

21. Lung Volume Opposition

New Zealand 2017

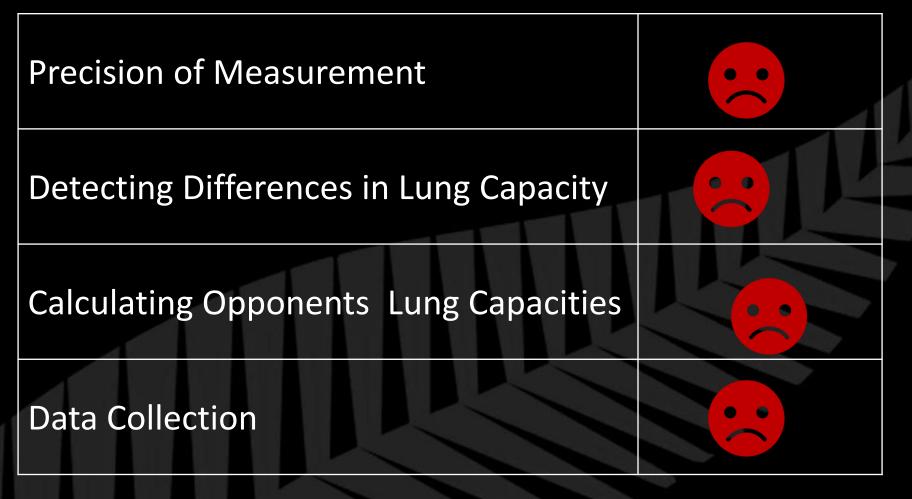
The Problem

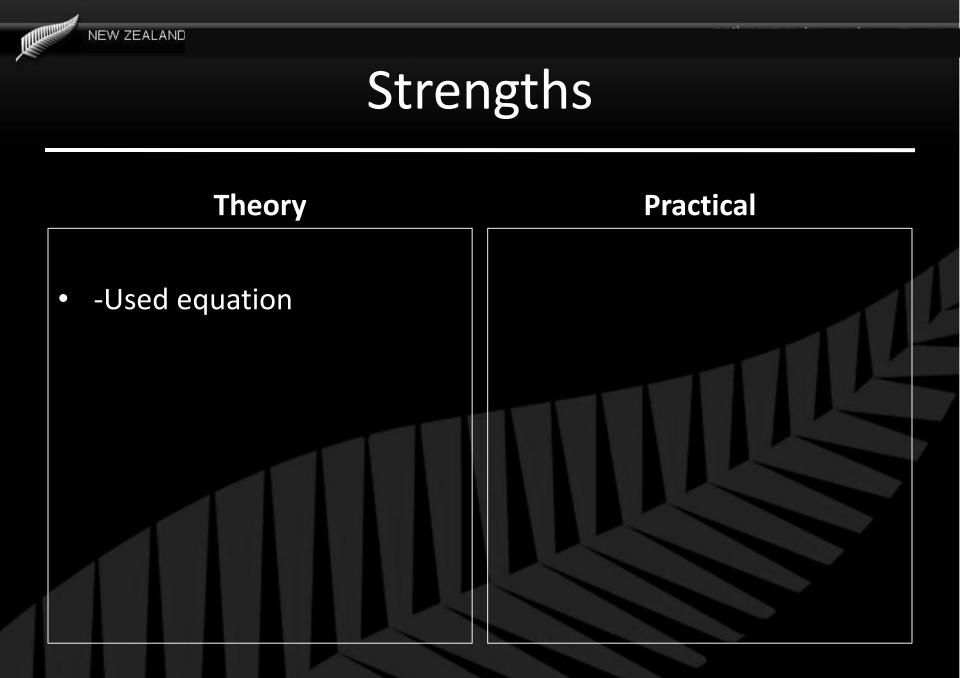
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Determine the lung volume of a human with the best possible precision. Is it possible to detect differences in lung capacities for each member of you team? Is it possible to apply your method to determine the lung volume of your opponent during the fight?



Addressing the problem





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Weaknesses

Theory

- -Inaccurate application of equations
- -Theory not applied to experiment
- -Lack of explanation
- -No data
- -No full volume

Practical

-Inaccurate data collection methods

-Variables not controlled

-Did not measure lung capacities of each team member

Points for discussion

- Determining the lung volume of opponent
- How lung capacities can vary and what causes variation?
- How theoretical model works?
- Did you get results

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