

Resource Costs

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Overview

- Model
- Results
- Future work



Model

- I have asked our sites for costs based on current purchases and operations
- Response from 4/6
- Discard outliers, average and round the rest
- Staff costs NOT included!



CPU

- 0.7 kEUR per kHS23-year
- 1 outlier



Disk

- 15 kEUR per PB-year
- More than 2x difference



Tape

- 4 kEUR per PB-year
- Weighted average to get closer to marginal costs (the smallest library is almost an outlier)



Comments from sites

- Disk and especially tape have lower marginal costs
 - Full cost of half-full racks and switches included
 - Pure media cost of tape is about 1 kEUR per PB-year
 - Of course, higher data rates means more tape drives, etc



Future work

- Full site coverage



Questions?

