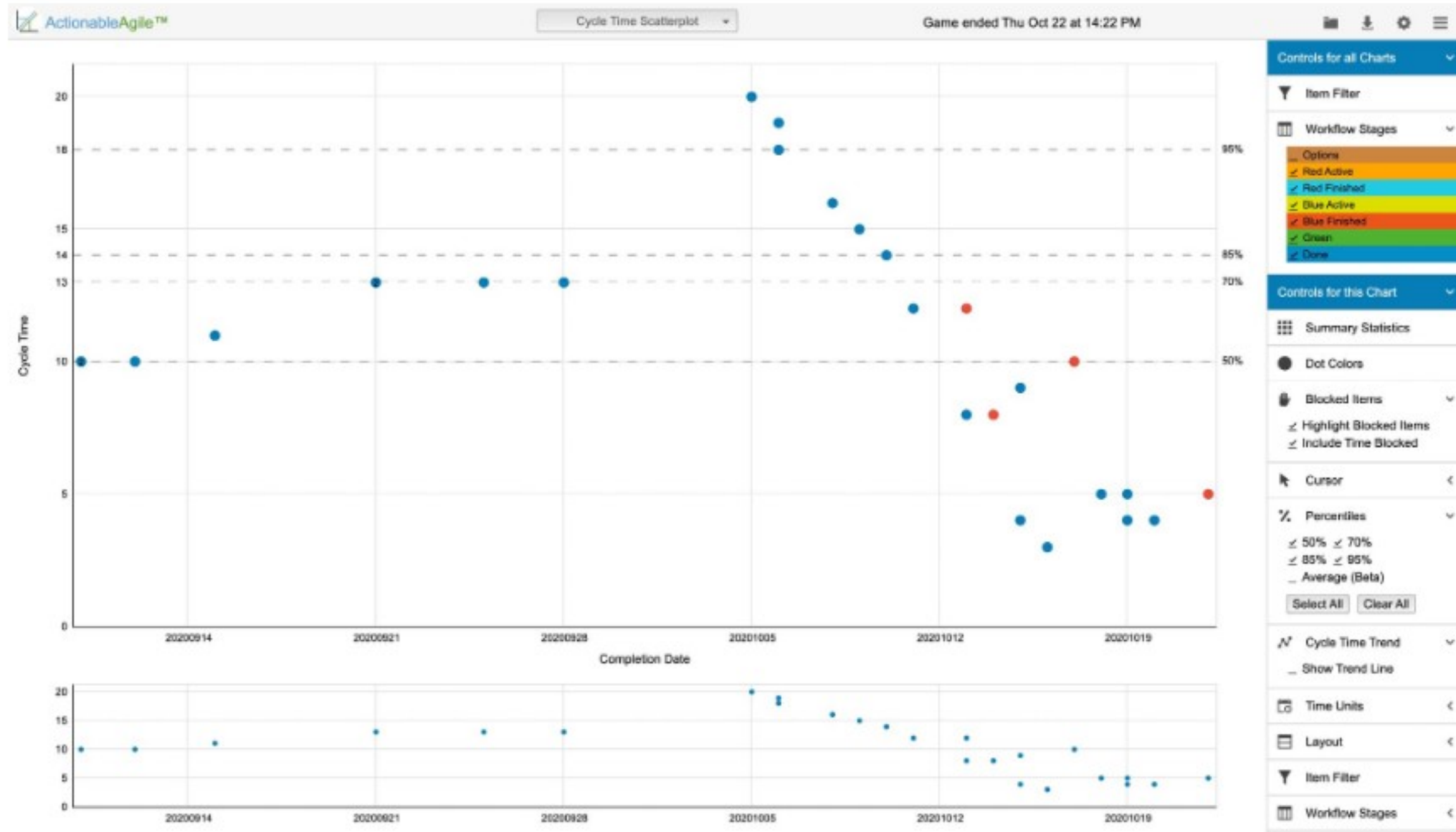






Do you check that your estimates correlate to Elapsed Time?





Forget Story Points. Use Cycle Time

Flow Metrics often provide a far more reliable approach to do single-item estimation and provide reliable forecasts.

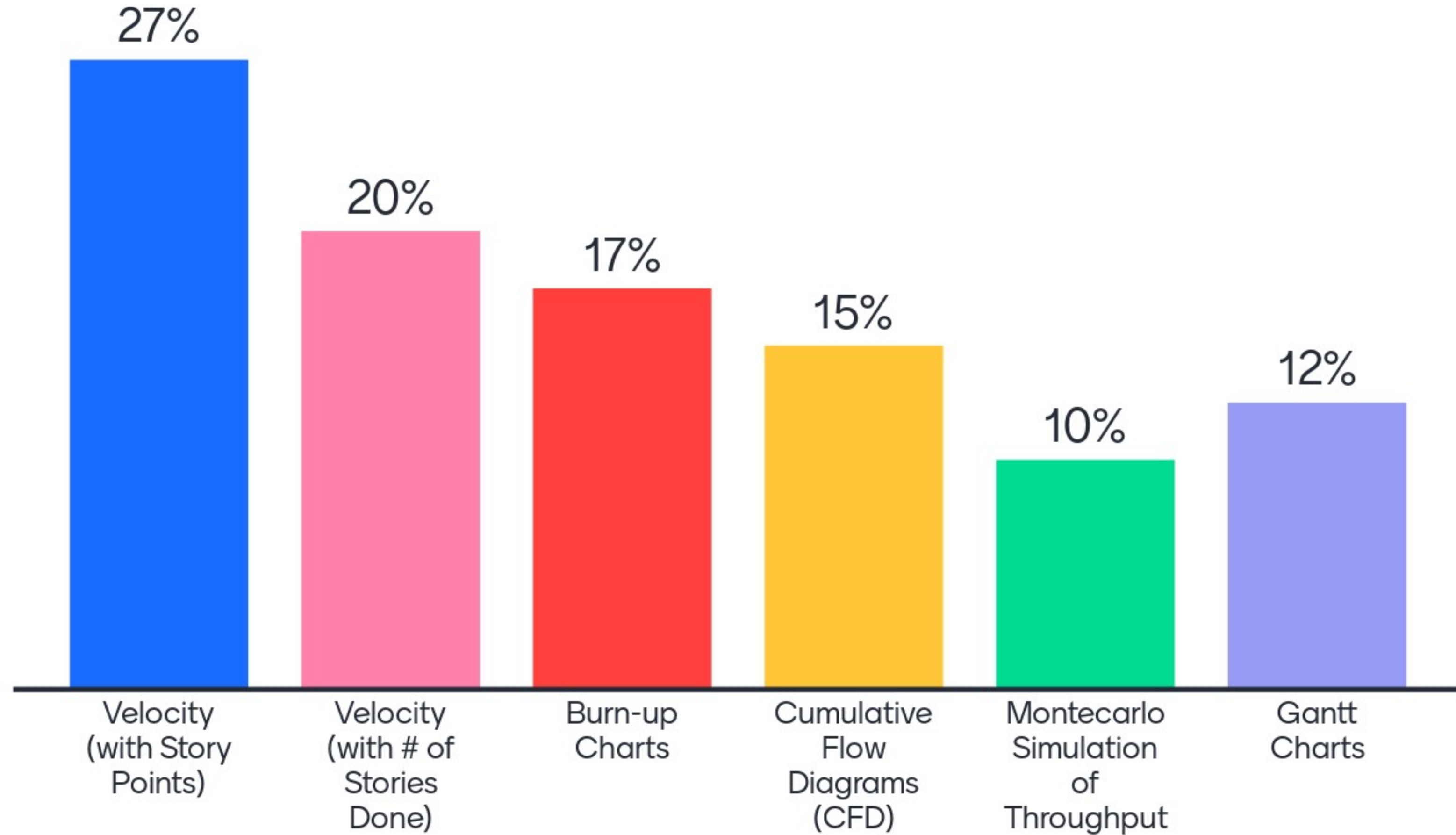
Multiple-item estimation

The purpose of multiple-item estimation is to be able to predictably answer one of these two questions

- How much work can we do by a certain date?
- How long will it take is to complete a batch of work?



What estimation techniques do you use?



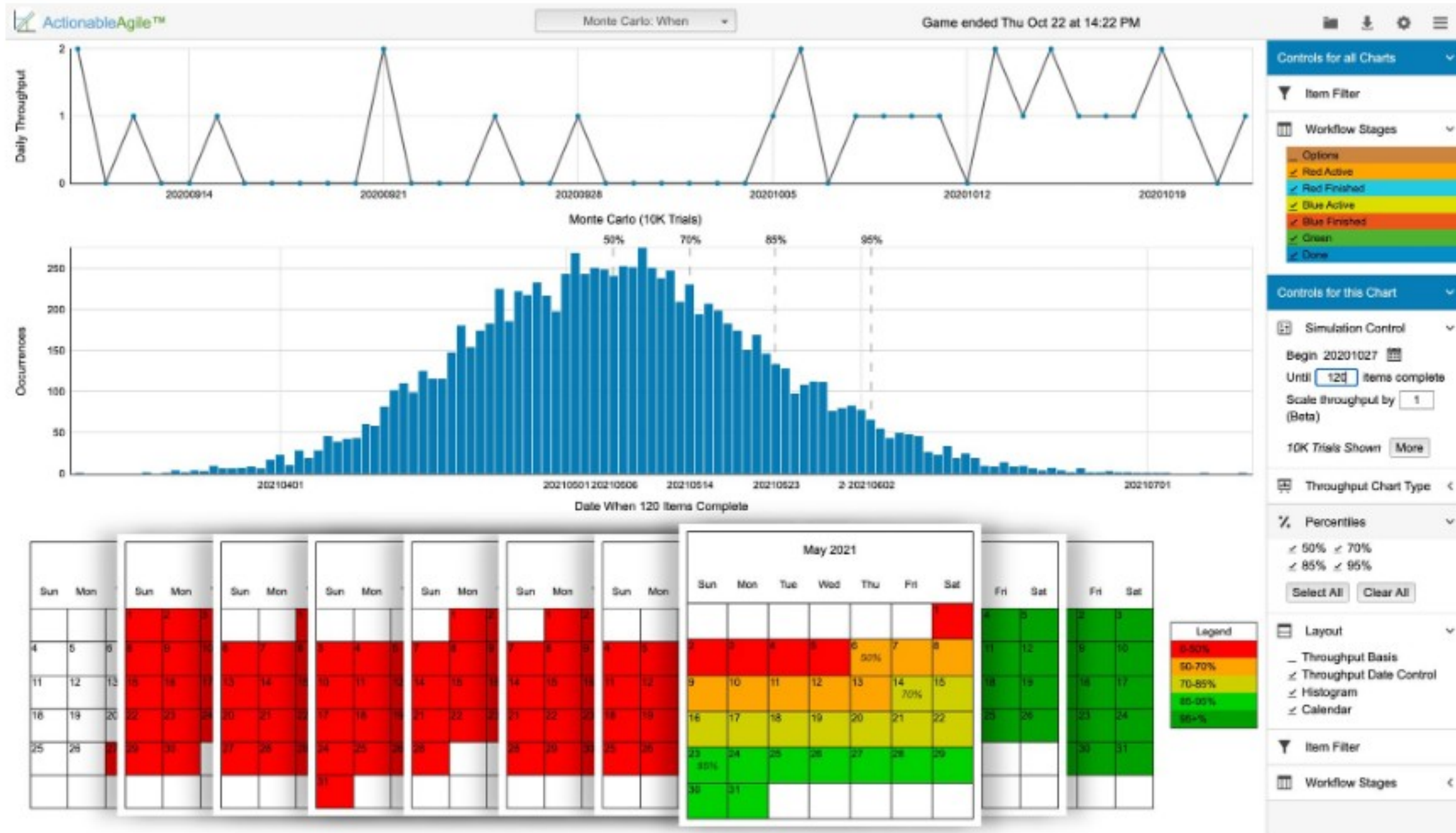
Multiple-item estimation uses a "count over a period of time" calculation

- Story Points per Sprint (Velocity)
- Number of PBIs per Sprint (Velocity)
- Number of Work Items per Day (Throughput)



Don't use averages in complex work

Please please please. Just don't.



Bye bye Velocity. Hello Montecarlo.

Montecarlo is a statistical forecasting technique that uses Throughput as its core Flow Metric

one more thing...



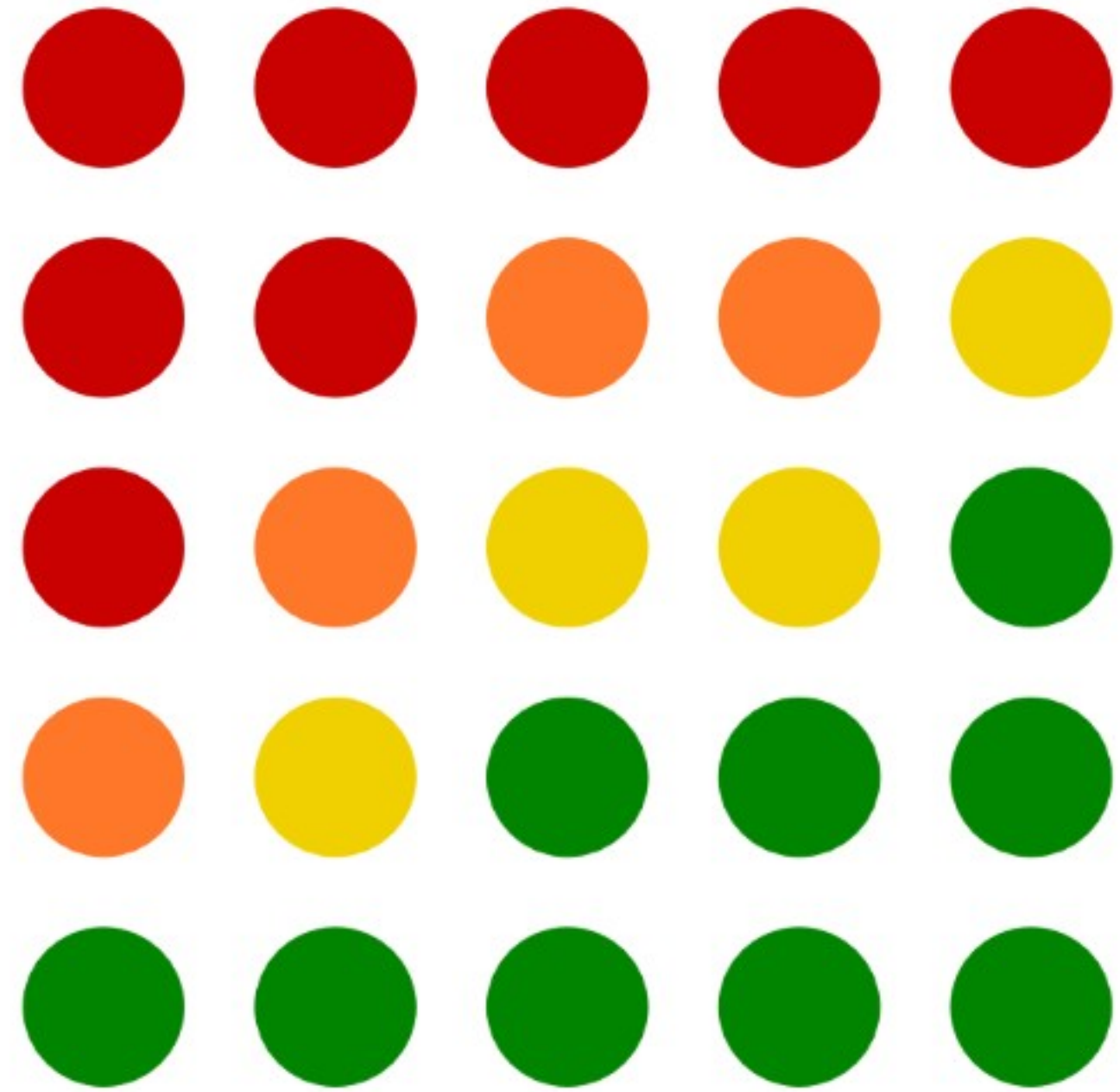


Aging Work in Progress

- The most awesome chart most people have never heard of
- Transform your Daily Scrum
- Anticipate delivery problems before it's too late
- The best kept secret in Agile



Level Up!
Defeat the Estimation Boss



Applying Metrics for Predictability

Thank you

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