# Sample Presentation of Data Analysis

# Outline

- The following slides provide an illustration of how the analysis of the questionnaire data will be presented.

- The information will be processed in such a way that it will not be possible to identify the provider of any information.

- Data generated for illustration purposes - any possible similarity to real values is purely coincidental
    - Reference to questions is done only for illustration purposes

# Sample

| | |
|---|---:|
| **Coordination (no resources)** | ***1*** |
| Mordor | 1 |
| **Computing services(CPU, storage, etc)** | ***15*** |
| Haradwaith | 2 |
| Mordor | 4 |
| Bay of Belfalas | 2 |
| Eriador | 3 |
| Rhovanion | 2 |
| Rohan | 2 |
| **Both** | ***10*** |
| Rhun | 2 |
| Mordor | 3 |
| Gondor | 4 |
| Eriador | 1 |

## Data generated for illustration purposes

# FTEs per /1000 Cores

| FTEs/"1000 Cores | 2010 | 2011 |
|---|---|---|
| Min | 1,025 | 0,217 |
| Max | 17,241 | 17,241 |
| Average | 4,310 | 3,399 |
| Median | 2,799 | 2,083 |

All sample

| FTEs/"1000 Cores | 2010 | 2011 |
|---|---|---|
| Min | 1,025 | 0,217 |
| Max | 17,241 | 17,241 |
| Average | 5,147 | 4,375 |
| Median | 3,352 | 2,708 |

Only sites
Providing
computing
services

**Combination of Quest. 3.1 and 6.1**

**Data generated for illustration purposes**

# Capacity utilization (measured through Wall clock months/year)

€-FISCAL

| Capacity utilization | 2010 | 2011 |
|---|---|---|
| Min | 19% | 14% |
| Max | 100% | 100% |
| Average | 63% | 60% |
| Median | 67% | 67% |

Combination of Quest. 3.1 and 3.3

**Data generated for illustration purposes**

# Cost per core
# (prices for 2010 and 2011)

| Cost per core (€/core) | 2010 | 2011 |
|---|---|---|
| Min | 150 | 130 |
| Max | 560 | 510 |
| Average | 297 | 291 |
| Median | 250 | 210 |

Quest. 3.5.1 and 3.5.2

**Data generated for illustration purposes**

# Depreciation rates

| Economic lives | CPUs | Tape storage | Disk Storage |
| --- | --- | --- | --- |
| Min | 3 | 3 | 3 |
| Max | 8 | 12 | 8 |
| Average | 5 | 7 | 5 |
| Median | 5 | 5 | 5 |

Quest. 3.6

**Data generated for illustration purposes**

# Overall sample

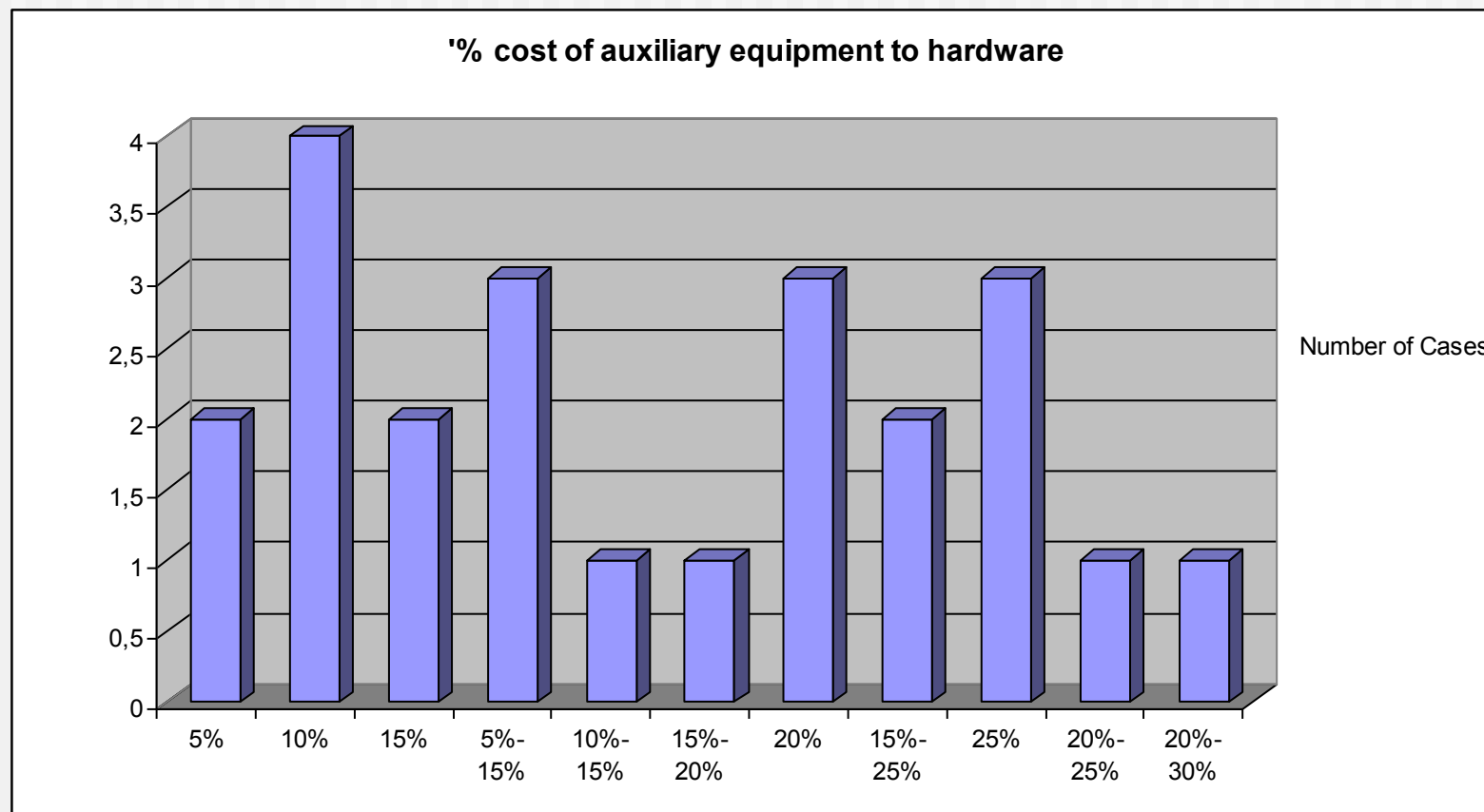| Overall cost breakdown | |
|---|---:|
| CPU depreciation | 25% |
| Storage depreciation | 14% |
| Inteconnect equipment depr. | 2% |
| Auxiliary equipment depr. | 5% |
| Software costs | 1% |
| Support contract costs | 5% |
| Personnel costs | 32% |
| Premises costs | 8% |
| Electricity cost | 7% |
| Connectivity costs | 0% |
| Overhead costs | 1% |
| Total | 100% |

**Capex =46%**

**Opex =54%**

**Combination of a large number of Quest.**

**Data generated for illustration purposes**

# % of auxiliary equipment cost to hardware



'% cost of auxiliary equipment to hardware

Quest. 4.1

**Data generated for illustration purposes**

# Cost per logical CPU/hour

**Core = Logical CPU**

| Cost per Logical CPU/hour | % utilization | | |
|---|---|---|---|
| €/logical CPU hour | 60% | 80% | 90% |
| Min | 0,065 | 0,052 | 0,045 |
| Max | 0,152 | 0,135 | 0,100 |

**Aggregation and analysis of several questions**

**Data generated for illustration purposes**