

Pyramid Analysis for DUC2007

- Coordination: Hoa Trang Dang, Lucy Vanderwende
- Pyramid Creation
 - CELCT, IIIT-H, LCC, MSR-Asia*, MSR-Redmond, NUS, OGI, UOttawa
- Pyramid Annotation
 - Tadahi Nomoto, Columbia, EML-Research, IDA, IIIT-H, CELCT, LCC, MSR-Asia*, MSR-India*, MSR-Redmond, NUS, OGI, Peking University, UMontreal, UOttawa, UWaterloo*

*sites that participated in creation/annotation but did submit a system in the main task

Pyramid Analysis for DUC2007

- Coordination of both: Hoa Trang Dang, Lucy Vanderwende
- Pyramid Creation
 - Cameron Fordyce, Prasad Pingali, Rahul K, Andy Hickl, Finley Lacatusu, Like Liu, Yuanjie Liu, and Li Shi, CY Lin, Ben Gelbart (BHG), Lin Ziheng, Qui Long, Seeger Fisher, Margaret Mitchell, Stan Szpakowicz, Anna Kazantseva, Alistair Kennedy, Darren Kipp
- Pyramid Annotation
 - Tadahi Nomoto, Barry Schiffman, Sergey Sigelman, Michael Strube, Katja Filippova, Vivi Nastase, John Conroy, Prasad Pingali, Rahul K, Cameron Fordyce, Andy Hickl, Finley Lacatusu, Like Liu, Yuanjie Liu, and Li Shi, CY Lin, Jagadeesh Jagarlamudi, A. Kumaran, Ben Gelbart (BHG), Lin Ziheng, Qui Long, Seeger Fisher, Margaret Mitchell, Sujian (plus others), Guy Lapalme, Fabrizio Gotti, Alistair Kennedy, Darren Kipp, Anna Kazantseva, Terry Copeck, Maheedhar Kolla

2007 Pyramid Creation

- 8 groups created and checked 23 pyramids (each 2-3 pyramids, approx 4-6 hours per pyramid)
 - For each cluster:
 - first site created the pyramid
 - second site commented on the pyramid
 - first site made revisions and sent pyramid to Hoa
- Different from previous years:
 - Only one pyramid was created per cluster and commented on vs. two separate pyramids needing to be reconciled
 - No final vetting vs. final vetting provided by Columbia

2007 Pyramid Annotation

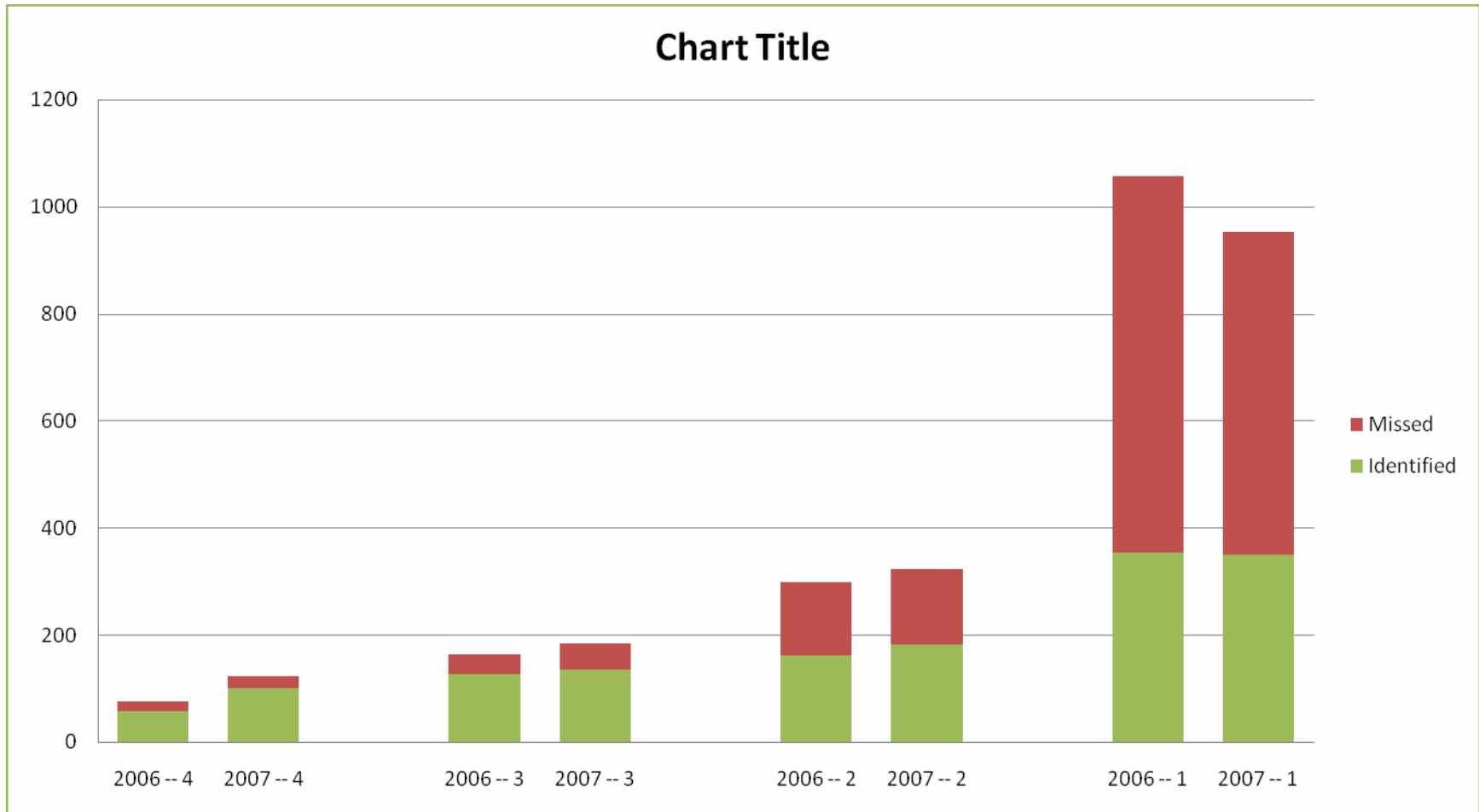
- 15 groups annotated peer summaries (each 1-2 sets, approx 7 hours per set)
 - For each cluster:
 - first site annotated 13 peer summaries (2 baselines and 11 system summaries)
 - second site commented on the annotations
 - first site made revisions and sent annotations to Hoa
- Different from previous years:
 - Only one annotation for peer summaries and commented on vs. two annotations needing to be reconciled*
 - No final vetting vs. final vetting provided by Columbia

*as in previous years, no changes to the original pyramid were allowed once annotation begins; several sites would like to add the ability to make comments as they annotate

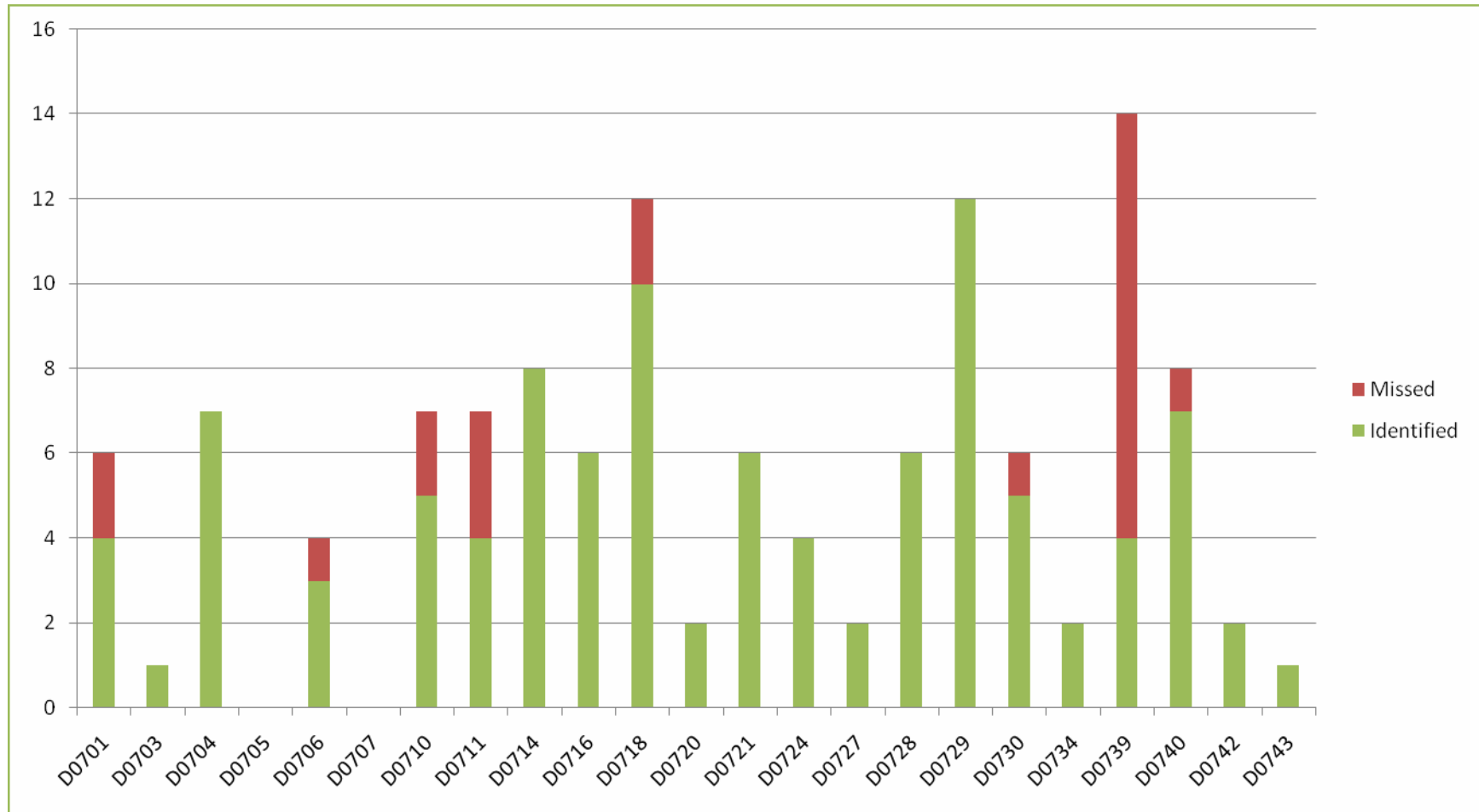
Why continue?

- This is a community-based effort, and the effort the community put in demonstrates that there is considerable interest in the pyramid method of analysis.
 - we now have pyramids for approx. 75 clusters (more if you also count the clusters in MSE)
- The results of the pyramid analysis and some further analysis were presented this morning in Hoa's overview talk
- Pyramids provide diagnostics to understand what's present and more importantly, what's missing in system summaries.
 - Data for the next few slides can be made available (like Lapalme's spreadsheet) if others are also interested; further suggestions are welcome (e.g. average # of SCUs identified by systems)
 - The following data and charts were created by Jagadeesh Jagarlamudi – thanks Jags!

SCU's in 2006 vs. 2007



Distribution of SCUs (score 4)



Distribution of SCUs (score 3)



Distribution of SCUs (4 & 3)

