

Fig: S1 Study Area Map

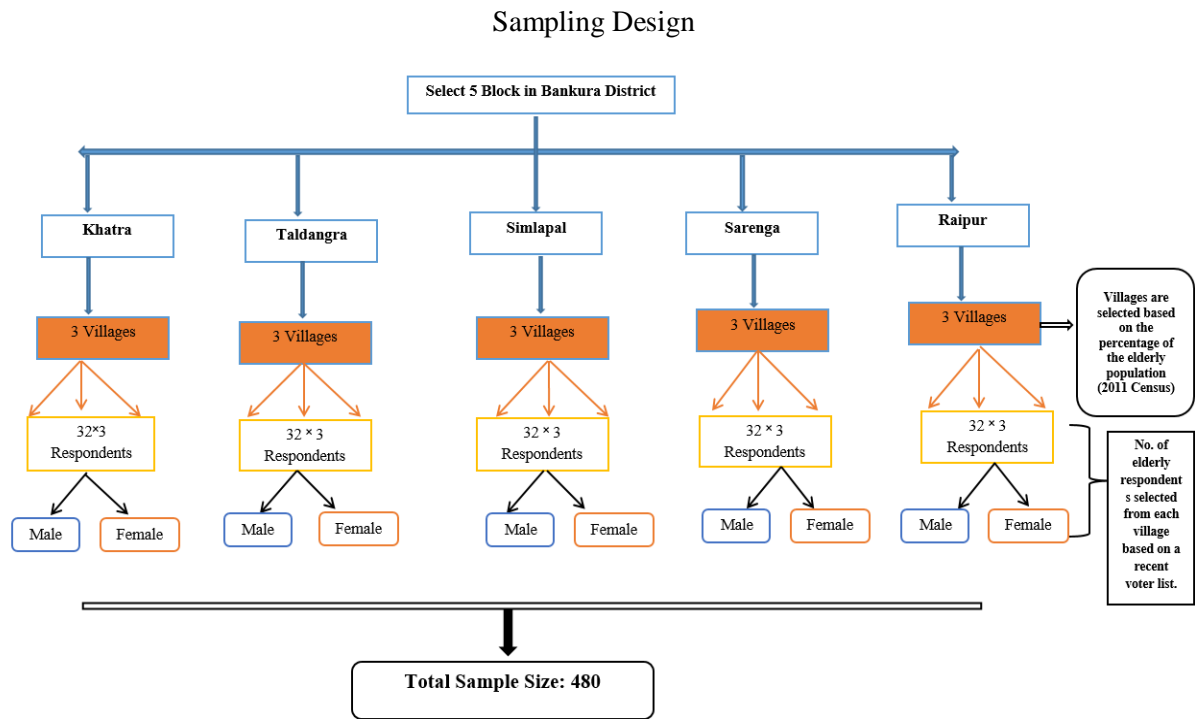


Fig.S2 Sampling Frame

Sample size determination

The required sample size was calculated using the formula:

$$\text{Sample Size: } n = \frac{z^2 pq}{d^2} * Deff$$

Where, n = Sample size required

p = prevalence of the chronic disease among the elderly 50% (0.50)

Therefore, q=1-p is 0.50

z = z value (1.96 at 95% level of confidence)

d = nonresponse rate of 5% (0.05)

Design effect = 1.25

$$n = \frac{1.96^2 * (0.50) (0.50)}{(0.05)^2} * 1.25$$

Hence n= 480.2 and it was around 480