Session 4:
The (near) future of analytics in iaptus

David Betts

5 November 2020

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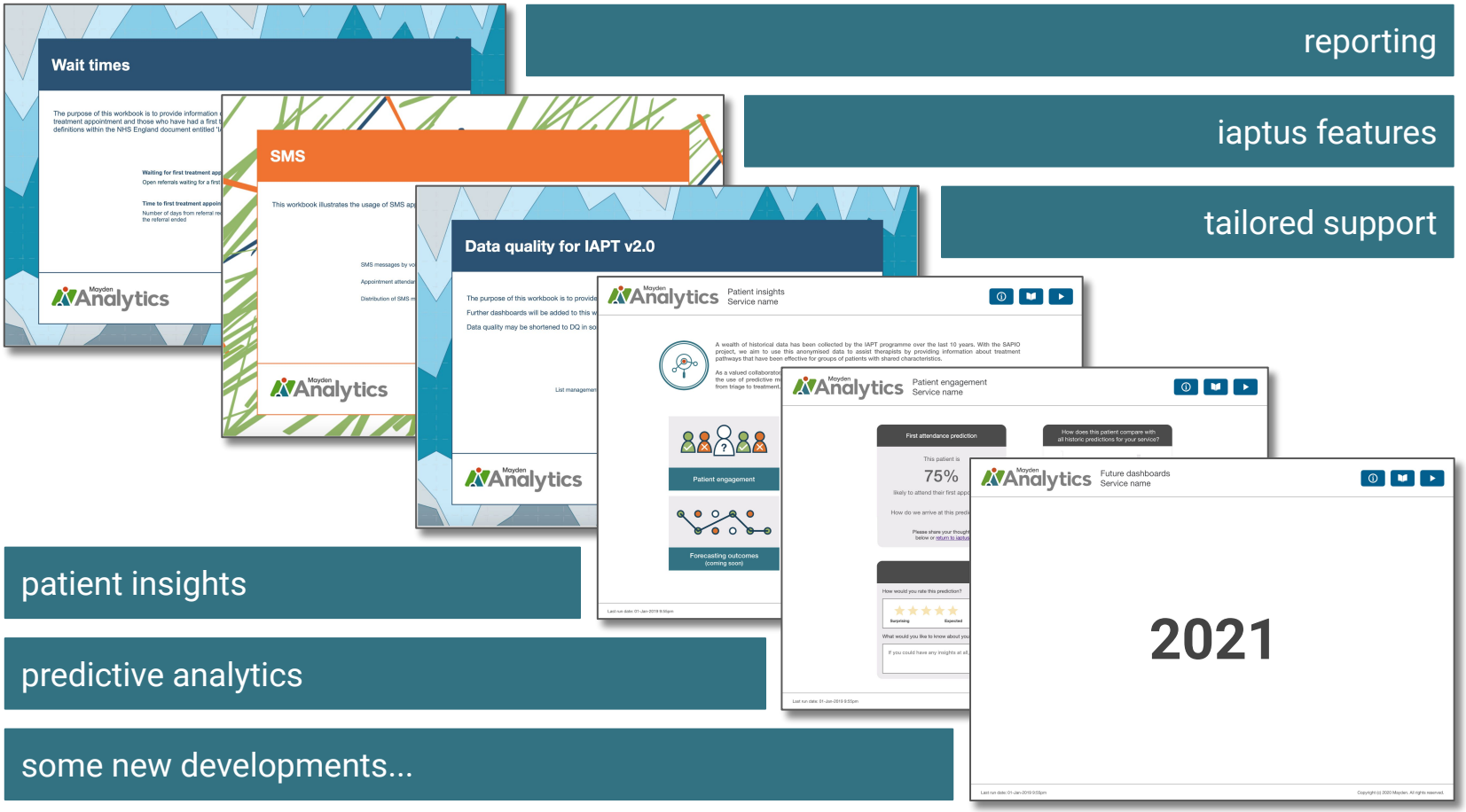


reporting

iaptus features

tailored support

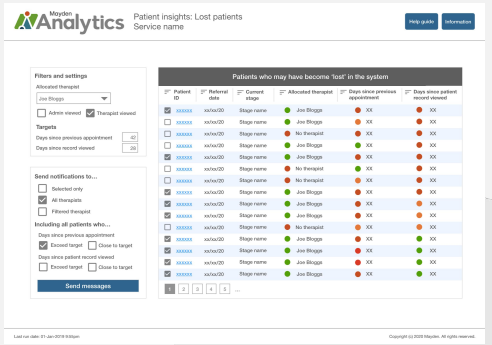
patient insights

predictive analytics

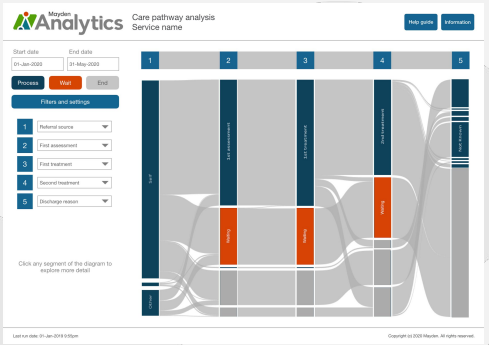
some new developments...

Introduction

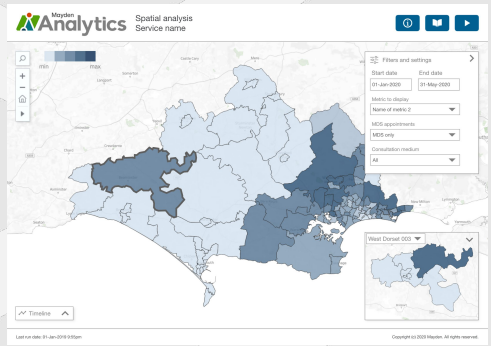
Expanding our data offering with **new features**, better **integration**, new **layers of data**, and a **new style**



Flagging ‘Lost’ patients



Care pathway analysis



Introducing maps in iaptus

‘Lost’ patients

“How can I find and flag patients who may have become ‘lost in the system’?”

‘Lost’ patients

- What do we mean by patients being ‘lost’?
- How can we **avoid manual checks** of care pathway stages to identify these patients and be sure that **none are missed**?

11
VOTE

Automated care pathway checks

We manually check care pathway stages for people who may have become lost in the system somehow. Individual therapists are then emailed to correct mistakes etc. It would be great if it was possible to create the checks we need in the hypercube somehow and then set up automatic email notifications to allocated therapists (or managers if the patient is not allocated to anyone).

mayden.uservoice.com

Mayden Analytics

Patient insights: Lost patients
Service name

Filters and settings

Allocated therapist

Joe Bloggs

- [ ] Admin viewed
- [x] Therapist viewed

Targets

Days since previous appointment	42
Days since record viewed	28

Send notifications to...

- [ ] Selected only
- [x] All therapists
- [ ] Filtered therapist

Including all patients who...

Days since previous appointment

- [x] Exceed target
- [ ] Close to target

Days since patient record viewed

- [ ] Exceed target
- [ ] Close to target

Send messages

Patients who may have become 'lost' in the system

Patient ID	Referral date	Current stage	Allocated therapist	Days since previous appointment	Days since patient record viewed
xxxxxx	xx/xx/20	Stage name	Joe Bloggs	XX	XX
xxxxxx	xx/xx/20	Stage name	Joe Bloggs	XX	XX
xxxxxx	xx/xx/20	Stage name	No therapist	XX	XX
xxxxxx	xx/xx/20	Stage name	Joe Bloggs	XX	XX
xxxxxx	xx/xx/20	Stage name	Joe Bloggs	XX	XX
xxxxxx	xx/xx/20	Stage name	No therapist	XX	XX
xxxxxx	xx/xx/20	Stage name	No therapist	XX	XX
xxxxxx	xx/xx/20	Stage name	Joe Bloggs	XX	XX
xxxxxx	xx/xx/20	Stage name	Joe Bloggs	XX	XX
xxxxxx	xx/xx/20	Stage name	Joe Bloggs	XX	XX
xxxxxx	xx/xx/20	Stage name	No therapist	XX	XX
xxxxxx	xx/xx/20	Stage name	Joe Bloggs	XX	XX
xxxxxx	xx/xx/20	Stage name	Joe Bloggs	XX	XX
xxxxxx	xx/xx/20	Stage name	Joe Bloggs	XX	XX
xxxxxx	xx/xx/20	Stage name	Joe Bloggs	XX	XX

1 2 3 4 5 ...

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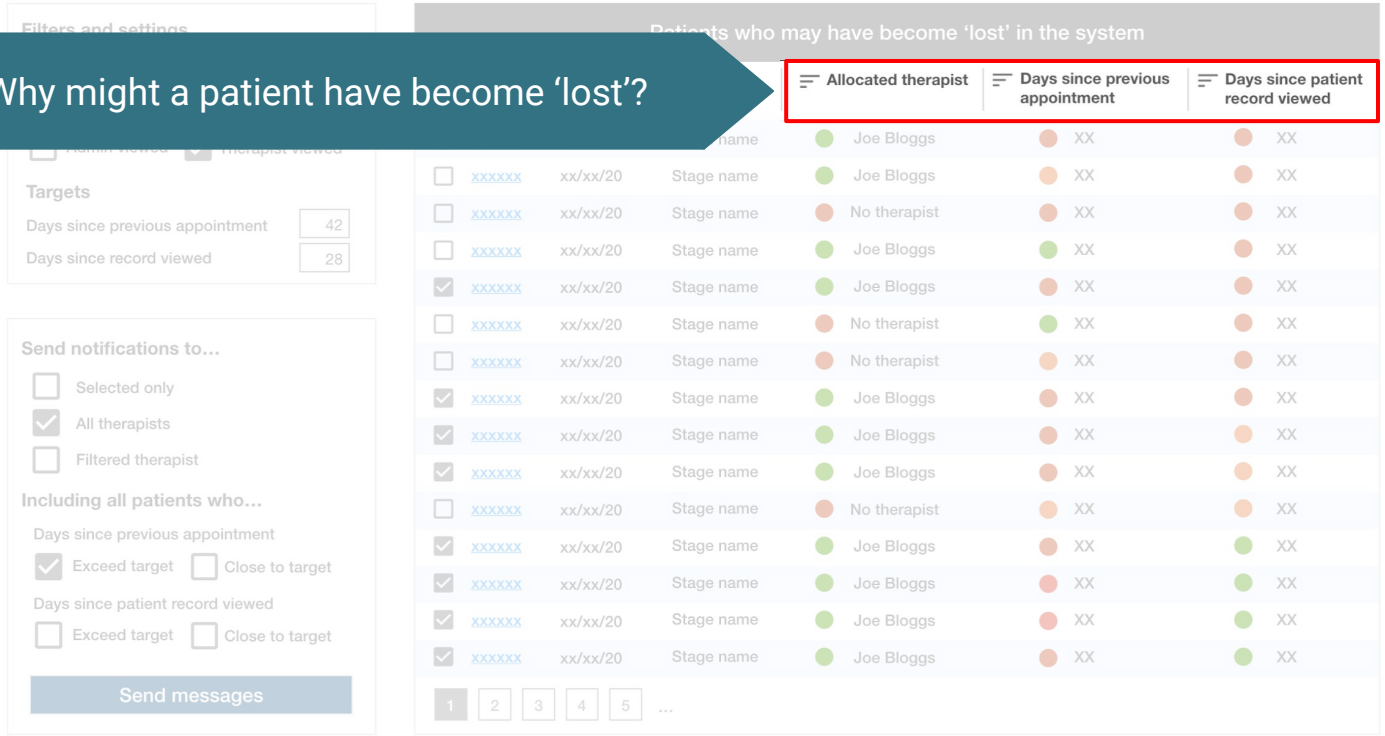
Why might a patient have become ‘lost’?



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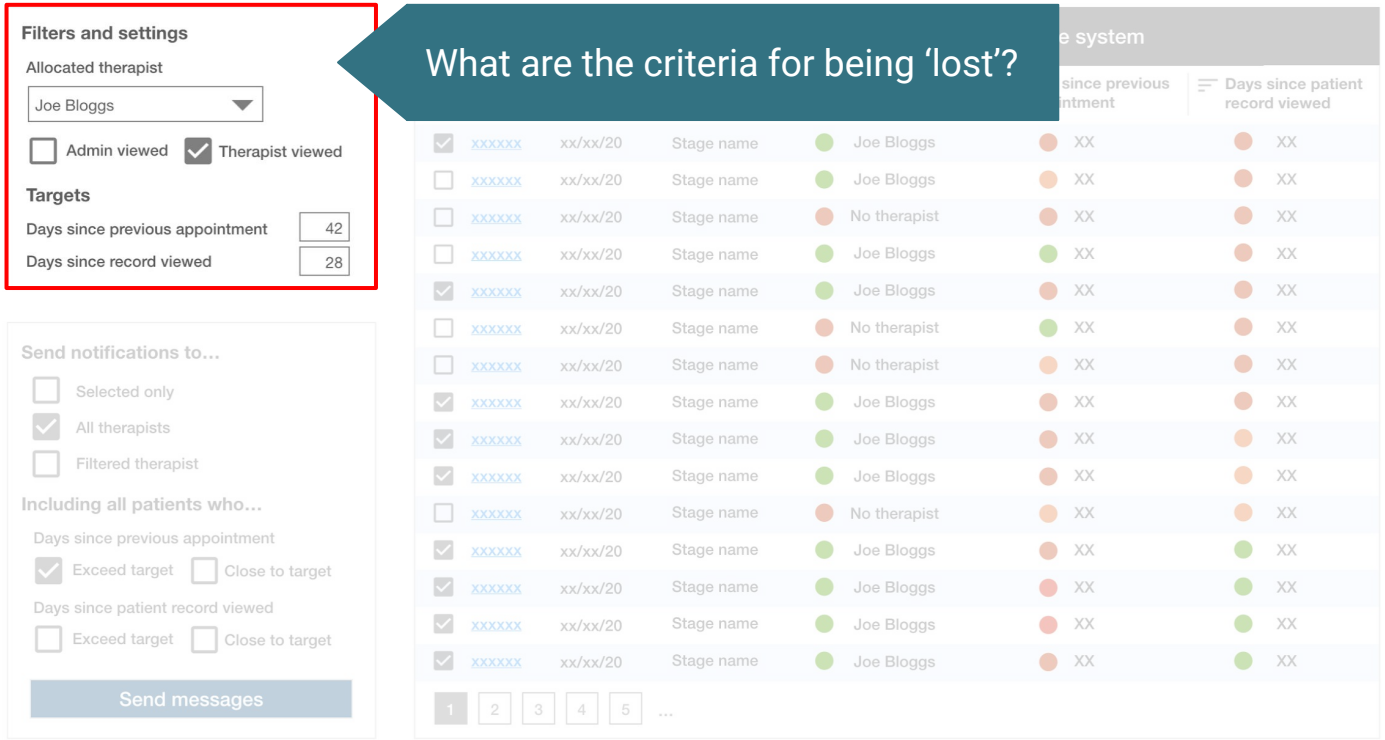

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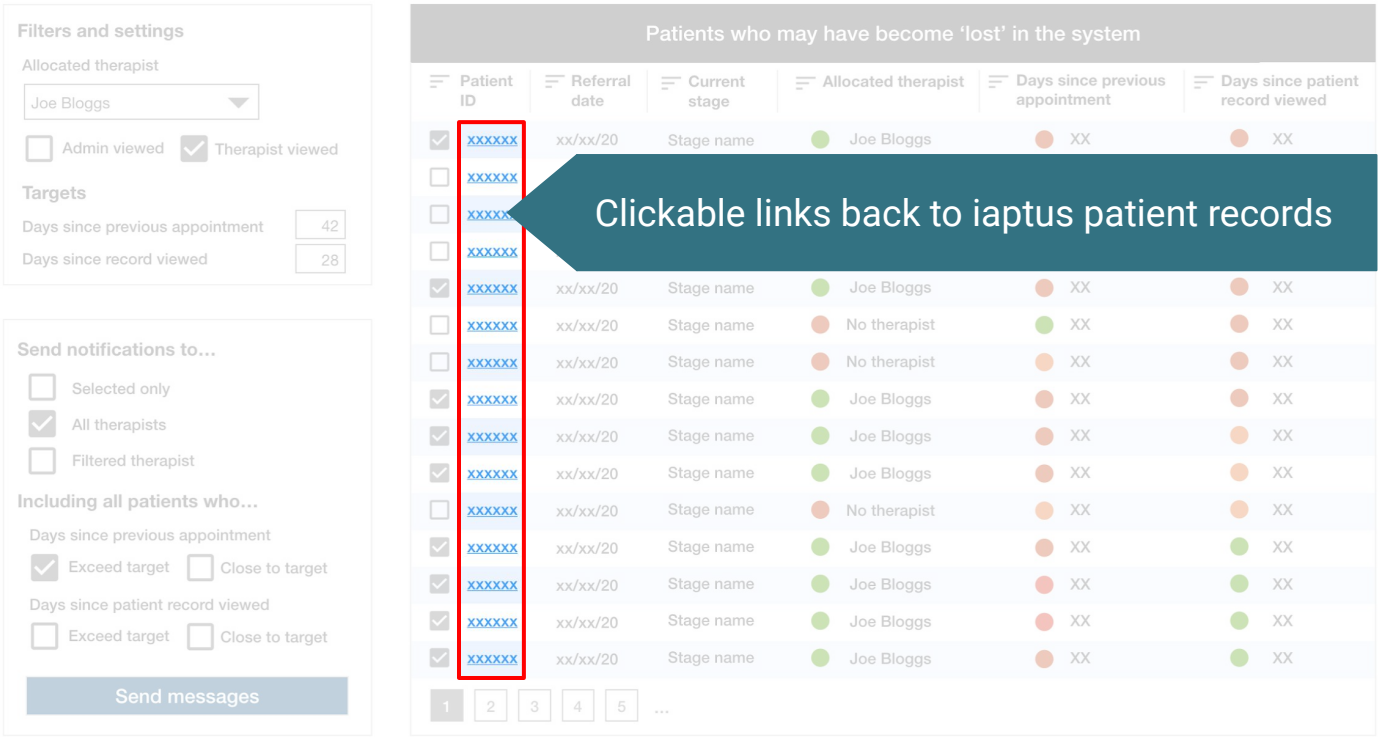

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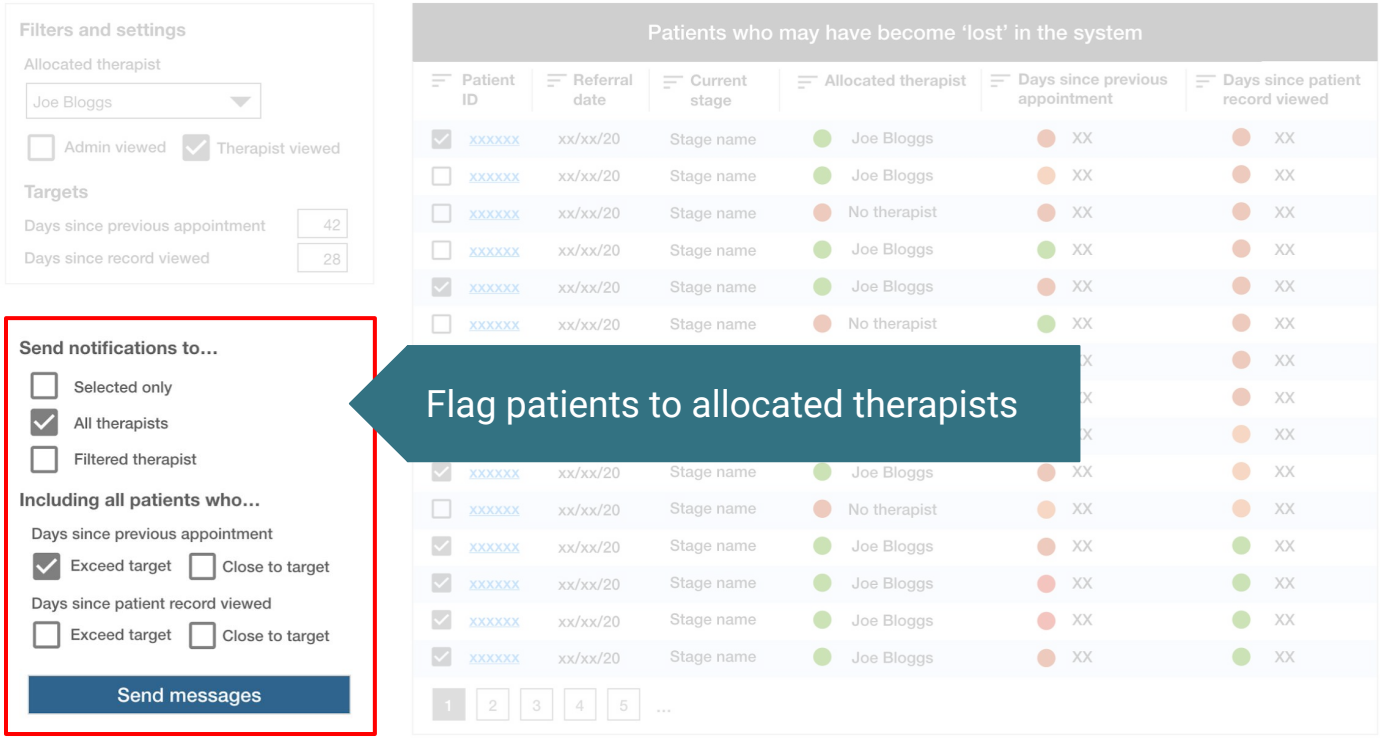

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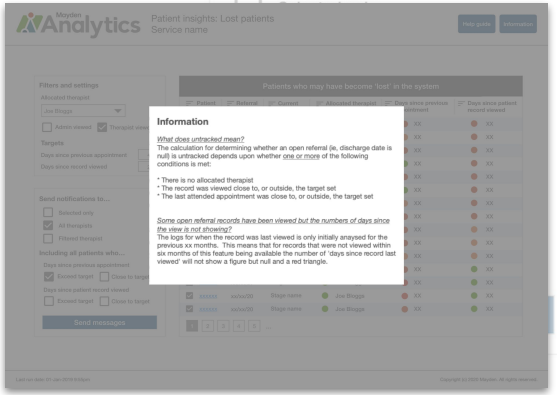
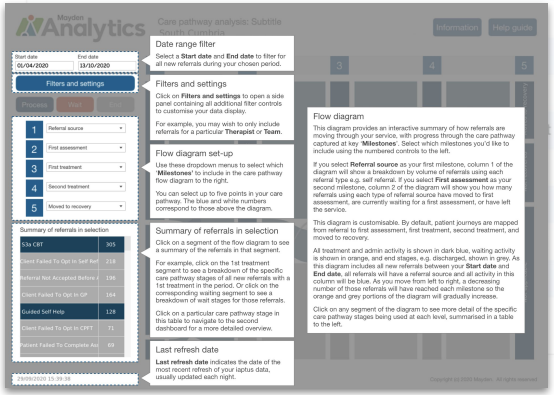
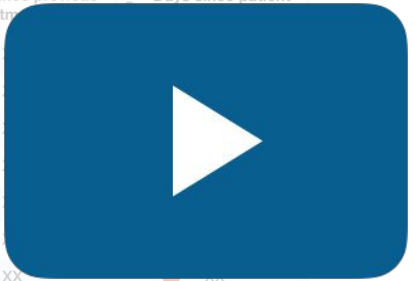
Information

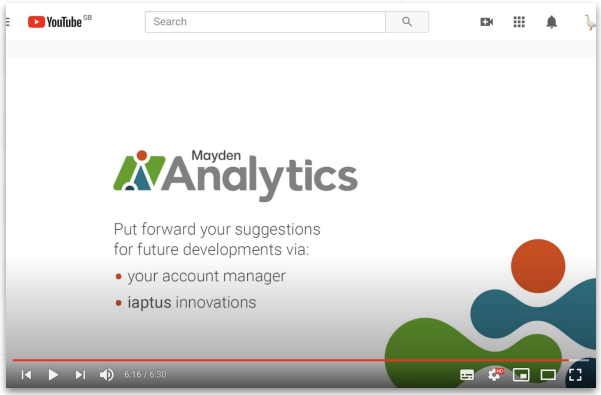


Help guide



Demo video





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Mayden Analytics

Patient insights: Lost patients
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xxxxxx	xx/xx/20	Stage name	Joe Bloggs	XX	XX
xxxxxx	xx/xx/20	Stage name	No therapist	XX	XX
xxxxxx	xx/xx/20	Stage name	No therapist	XX	XX
xxxxxx	xx/xx/20	Stage name	Joe Bloggs	XX	XX
xxxxxx	xx/xx/20	Stage name	Joe Bloggs	XX	XX
xxxxxx	xx/xx/20	Stage name	Joe Bloggs	XX	XX
xxxxxx	xx/xx/20	Stage name	No therapist	XX	XX
xxxxxx	xx/xx/20	Stage name	Joe Bloggs	XX	XX
xxxxxx	xx/xx/20	Stage name	Joe Bloggs	XX	XX
xxxxxx	xx/xx/20	Stage name	Joe Bloggs	XX	XX
xxxxxx	xx/xx/20	Stage name	Joe Bloggs	XX	XX

1 2 3 4 5 ...

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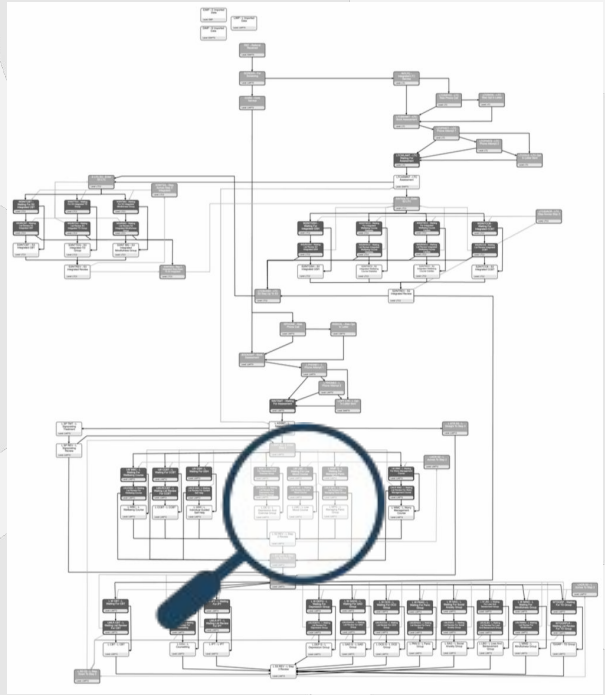
Care pathway analysis

“What are the common routes through my service, where are the bottlenecks and longest wait times?”

Care pathway analysis

- **Simplifying** complex care pathways
- A high-level snapshot of the service
- An in-depth look at the finer details



Mayden Analytics

Care pathway analysis
Service name

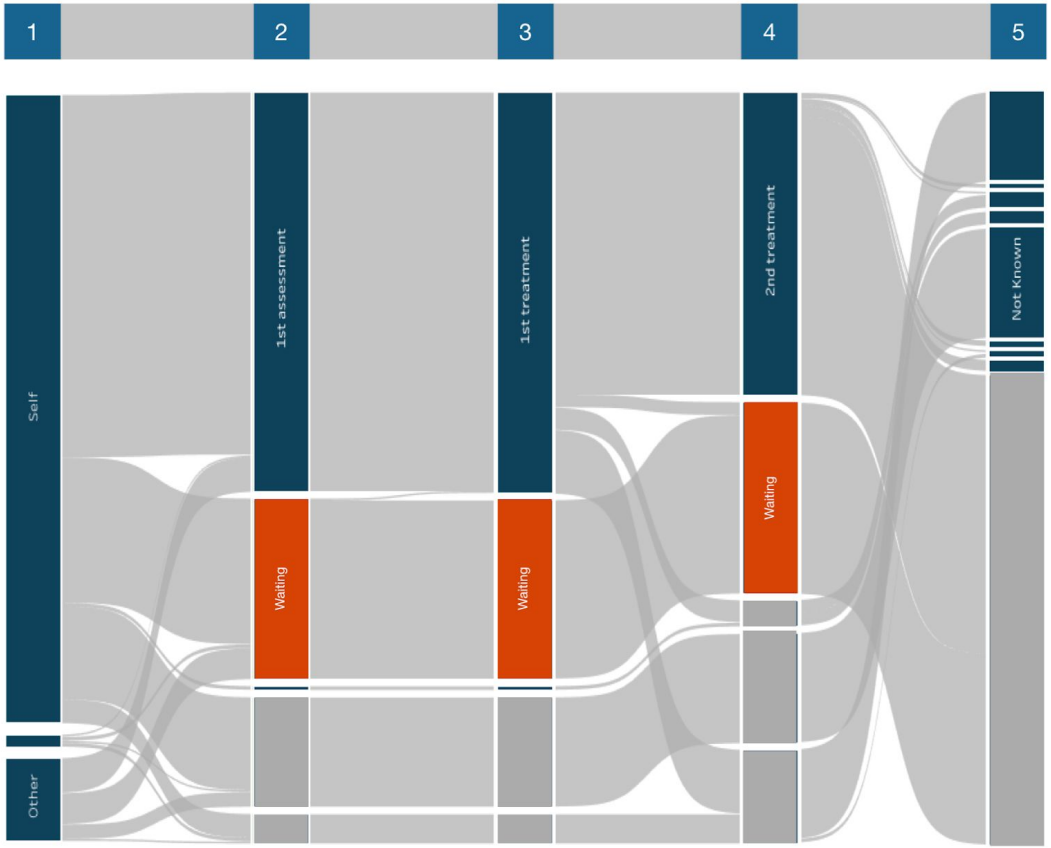
Start date: 01-Jan-2020
End date: 31-May-2020

Process | Wait | End

Filters and settings

1 Referral source
2 First assessment
3 First treatment
4 Second treatment
5 Discharge reason

Click any segment of the diagram to explore more detail



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Mayden Analytics

Care pathway analysis
Service name

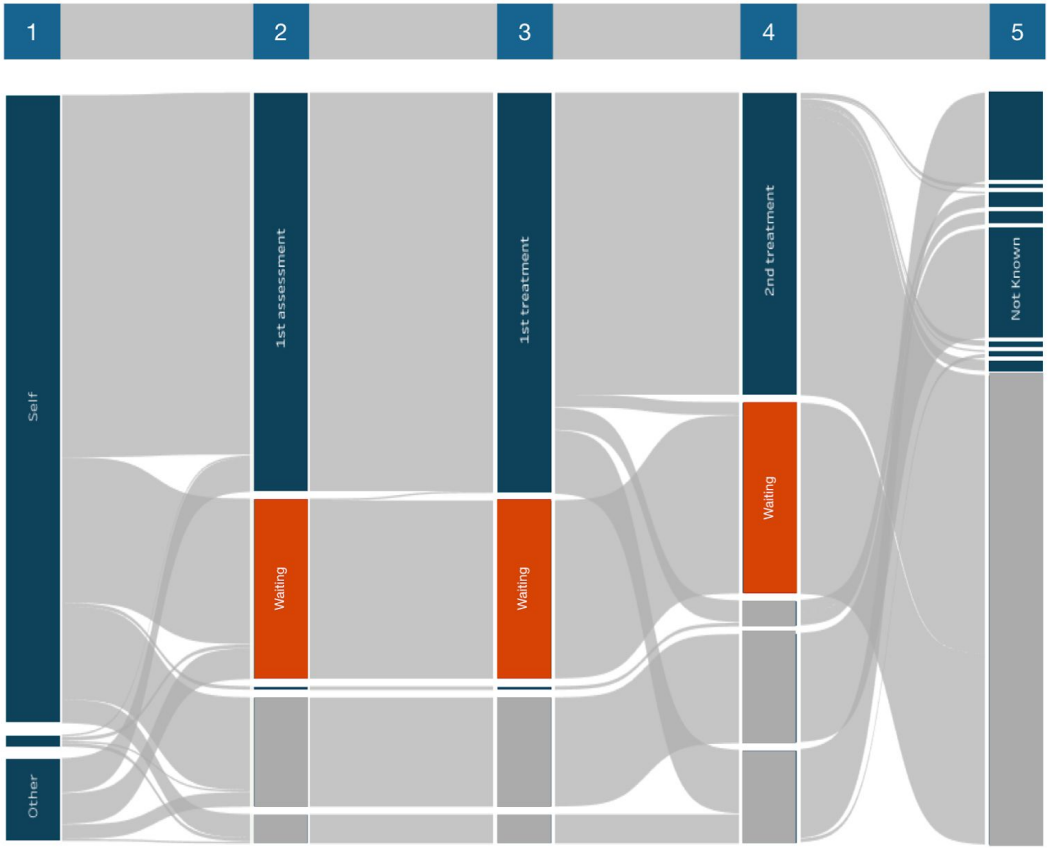
Start date: 01-Jan-2020

End date: 31-May-2020

Process | Wait | End

Close

Filters and settings



Last run date: 01-Jan-2019 9:55pm

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Mayden Analytics

Care pathway analysis
Service name

Start date: 01-Jan-2020

End date: 31-May-2020

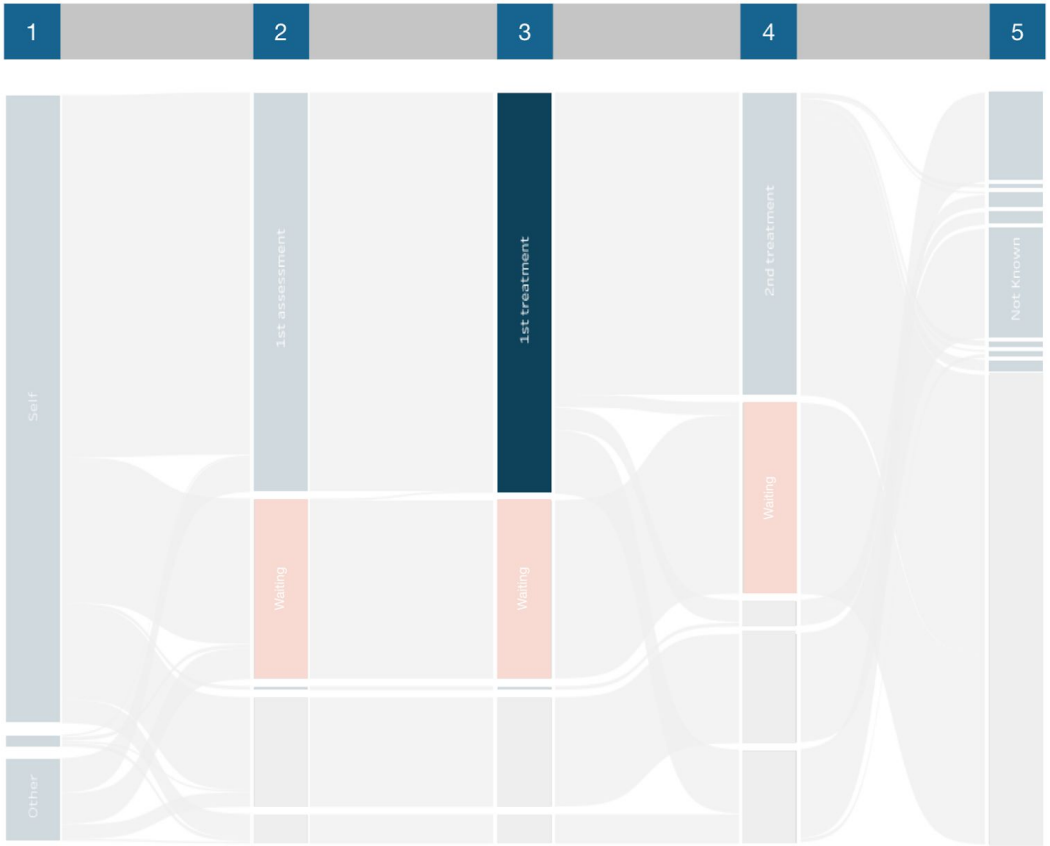
Process | Wait | End

Filters and settings

1. Referral source
2. First assessment
3. First treatment
4. Second treatment
5. Discharge reason

Summary of patients in selection

Depression and exercise group	XX
Ready For Step 3 CBT	XX
Ready For Step 2 CBT	XX
Step 2 CBT	XX
R3 Counselling For Depression	XX
R3 EMDR	XX



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Mayden Analytics

Care pathway analysis
Service name

Start date: 01-Jan-2020
End date: 31-May-2020

Process | Wait | End

Filters and settings

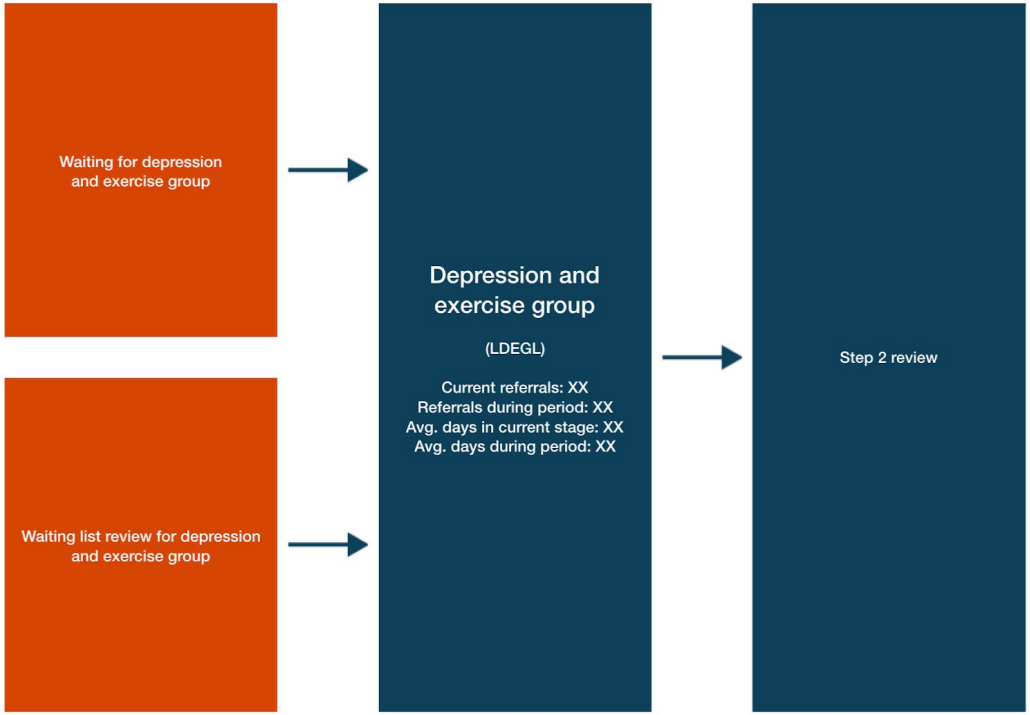
Sort by: Referrals currently in stage
Select a stage: Depression and exercise group
Sort by: Referrals currently in stage

Referrals at stage: At end date

Depression and exercise group	XX
Ready For Step 3 CBT	XX
Ready For Step 2 CBT	XX
Step 2 CBT	XX
R3 Counselling For Depression	XX

Time spent at stage: Average (days)

Depression and exercise group	XX
Ready For Step 3 CBT	XX
Ready For Step 2 CBT	XX
Step 2 CBT	XX
R3 Counselling For Depression	XX



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Care pathway analysis
Service name

Start date: 01-Jan-2020
End date: 31-May-2020

Process | Wait | End

Filters and settings

Sort by: Referrals currently in stage

Select a stage: Depression and exercise group

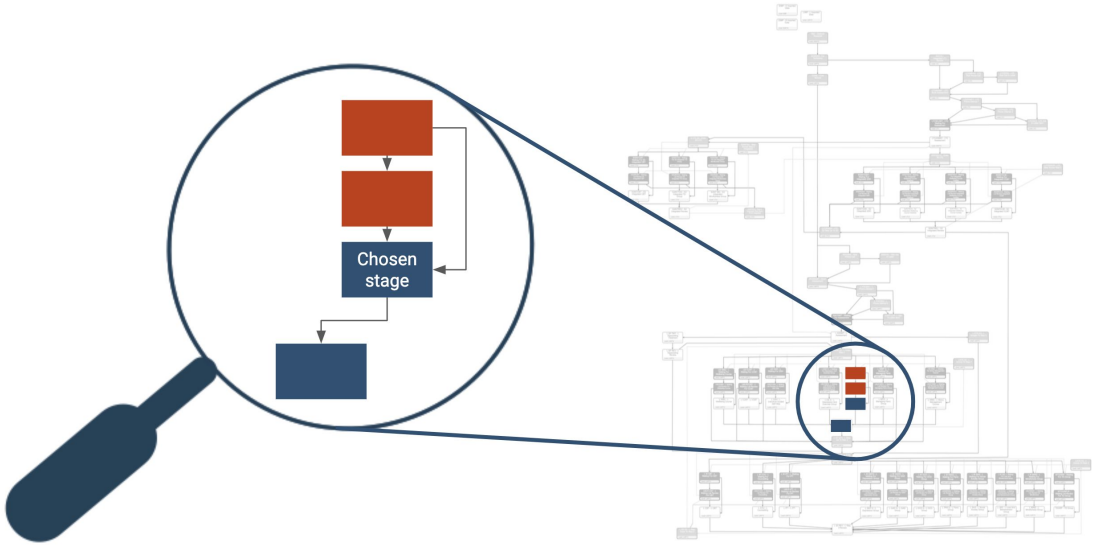
Sort by: Referrals currently in stage

Referrals at stage: At end date

Depression and exercise group	XX
Ready For Step 3 CBT	XX
Ready For Step 2 CBT	XX
Step 2 CBT	XX
R3 Counselling For Depression	XX

Time spent at stage: Average (days)

Depression and exercise group	XX
Ready For Step 3 CBT	XX
Ready For Step 2 CBT	XX
Step 2 CBT	XX
R3 Counselling For Depression	XX



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Mayden Analytics

Care pathway analysis
Service name

Start date: 01-Jan-2020
End date: 31-May-2020

Process | Wait | End

Filters and settings

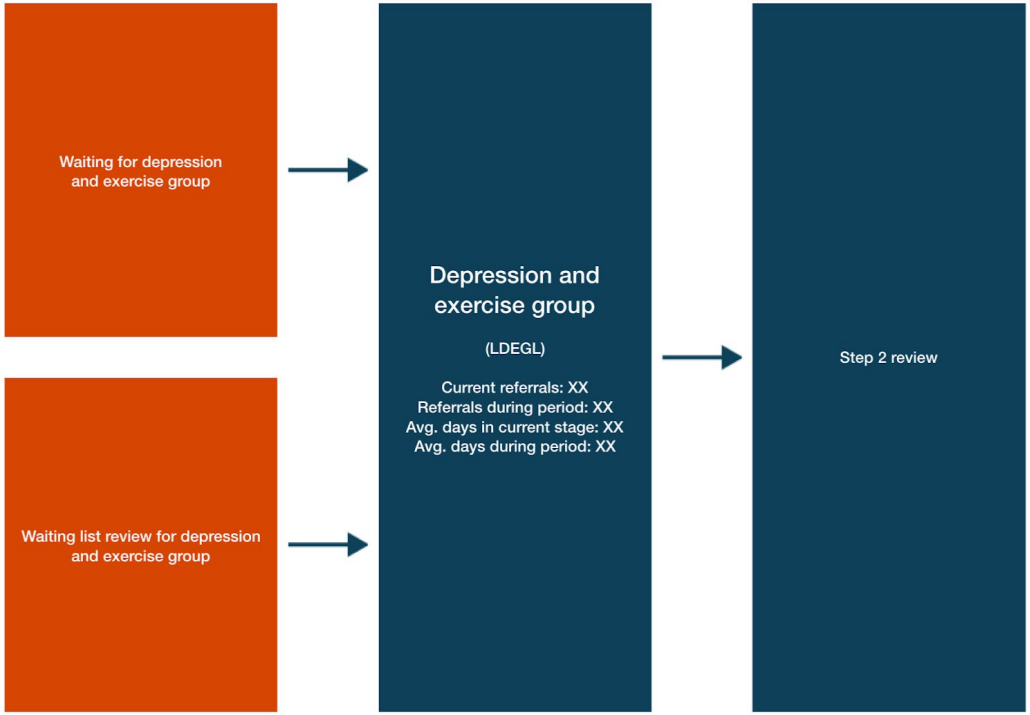
Sort by: Referrals currently in stage
Select a stage: Depression and exercise group
Sort by: Referrals currently in stage

Referrals at stage: At end date

Depression and exercise group	XX
Ready For Step 3 CBT	XX
Ready For Step 2 CBT	XX
Step 2 CBT	XX
R3 Counselling For Depression	XX

Time spent at stage: Average (days)

Depression and exercise group	XX
Ready For Step 3 CBT	XX
Ready For Step 2 CBT	XX
Step 2 CBT	XX
R3 Counselling For Depression	XX



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Mayden Analytics

Care pathway analysis
Service name

Start date: 01-Jan-2020
End date: 31-May-2020

Process | Wait | End

Filters and settings

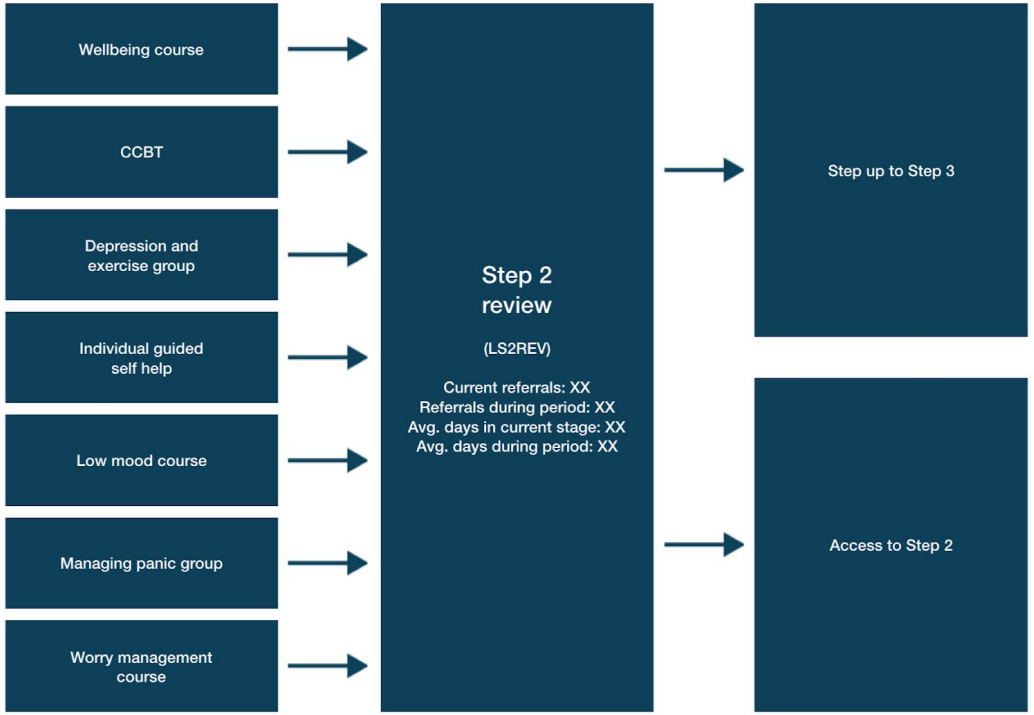
Sort by: Referrals currently in stage
Select a stage: Step 2 review
Sort by: Referrals currently in stage

Referrals at stage: At end date

Depression and exercise group	XX
Ready For Step 3 CBT	XX
Ready For Step 2 CBT	XX
Step 2 CBT	XX
R3 Counselling For Depression	XX

Time spent at stage: Average (days)

Depression and exercise group	XX
Ready For Step 3 CBT	XX
Ready For Step 2 CBT	XX
Step 2 CBT	XX
R3 Counselling For Depression	XX



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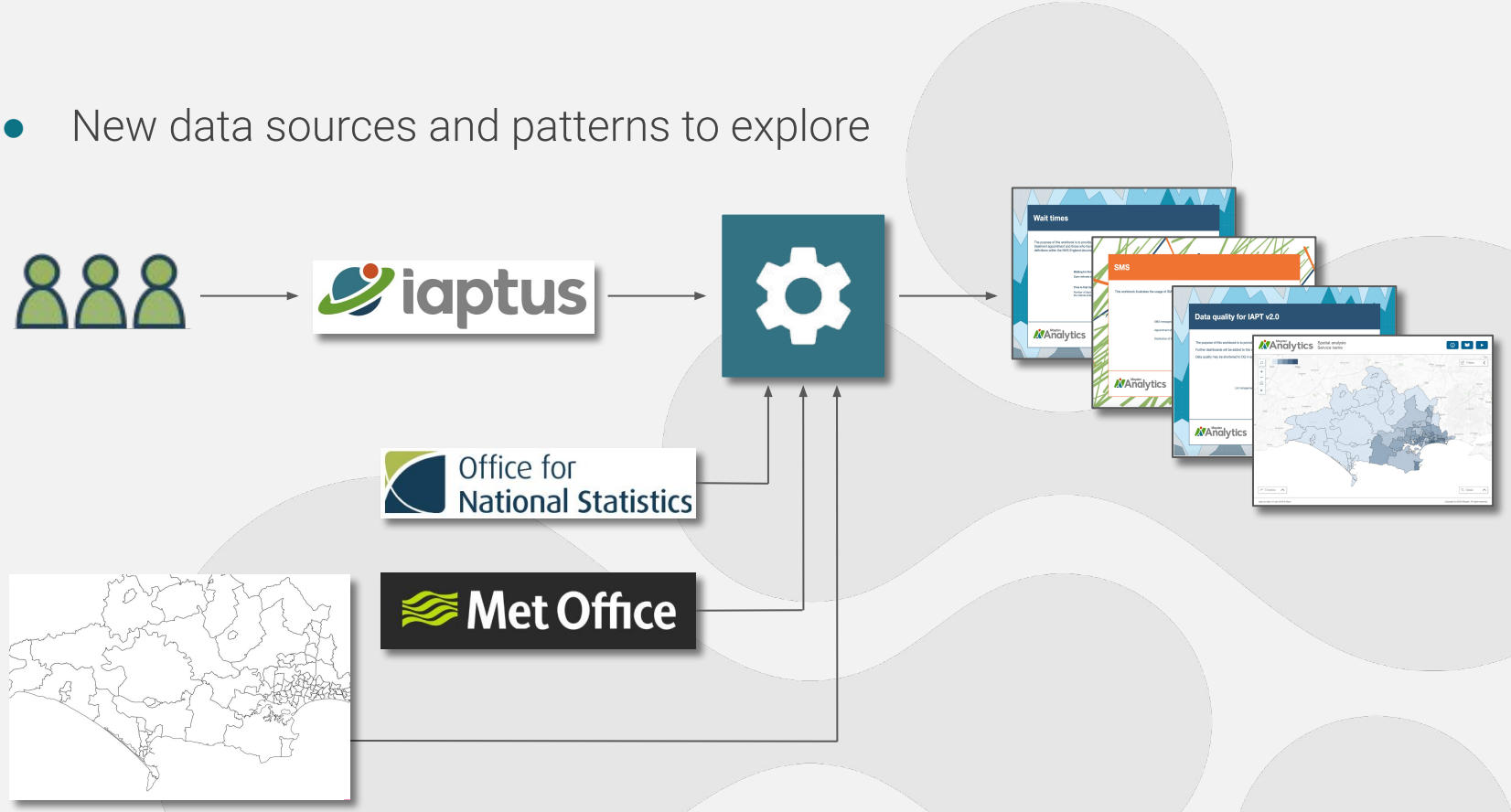
Introducing maps in iaptus

"A new platform for a new type of analysis"

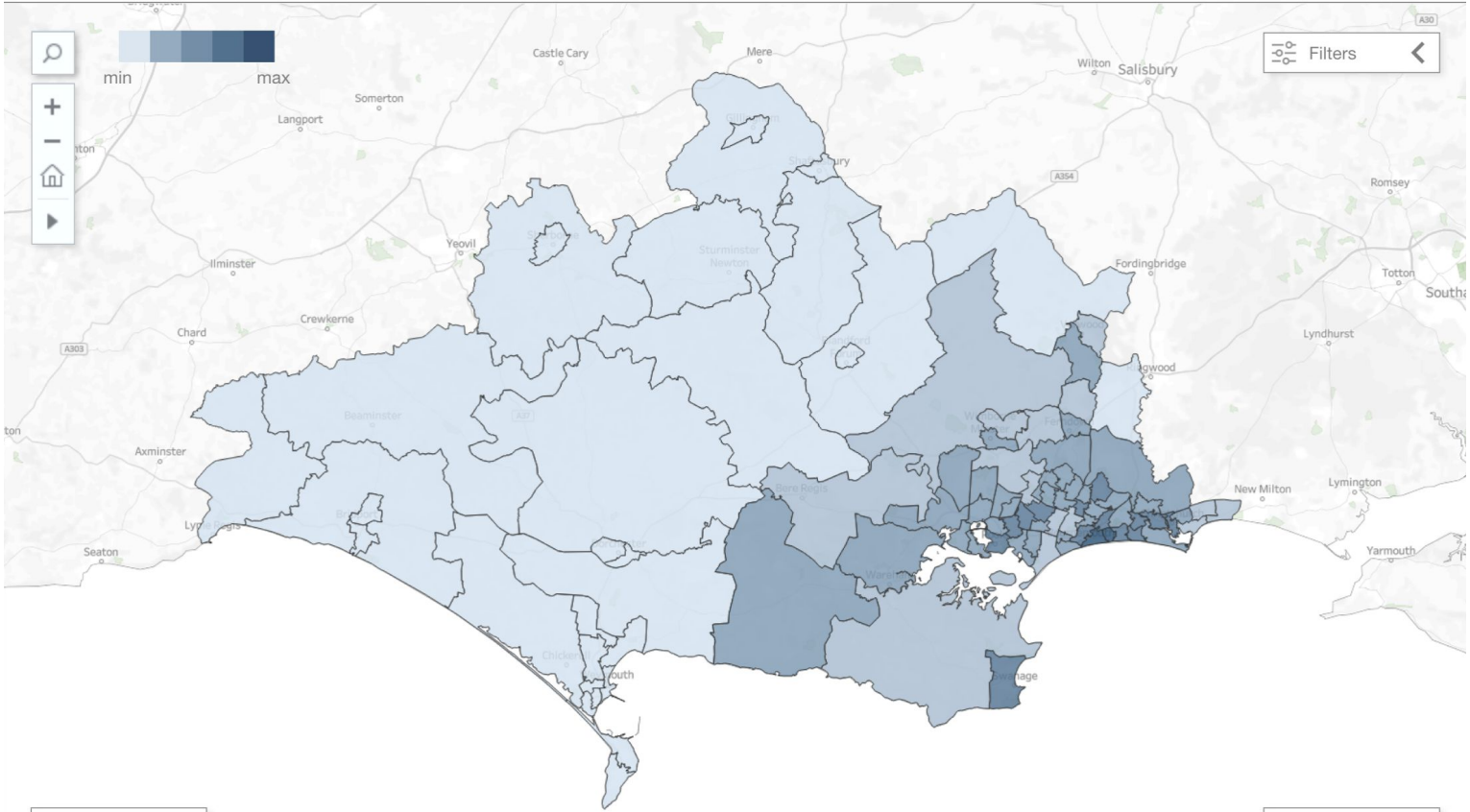
iaptus maps

- New data sources and patterns to explore



Mayden Analytics

Spatial analysis
Service name



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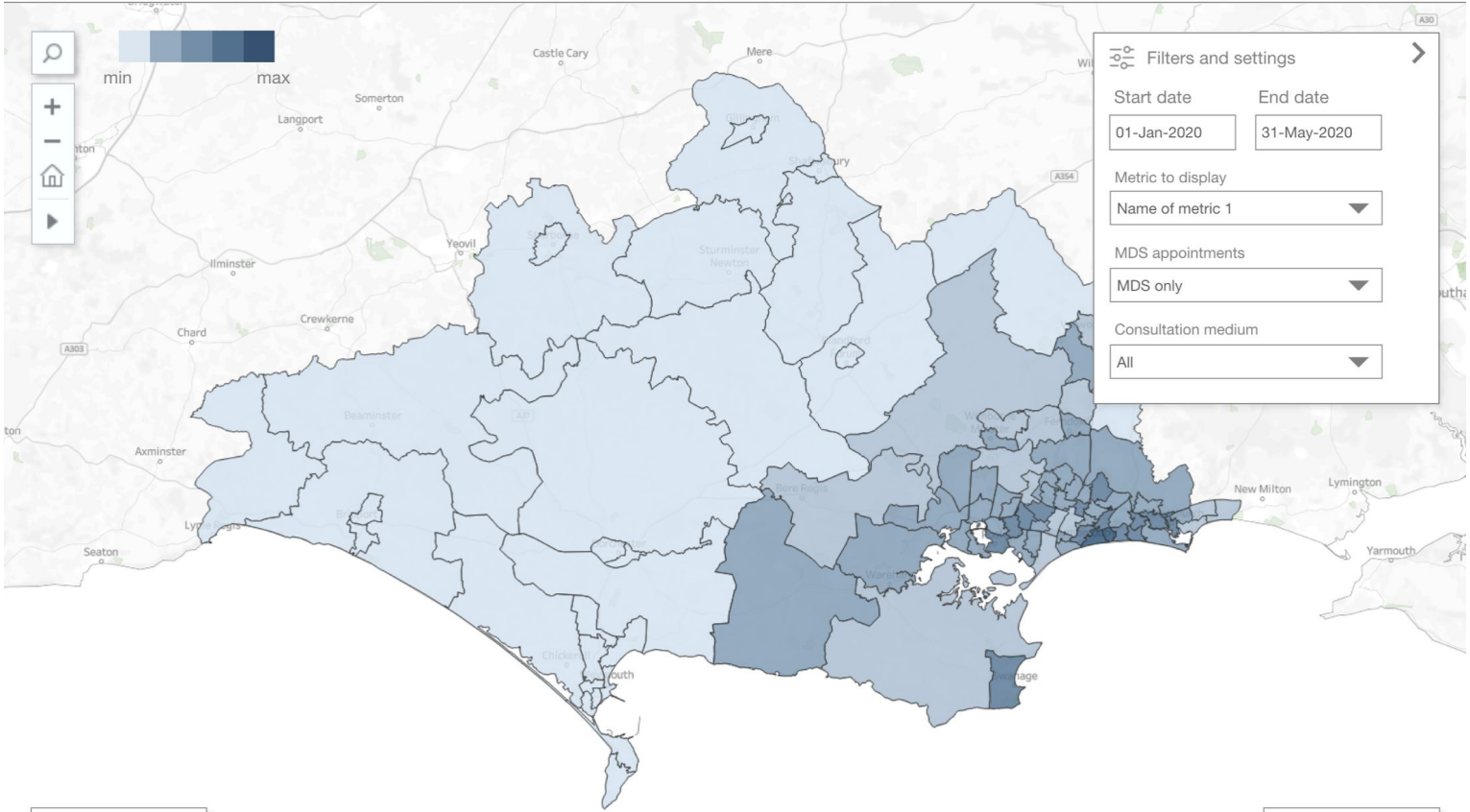

Timeline

Detail

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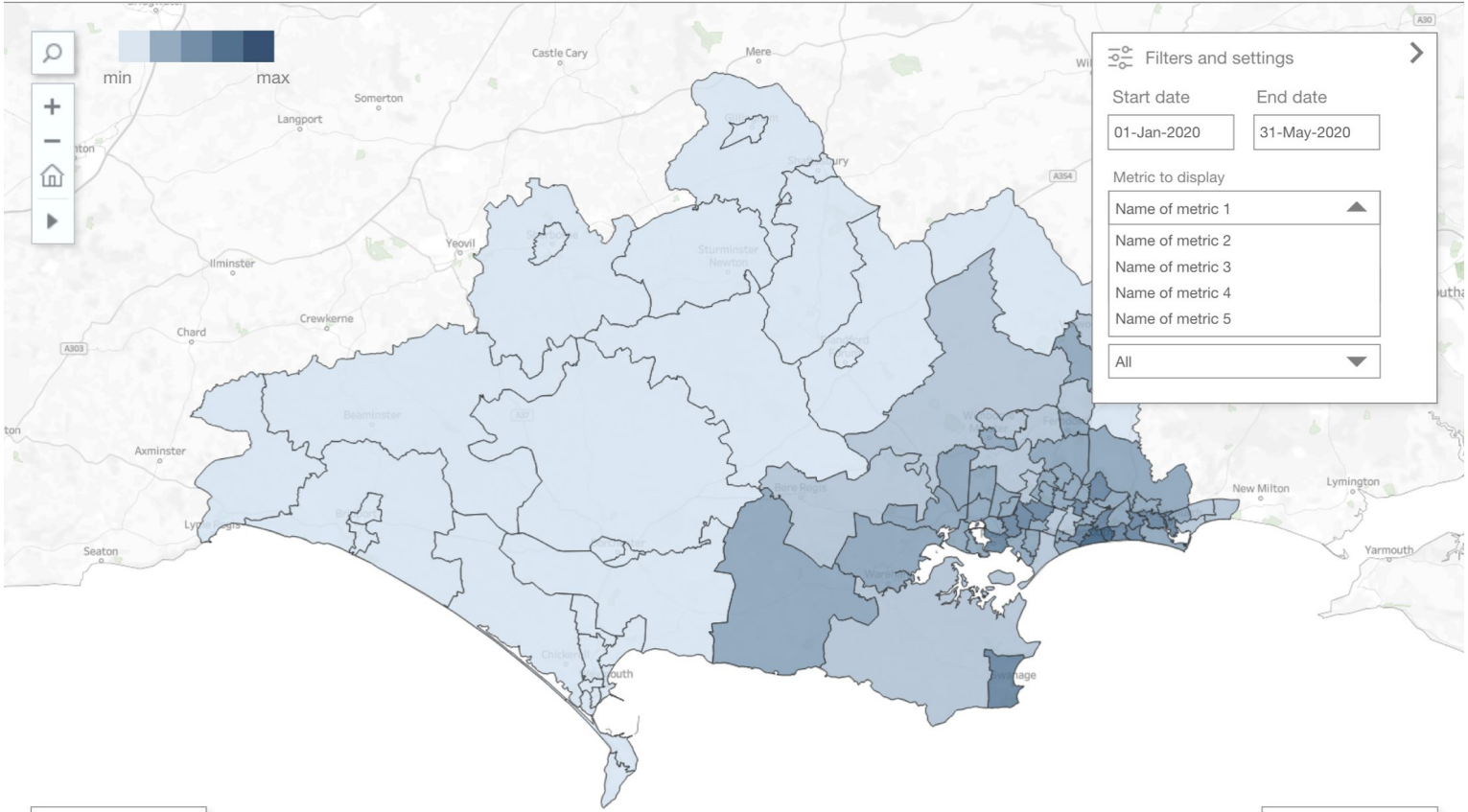
Spatial analysis
Service name



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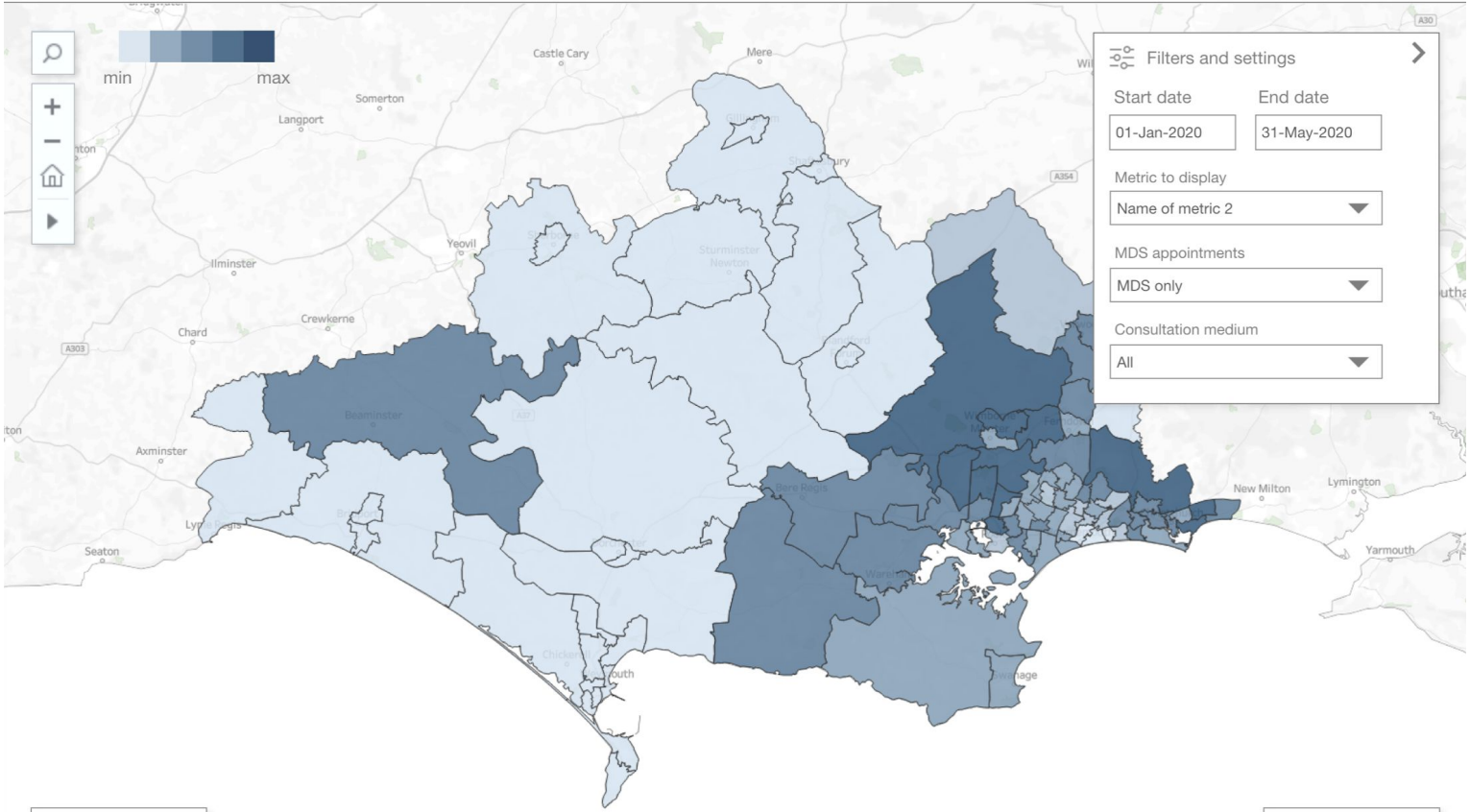

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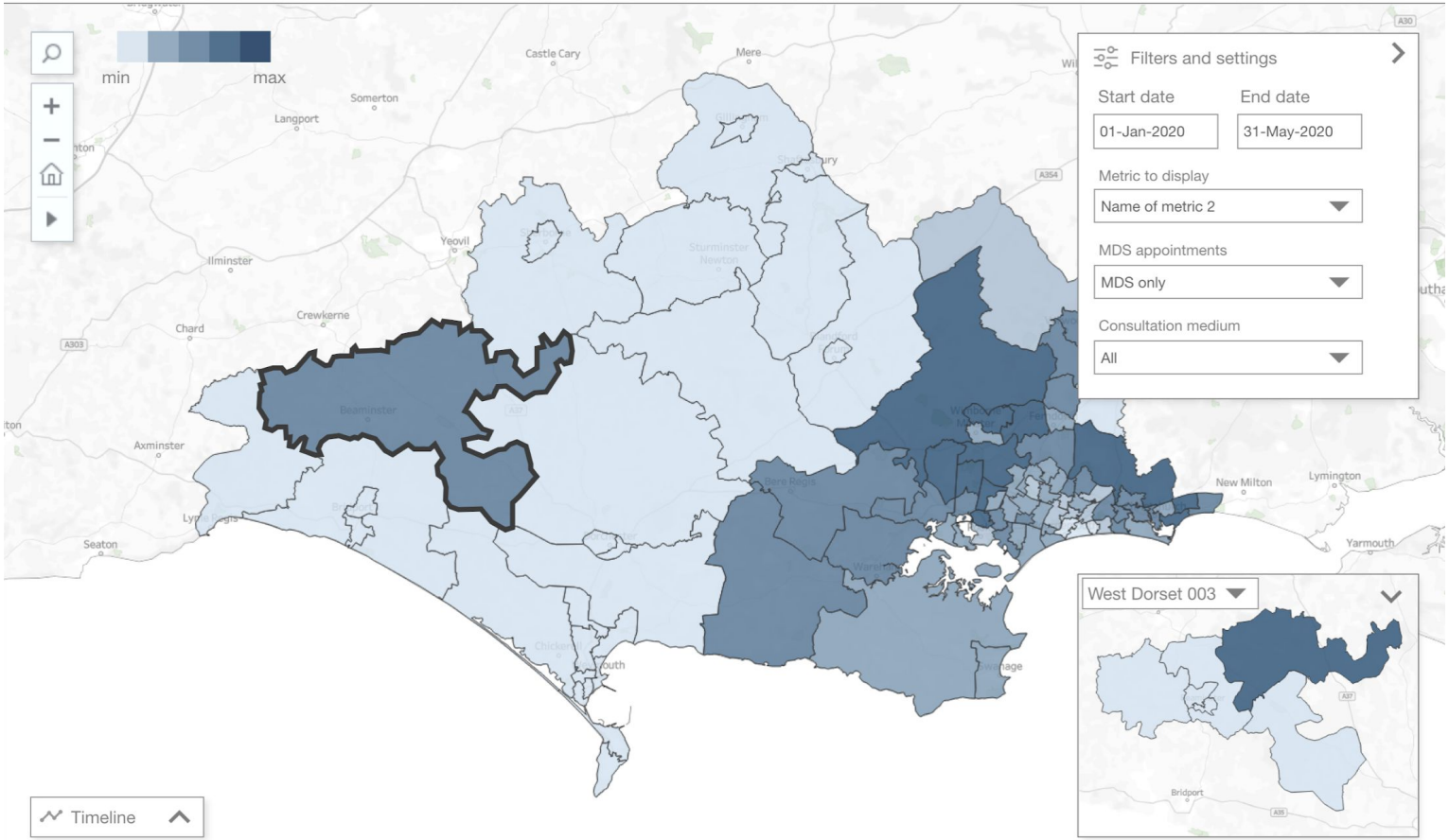

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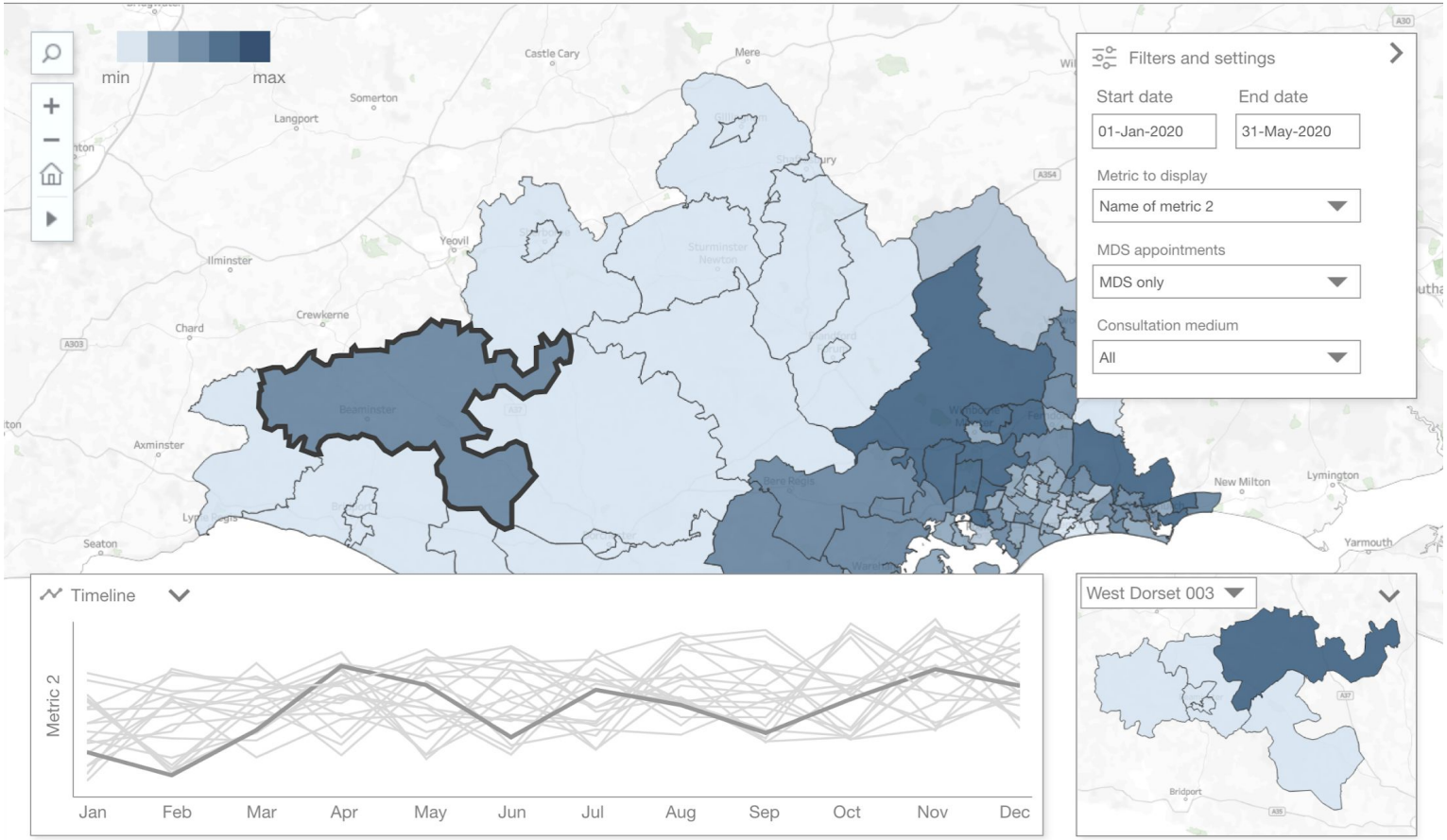

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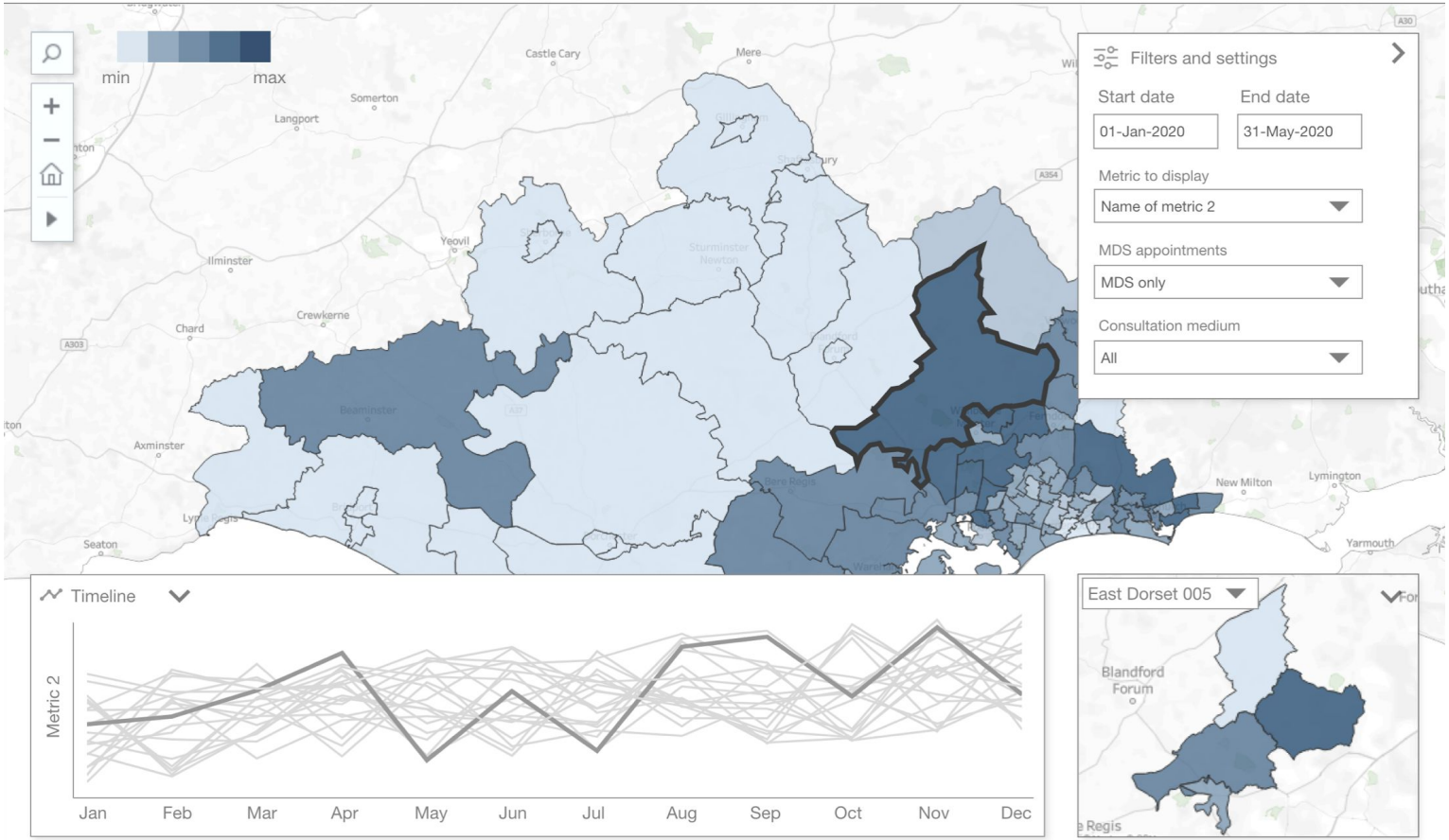

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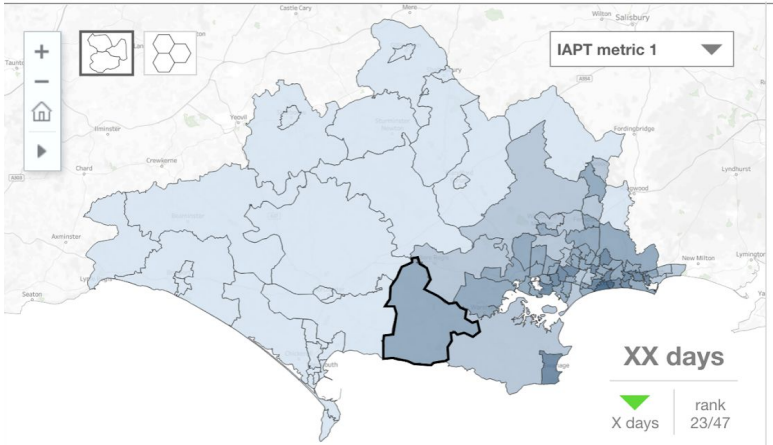
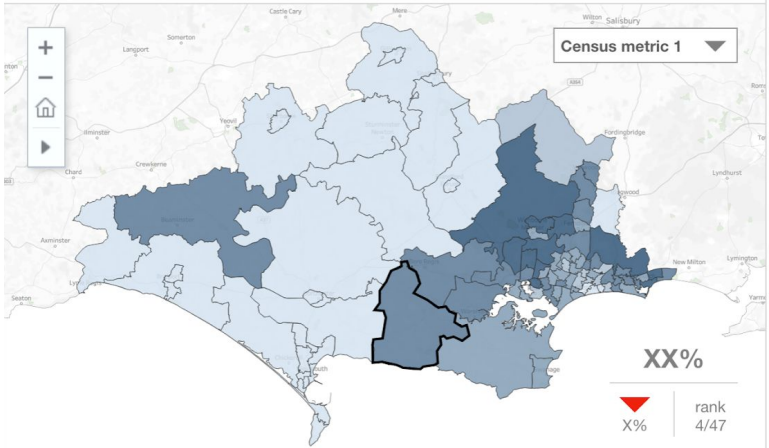


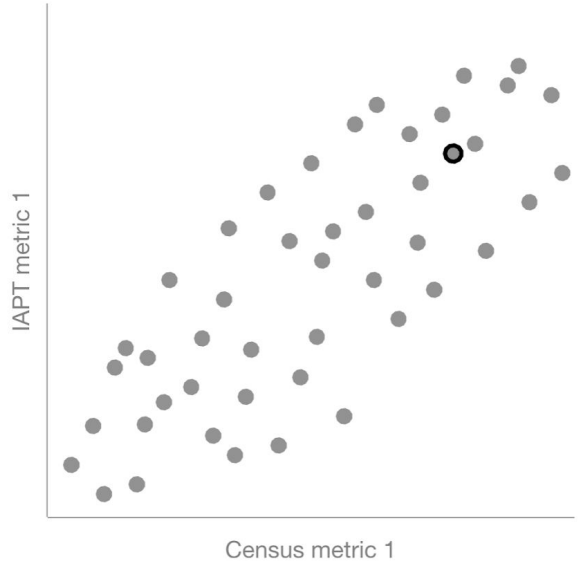


Start date
01-Jan-2020

End date
31-May-2020

Compare against historic patterns
1m 3m 6m 1y 5y all

Filters



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Spatial analysis
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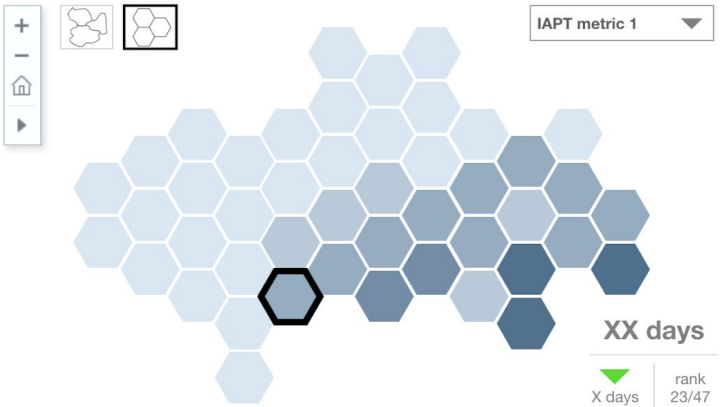

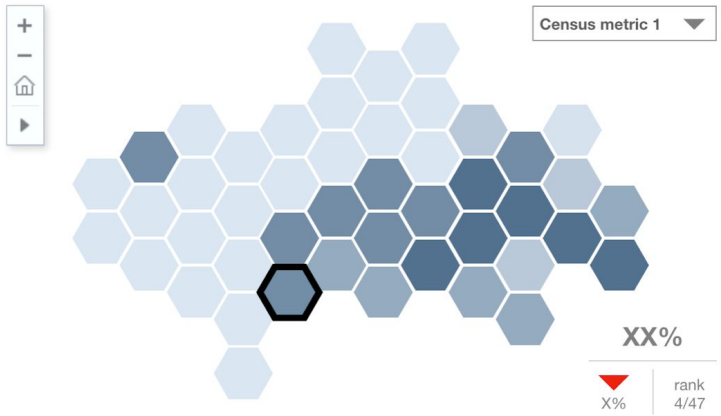

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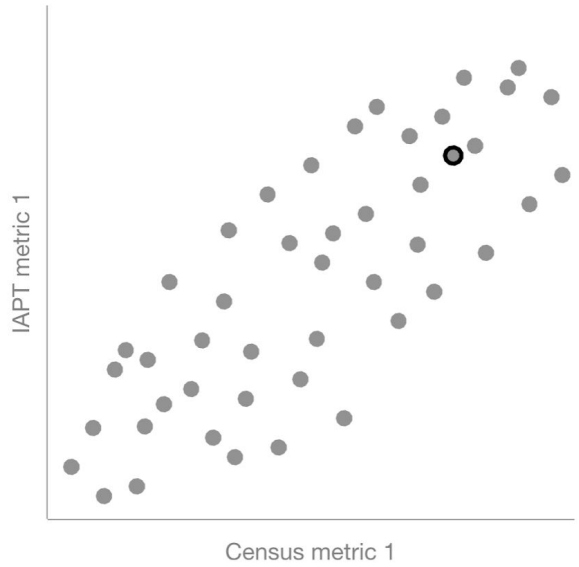

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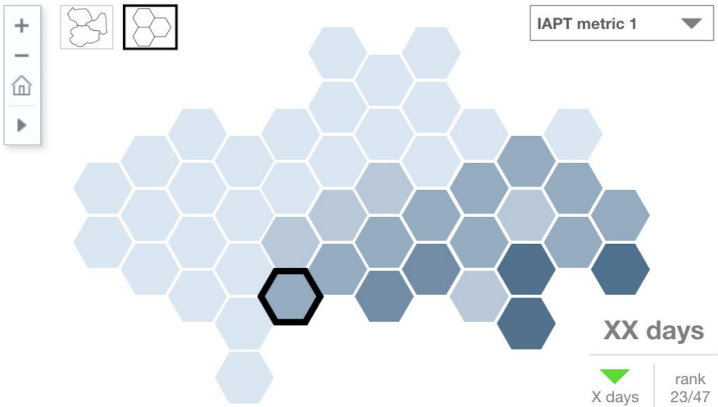
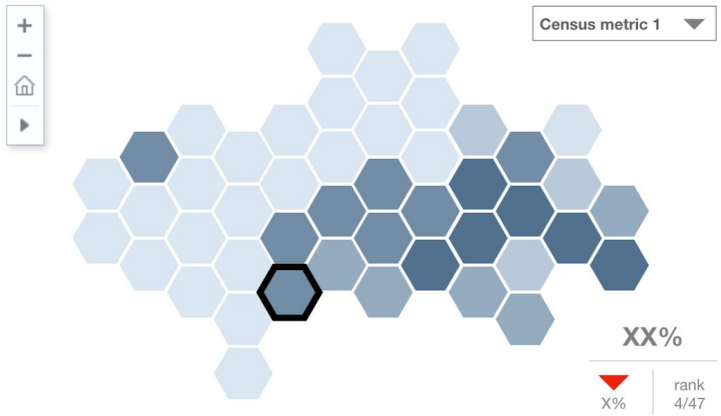
Service name



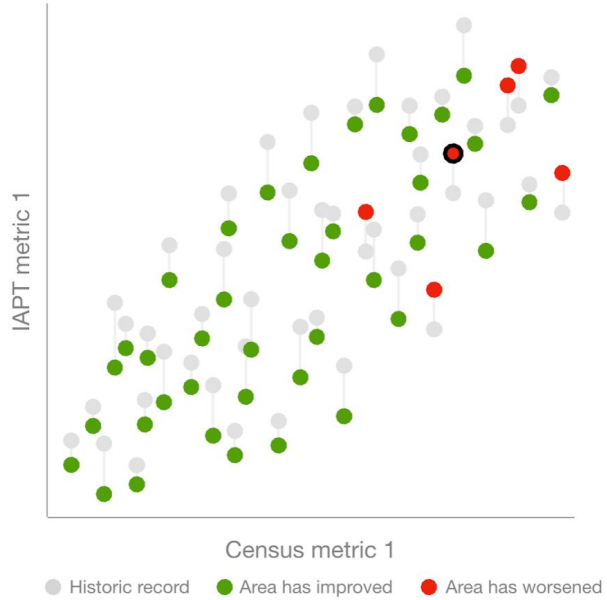


Start date
01-Jan-2020

End date
31-May-2020

Compare against historic patterns
1m | 3m | 6m | 1y | 5y | all

Filters



Last run date: 01-Jan-2019 9:55pm

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How to get involved

- Register your interest by sending us a message at projects@mayden.co.uk
- Pop a message in the chat and we'll add you to our contact list
- Come and talk to us

Thank you for listening

Any questions?

Breakout session 3

What are your initial thoughts on

1. The ‘lost’ patients workbook?
2. The care pathway analysis workbook?
3. The spatial analysis workbook?
4. And our new data offering overall?