





#### Campus

- N = off-campus grad students (200,000)
- -A = 0.2 (realistic) to 0.8 (every bike shop)
- -P = 0.4 x top-box + 0.2 x second-box
- $-Q = 200,000 \times 0.2 \times [0.4 \times 0.3 + 0.2 \times 02] = 6400 \text{ units/yr}$
- Price point \$795

#### Factories

- N = current bicycle and scooter sales to factories (150,000)
- A = 0.25 (single distributor's share)
- P = 0.4 x top-box + 0.2 x second-box
- $-Q = 150,000 \times 0.25 \times [0.4 \times 0.3 + 0.2 \times 0.2] = 6000 \text{ units/yr}$
- Price point \$1500

#### **Sources of Forecast Error**



### "Unsound" Surveys

- People may not tell true opinion
- Statistically significant but practically insignificant

#### Network Effect

- Word-of-Mouth Effects
- Competition
- · Quality of Concept Description
- Pricing
- Level/Type of Promotion
  - "feel good" effect more than "actual" effect (but only for low cost item)
    - Nobody is going to spend 5.000€ for something that is nice but don't work
    - But between 13€ and 15€ you got a chance...



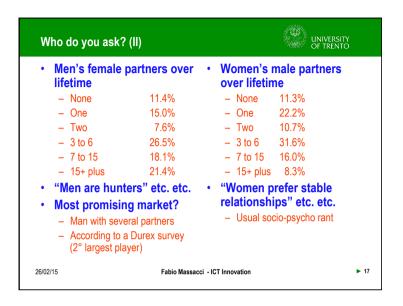
# Who do you ask?

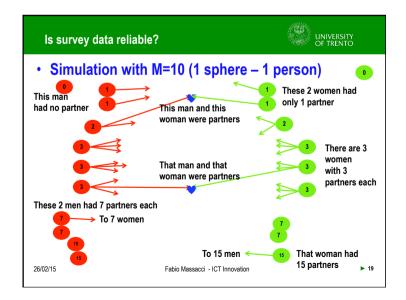


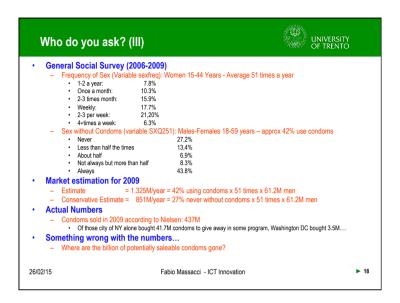
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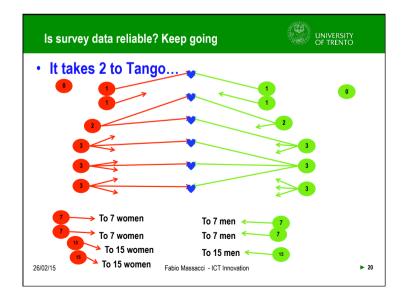
- · Selling male condoms (growing market even in time of crisis)
  - Survey is most frequently used method → Thousands of surveyed people!
- General Social Survey
  - Frequency of Sex (Variable sexfreq): Women 15-44 Years Average 51 times a year
    - 1-2 a year:
    - Once a month: 10.3°
       2-3 times month: 15.9°
    - 2-3 times month: 15.9
       Weekly: 17.7
  - 2-3 per week: 21,20% • 4+times a week: 6.3%
  - Sex without Condoms (variable SXQ251): Males-Fem 18-59 yrs approx 42% use condoms
  - Never 27,2
     Less than half the times 13,4
  - About half
    Not always but more than half
    8.3%
  - Market estimation
  - Estimated: 1.325M/year = 42% condoms x 51 times x 61.2M men
- Who do we target for "requirements" & "customer needs"?

26/02/15 Fabio Massacci - ICT Innovation









## Undergraduate programme in Computer sciences

