

WebcamPaperPen: A Low-Cost Graphics Tablet

Supplementary Material: Survey Details

Gustavo Pfeiffer, Ricardo Marroquim, Antonio A. F. Oliveira
Laboratório de Computação Gráfica (LCG) - COPPE - UFRJ

1 Survey Sent to Testers (Translated from Portuguese)

Did you find the system easy to set up?

- Yes, I had no great difficulties.
- It took me some time calibrating the crosses, but the rest was easy.
- It is not difficult, but also not easy, I had some trouble...
- No, I had a lot of trouble.
- No, I gave up in the middle.

Did you read the instructions?

- Yes, I read before setting the system up.
- I just skimmed before setting up.
- I did not read before setting up, just consulted when some problem occurred.
- No, I did not.

How much time did it take you, approximately, to set the system up? (If you read the instructions before, then disregard the time you spent reading)

Are you used to the graphics tablet?

- Yes, I use it frequently.
- Yes, I own one, but I do not use it very often.
- I have used it a couple of times.
- I have never used one.

What did you think about the quality of the mouse control?

- It worked pretty well.
- It worked well, but I missed the pressure sensor of a graphics tablet.
- It worked fine sometimes, but it misbehaves too often and is difficult to control.
- It is *cool*, but not very useful.
- I am not satisfied at all.

Check if you noticed and was bothered by any of the problems below.

- “Serif” effect (a mark when you touch or release the pen from the paper)
- Change in the mouse cursor position immediately before clicking
- Undesired click
- Mouse click does not work
- When I drag and drop the click is unwillingly released
- Undulated diagonal stroke
- Mouse cursor does not move anymore

Would you use our system?

- Yes, it replaces the graphics tablet perfectly for me.
- Yes, the graphics tablet is better but it is too expensive, I would rather use this one.
- Yes, but I think that after some time I would get tired and would end up buying a proper graphics tablet. OR: If my tablet breaks I would use it, yes, temporarily.
- No, it does not fit my uses.
- Not at all.

Other Comments:

2 Selected Results

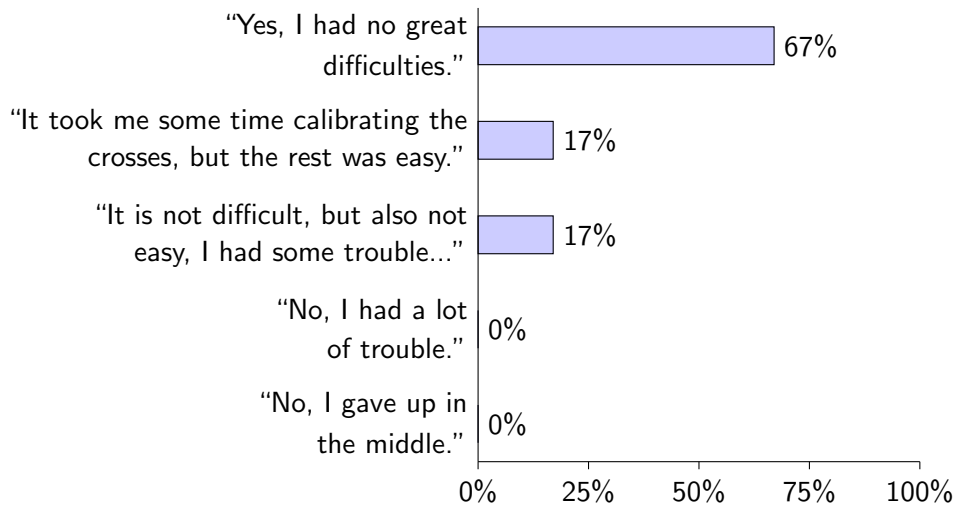


Figure 1: Ease of setup ("Did you find the system easy to set up?")

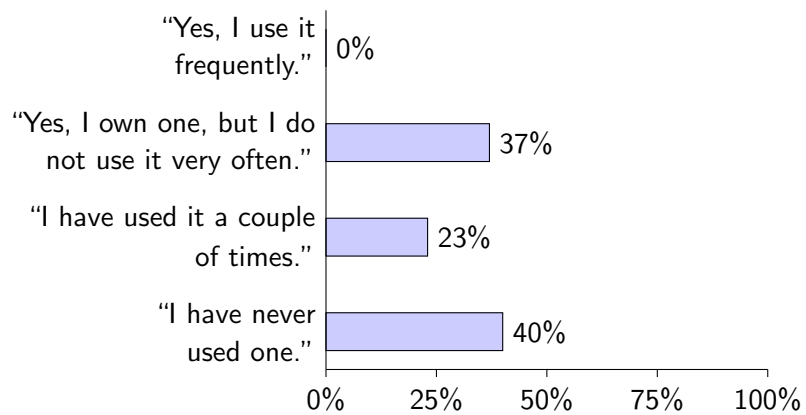


Figure 2: Experience of users with graphics tablets ("Are you used to the graphics tablet?")

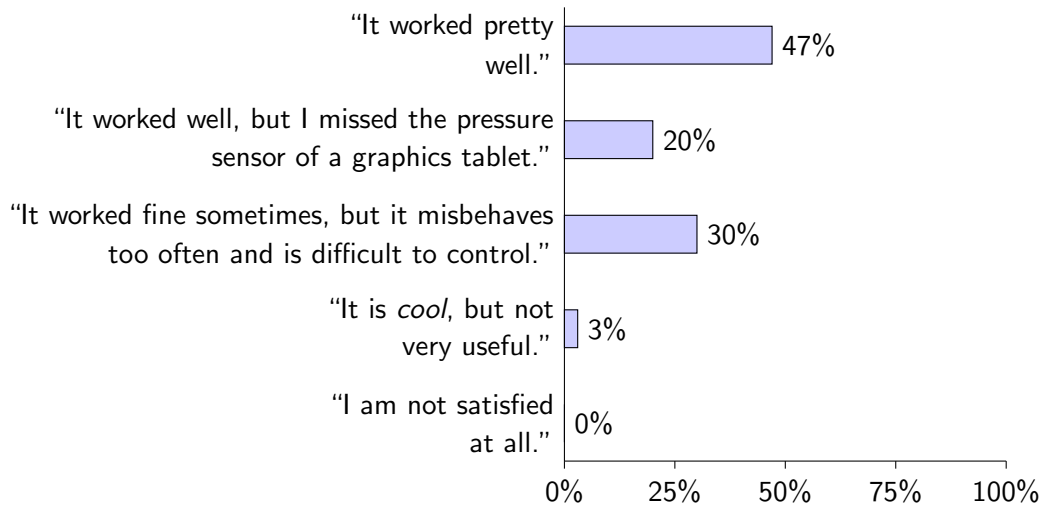


Figure 3: Quality evaluation ("What did you think about the quality of the mouse control?")

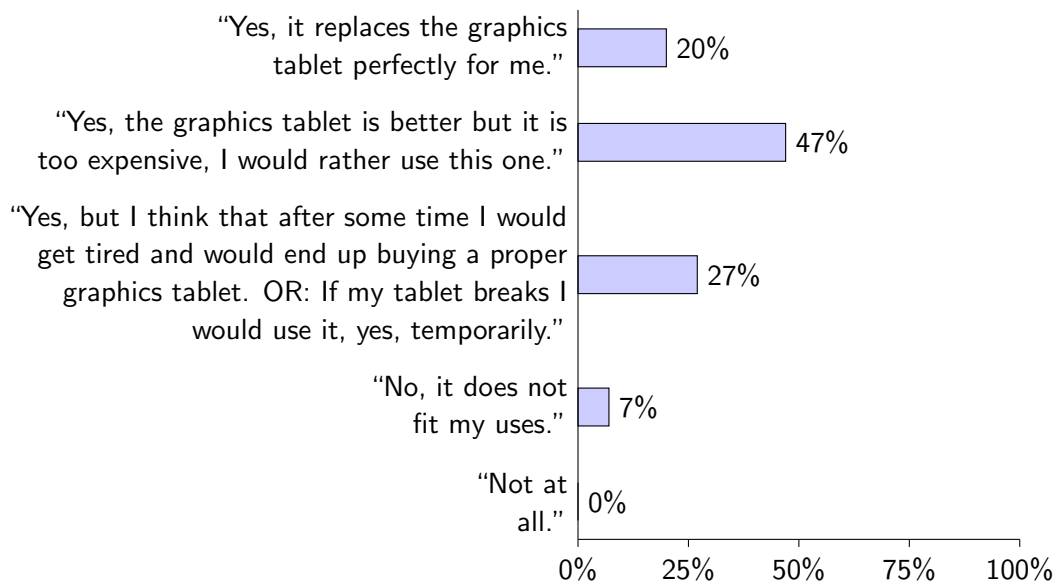


Figure 4: Overall evaluation ("Would you use our system?")