

Web mining autumn 2006

Temporal web structure mining

Bjørn Roalkvam
Sølve Oppheim

Problem description

- Change of web pages through time
 - Size
 - Links
 - Technology
 - Navigation

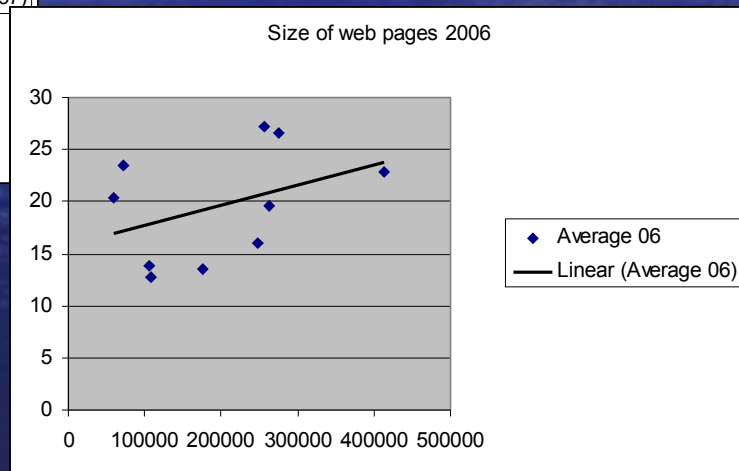
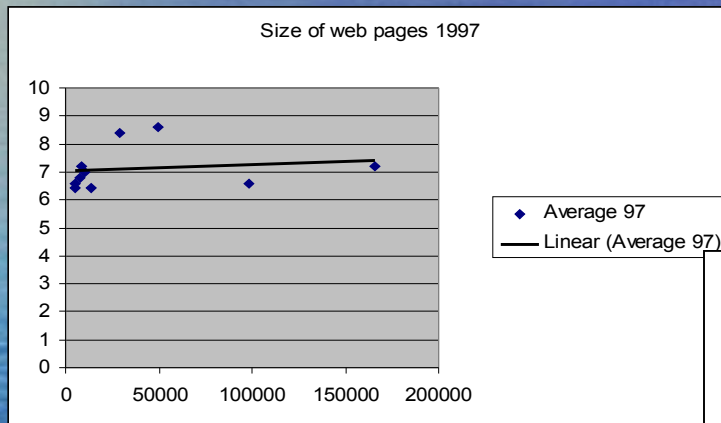
Solution

- Two ways to solve the problem
 - Quantitative
 - Web tools
 - Qualitative
 - User survey

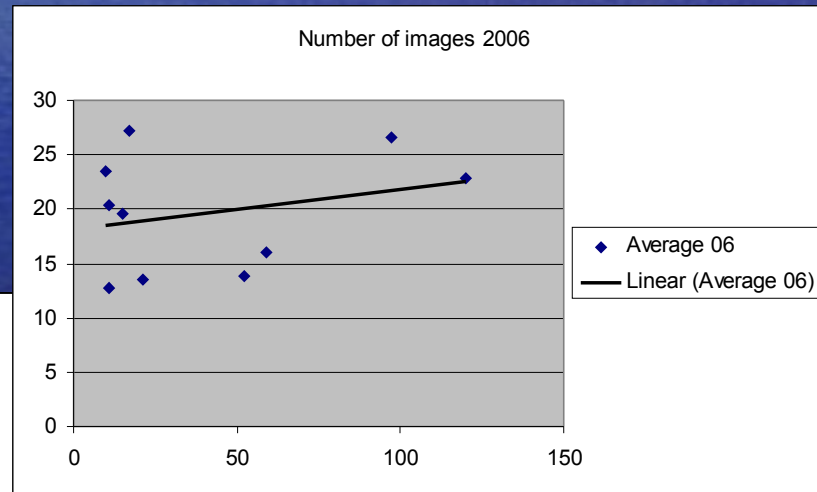
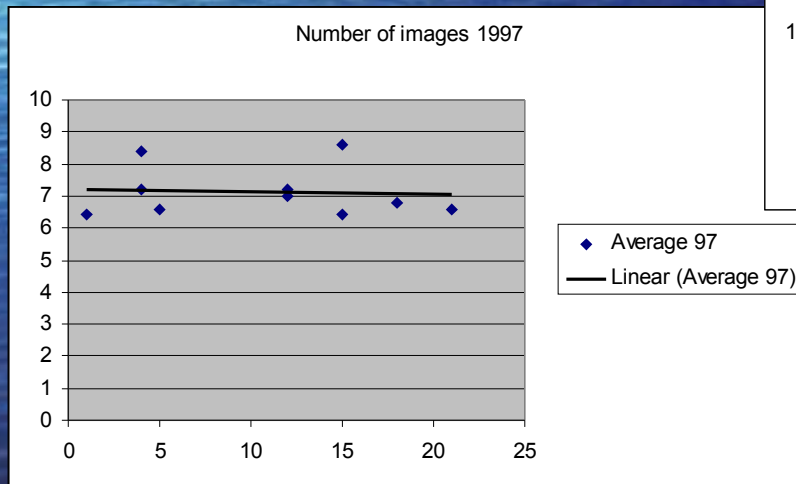
Result

- Result supporting our hypothesis
- Internet content on the web pages is increasing

Size of web pages



Number of images within web pages



Discussion

- The results support our research questions but it is necessary with..
 - More data to analyse
 - Better analyses tools for more exact data
 - More users for surveys
 - Data input from more dates (years)
 - More time

Conclusion

- WebPages are increasing in web content because of new technology
- New study of how people prefer navigating/like sites
- Cheap simple solutions (flash technology)
- We have answered our hypothesis



Questions?