Skoltech
Skolkovo Institute of Science and Technology

# Thesis Changes Log

**Name of Candidate:** Aleksei Shcherbak

**PhD Program:** Computational and Data Science and Engineering

**Title of Thesis:** Diagnosis of the human neurological movement disorders based on the analysis of heterogeneous data using ml methods

**Supervisor:** Associate Professor Andrey Somov

*The thesis document includes the following changes in answer to the external review process.*

Improvements:

1. The discussion on data mislabeling was added to the conclusions.
2. Information about validation/train proportion was added where necessary.
3. Typos found were fixed and small improvements were made in the text and tables.
4. A row containing the average values was added to Table 4.2 and Table 4.3.
5. Images of data processing pipeline for video and joint sensors-video data analysis were added (Figure 6.2 and 7.2).
6. The abstract was slightly edited.
7. Table 3.3 with comparison between Wait-n-Sync and competitors was added.
8. To the “Methodology of data collection” section, the information about camera and sensor locations was added.