

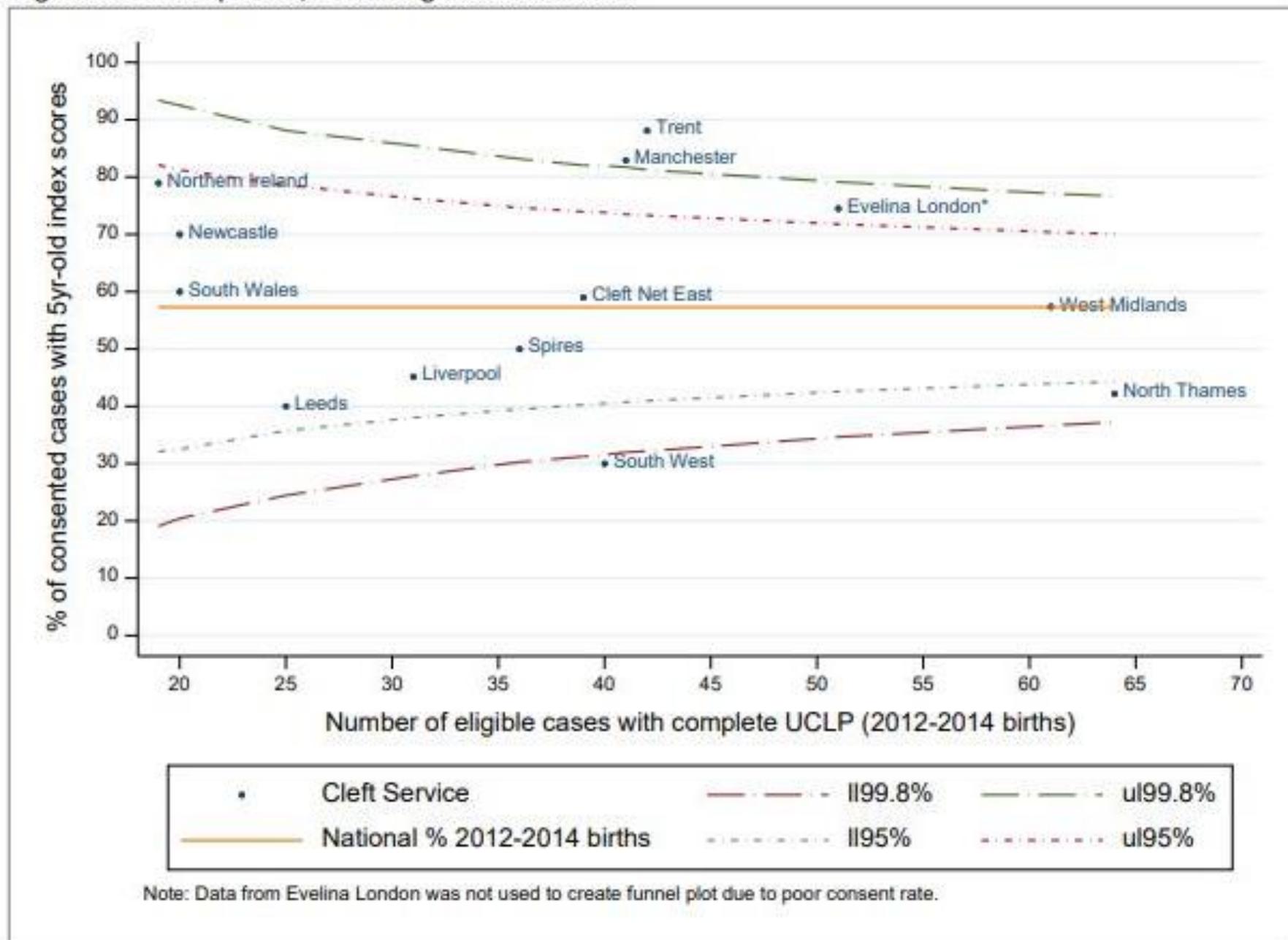
CRANE: Making it better

**Trent 5 yr facial growth data completeness
2012-2014**

Melanie Stern

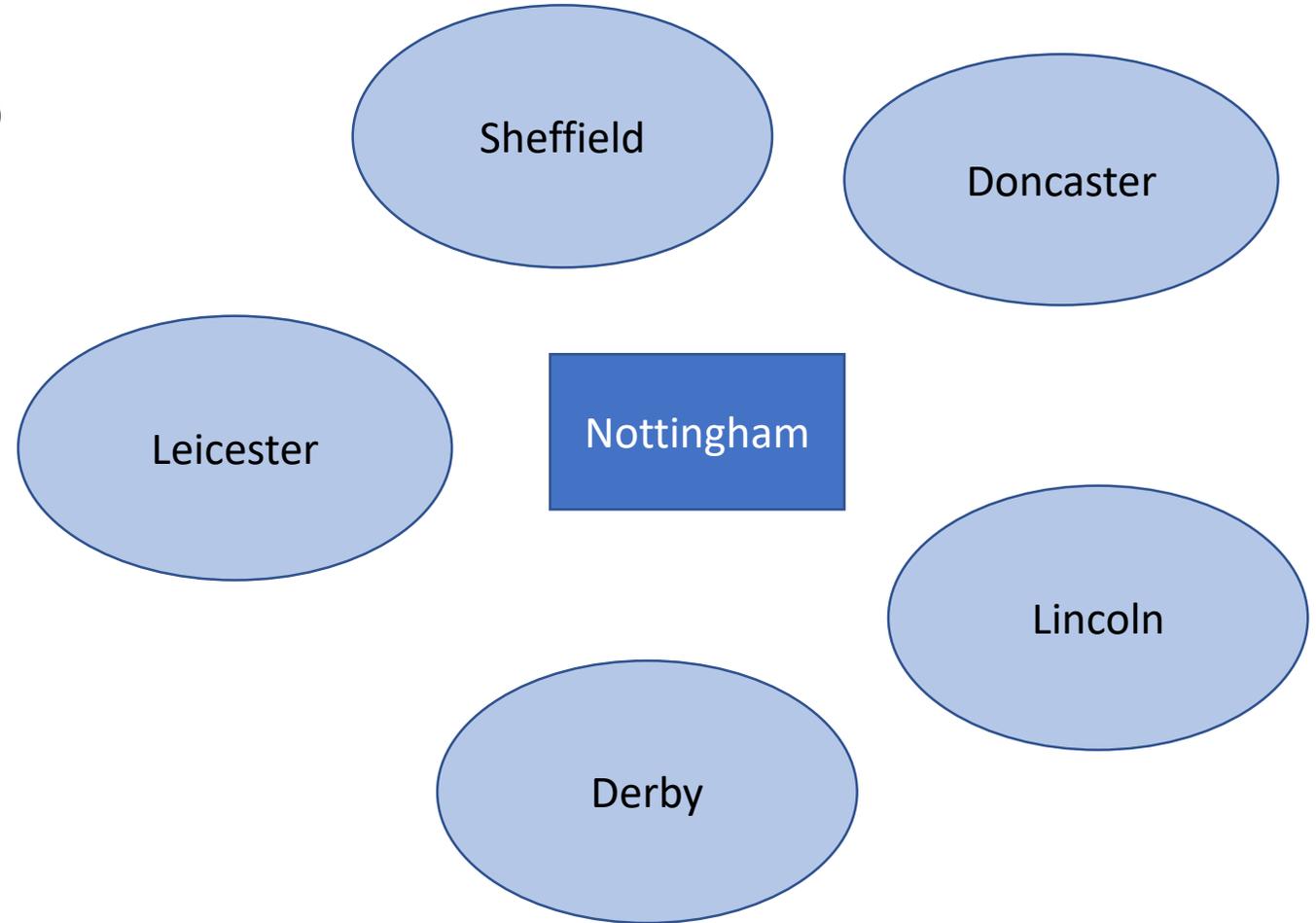
Lead Orthodontist Trent Cleft Network

Figure 4.8. Funnel plot showing the percentage of CRANE-consented 5-year-olds, born 2012 to 2014, who had facial growth data reported, according to cleft service.

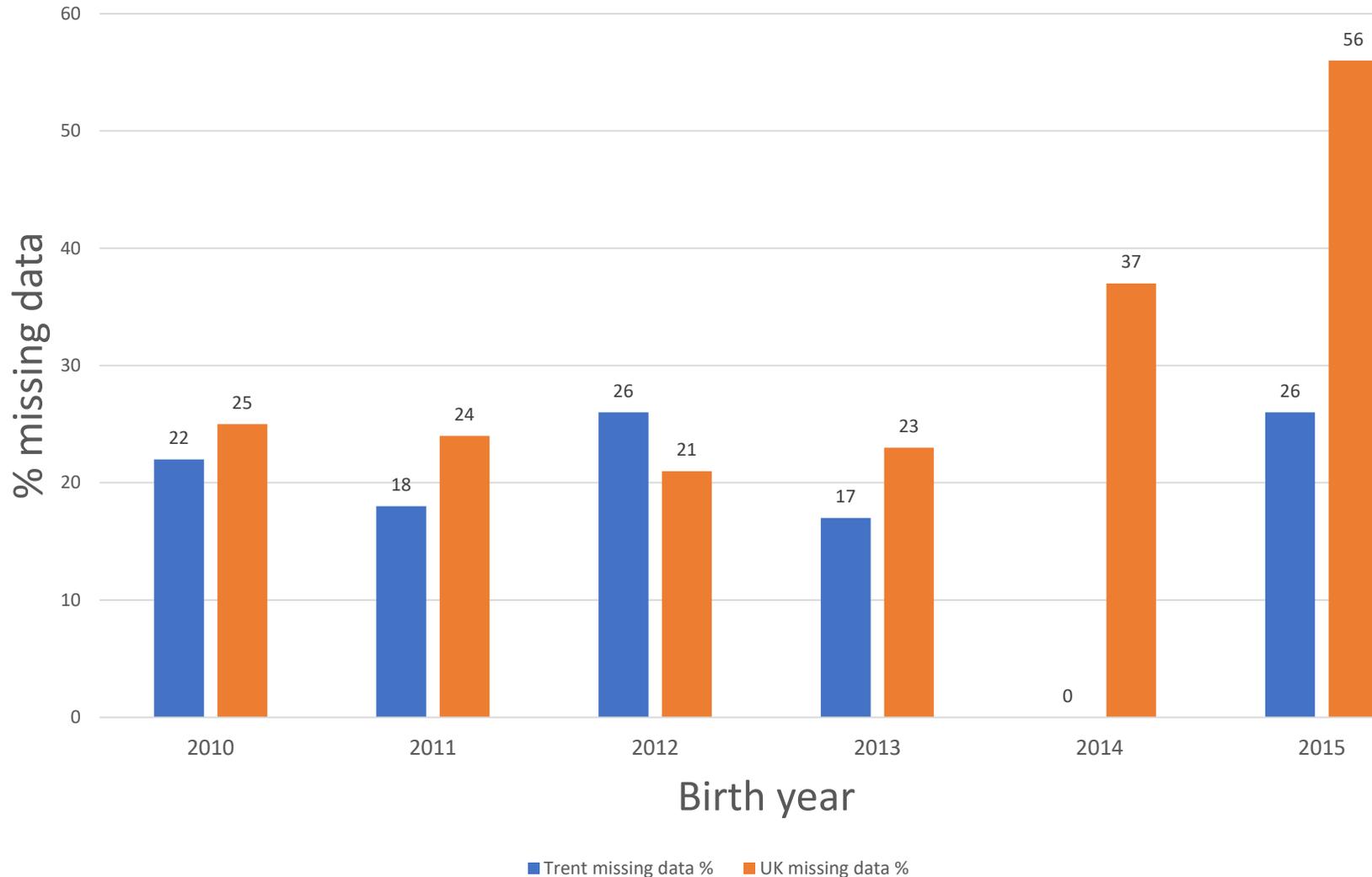


Trent Cleft Network

- Hub and spoke model
- Hub issues a list of patients to be called in for 5 year audit.
- Surgeons and some SLT travel to spoke clinics.
- Spoke Orthodontist 'hosts' each clinic and takes responsibility for audit records.
- Each clinic has it's own 'flavour' but all set within Orthodontic clinics.



TRENT v Other cleft centres missing 5 year facial growth data



Not always feasible to collect records for every UCLP/BCLP:
Due to compliance/WNB

Prior to covid, Trent accounted for every child but varied in data completeness.

Orthodontic trainees and Therapists encouraged to take records at hub/spoke clinics.

Audit data collected during 2019 for the 2014 cohort already complete when covid hit. **Unique** year with NO missing data.

Post covid: all orthodontic clinics back up and running with face to face appts by July 2020. Audit clinics across all spoke units.

Practical steps for data completeness 1

Preparation:

- Clean data: Hub data base correlated with primary op notes for correct LAHSHAL coding.
- Crane consent reviewed.

On the audit clinic day:

- All members of the Ortho team familiar with cleft audit, and seeing cleft patients so every member able to take records.
- Sequence of audit records: ortho last!
- Rewards for our patients
- Follow up any WNB/cancellation +/- safeguarding and reschedule audit appt asap

Practical steps for data completeness 2

Afterwards:

- **Protect** precious data:

IO photos emailed direct to Lead Orthodontist with OJ measurements. Duplicate study models from original impression.

- Don't use hospital mail! We use our Trainees for direct person to person transfer of plaster models.
- Always keep the originals and send duplicates. Three sets: Hub, spoke and set for external validation.
- Value of data and growth outcomes fed back to whole MD team at yearly updates and regional meetings.



Summary

- Processes no different to any other cleft team.
- Clean data and Crane consent.
- Utilise all members of the Orthodontic Team to take audit records.
- Recognise the value of records.
- **Always** duplicate models.
- Person to person transfer of records.
- Fluke year of 100% complete data capture.
- Trent region able to get clinics back to normal by summer 2020.

THANK YOU