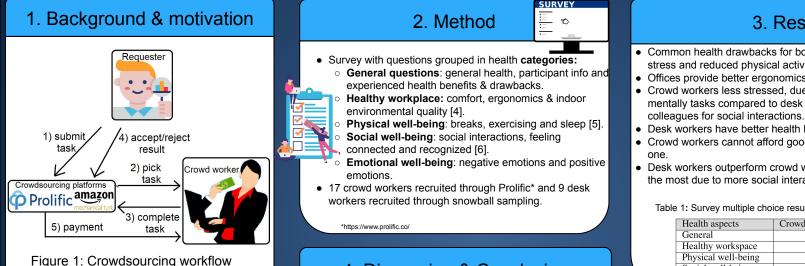
TUDelft Analyzing the health difference of crowd workers and desk workers

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- Increasing work from home, decrease in health [1].
- Can cause musculoskeletal complaints together with mental issues [2].
- Crowd workers in risk group.
- Prior work only focused on mood impact on microtask performance [3]. Not on the health status.
- Health often placed under remote or office workers, but is that the correct classification?
- This study aims to analyze the health status of crowd workers compared to desk workers.
- · Provides a subjective well-being and experienced health overview of crowd workers workers against desk workers.

4. Discussion & Conclusion

- Desk workers with an office provide important ergonomics for preventing musculoskeletal issues, while crowd workers often cannot afford one.
- Stress is very common health problem. Desk workers reduce this with colleagues and crowd workers with the flexible and less mentally demanding tasks, while desk workers have stressful deadlines and demanding projects.
- · Desk workers are healthier than crowd workers on all researched health categories, except stress levels.
- Further research can be done for more details on certain health categories.

3. Results

- Common health drawbacks for both were back pain, sore eyes, stress and reduced physical activity.
- Offices provide better ergonomics and room for physical activity.
- Crowd workers less stressed, due to flexible job and less mentally tasks compared to desk workers, but do not have
- Desk workers have better health benefits to drawbacks ratio.
- Crowd workers cannot afford good ergonomics, but do need
- Desk workers outperform crowd workers on social well-being the most due to more social interactions with colleagues.

Table 1: Survey multiple choice results converted to average scores.

| Health aspects | Crowd workers | Desk workers |
|----------------------|---------------|--------------|
| General | 3.441 | 3.778 |
| Healthy workspace | 2.863 | 3.185 |
| Physical well-being | 3.061 | 3.319 |
| Social well-being | 3.256 | 4.111 |
| Emotional well-being | 3.243 | 3.801 |

5. References

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