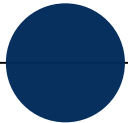


# Analyzing stunting among children in India

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## INTRODUCTION

Child malnutrition is a chronic problem and a longstanding challenge for the public administration of India. The National Family Health Survey (NFHS) has found that India was one of the worst performing countries on child health indicators and, especially in case of stunting, the survey reported that

**IN INDIA MORE THAN 35.5% OF THE CHILDREN UNDER FIVE ARE STUNTED**



## PROBLEM STATEMENT



Are children of mothers with mobile phone less prone to stunting ?



Are children of illiterate mothers more prone to stunting?



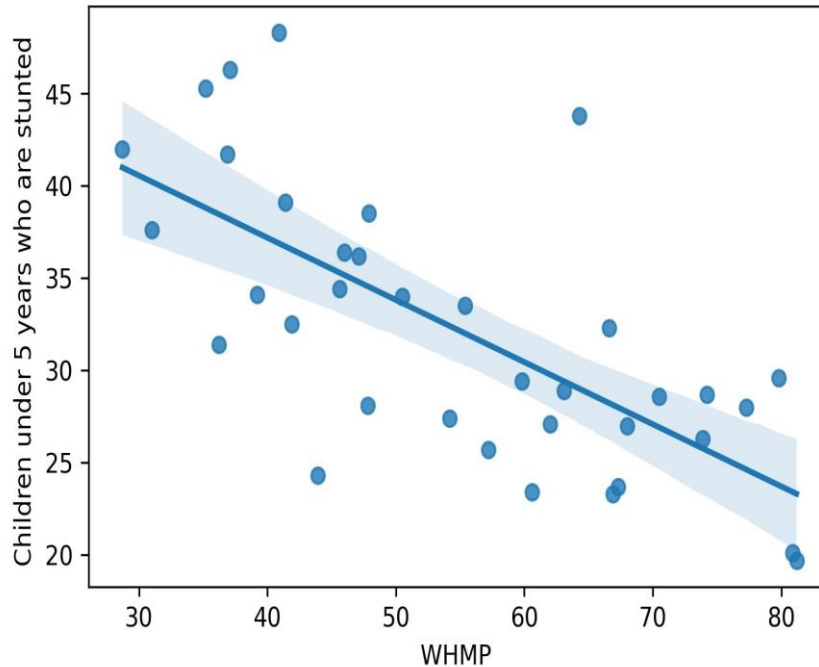
Is there any correlation between women having more say in household decision and stunting among children ?



## HYPOTHESIS

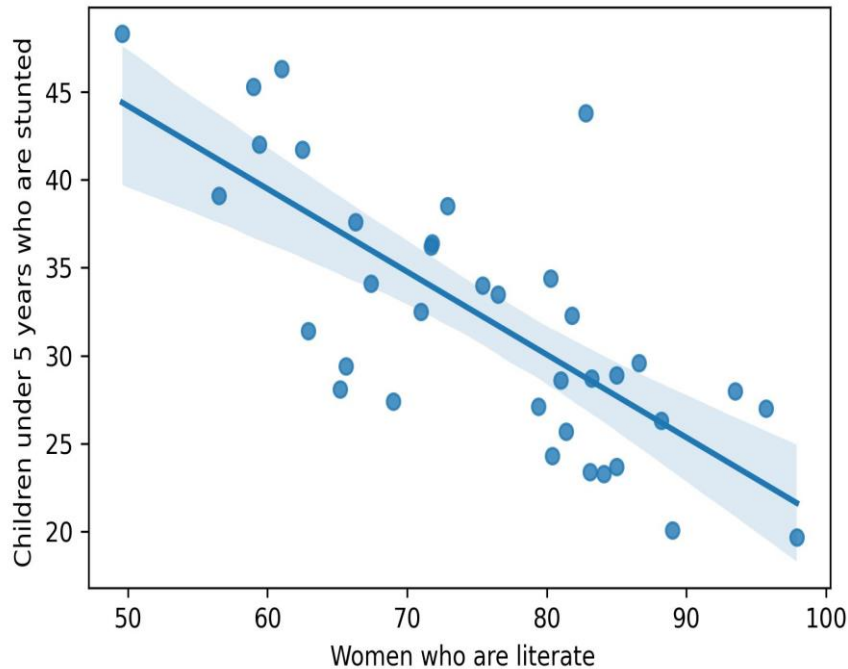
- There is a significant relation between socio-economic condition of the women and the health of children

## Analysis 1



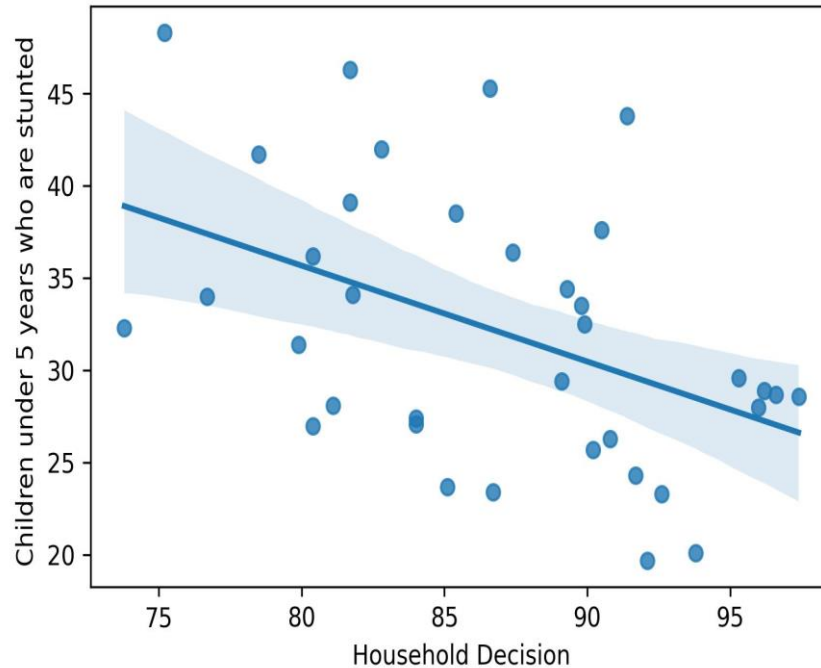
- Moderate inverse correlation between mothers' owning a mobile phone and stunting of the children.
- $\text{Corr} = -0.69$

## Analysis 2



- Strong inverse correlation between literate mother and children with stunting
- $\text{Corr} = -0.74$

## Analysis 3



- Low inverse correlation between women having a say in the household decisions and children with stunting
- $\text{Corr} = -0.44$





## REPORT

- ◉ Owning a **mobile phone enables the information to be more accessible**. This allows mothers' to understand health concerns of their children and even find a feasible solution for it.
- ◉ In the same sense, **literate mothers' are** much more capable of ensuring necessary nutritional requirement of their children as they are **not only aware but are more likely to be financially independent**.
- ◉ Indian women were traditionally not allowed to participate in household decisions. Even though situation has been changing in some states, **there seem to be no correlation between improved female participation in household decision and stunting cases among children**.



## WAY FORWARD

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- ◉ Focus should be on manufacturing entry level mobile phones and also since majority of Indians still use feature phone, companies should bring more innovation in this segment.
- ◉ Effort must be made to create awareness about healthcare even among illiterate. This could be done by communicating in their local languages, using pictures and videos and so on.