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Motoric

PROJECT

6TH SEPTEMBER 2021

Content

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Goal

"The assignment is to detect which variables predict a (long term) low and concerning level of motor competence in young children. If we are able to detect a certain 'risk profile' at an early stage we (BSC, PE teachers) can provide them appropriate interventions."

~ Project Description[1]

Background

- More exercise
- Mentally and socially feel better
- More positive self-image
- More Fit
- Join a sports club
- Childhood

Haagse Hogeschool
Motoriekpeiling[2]

Dataset

- More than 1700 young children
- Two different moments (T0 & T1)

Gathered information on

- Motor competence
  - Actual
  - Perceived
- Enjoyment
- BMI
- Age
- Gender
- Several factors related to the parenting style

Existing Studies & Projects
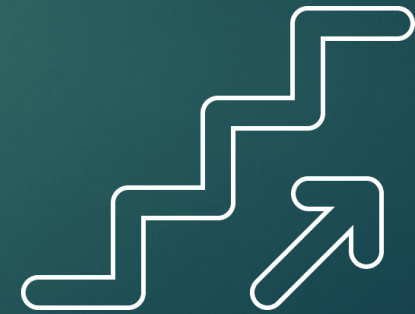
- Motoric skills have a big influence in physical fitness

- Different ways to measure motoric skills
  - Movements (e.g. Test of Gross Motor Development-2)[3,6]
  - Sensor-augmented toys[4]
  - Smart play devices[5]

Outlook

- ▶ Meeting with the project owner

- ▶ Next steps

Questions?

THANK
YOU FOR YOUR ATTENTION :)

References

- [1]https://blackboard.hhs.nl/webapps/blackboard/content/listContent.jsp?course_id=_90364_1&content_id=_3428220_1&mode=reset

- [2]https://www.dehaagsehogeschool.nl/docs/default-source/documenten-onderzoek/lectoraten/gezonde-leefstijl-in-een-stimulerende-omgeving/motoriek_peiling_2019.pdf

- [3]https://www.researchgate.net/publication/283530031_Test_of_gross_motor_development-2

- [4]https://www.jmir.org/2021/4/e24237

- [5]https://digitallifecentre.nl/redactie/resources/finalpaperfinal.pdf

- [6]https://journals.sagepub.com/doi/pdf/10.1177/0031512517752833