How sampling survey go wrong

Errors in samplin/

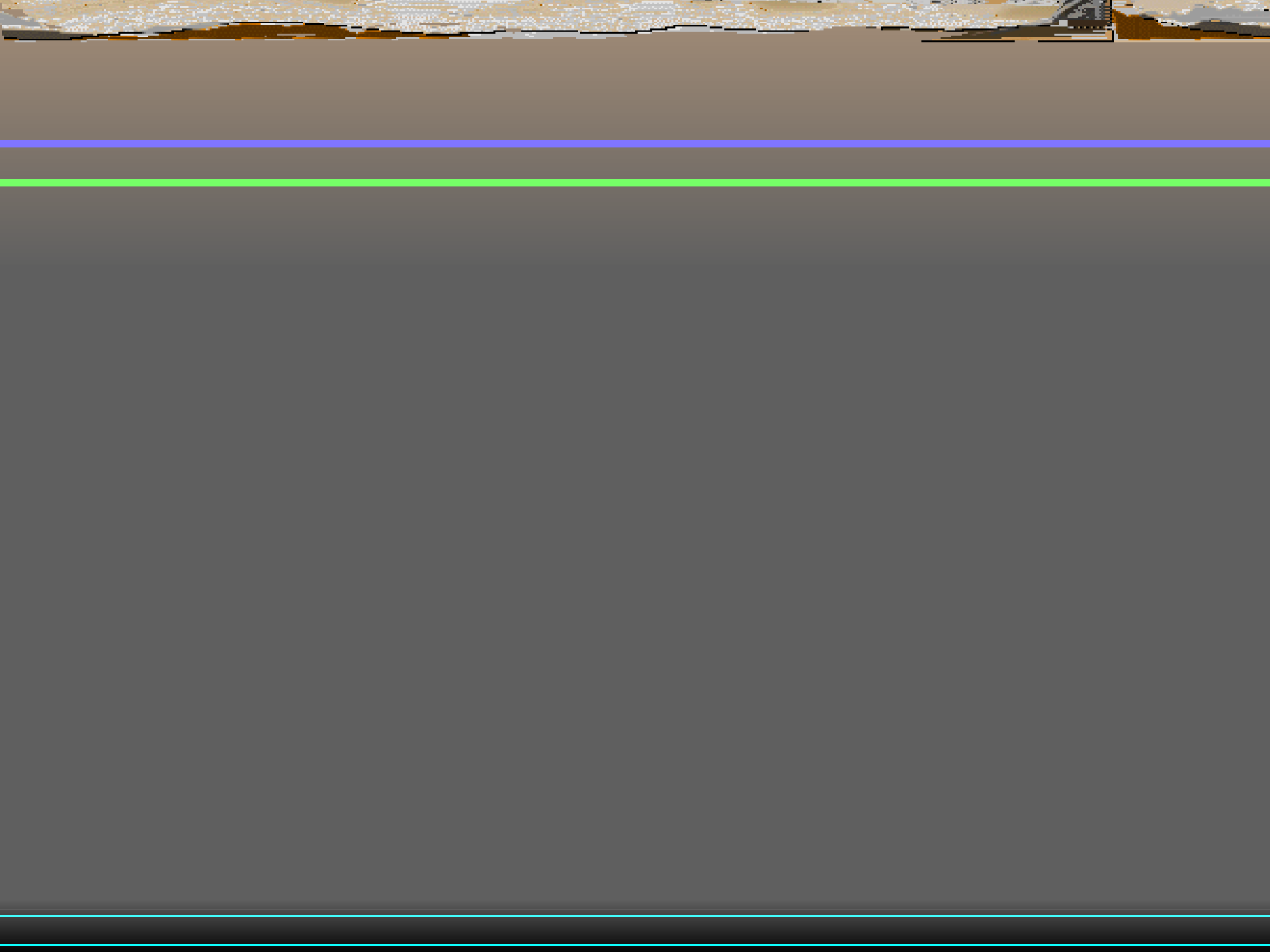
- Samplin/ Errors
- Random samplin/ error
- (onsamplin/ error

Example:

- +ttendan!e rate
- 3er!enta/e o 4spliter4

Sampling !rrors

- Random %3ro,a,ility& samplin/ errors
- Nonrandom sampling error
- Sampling Frame and Undercoverage
- Population: Inference, Sampling



Some fi%es for nonsampling errors

- Su , stitute with other similar sample
- Wei / ht and extrapolation rom the responded
- Call Ba ! 5s
- 3rovide the , a ! 5 / round in o

#lternatives to SRS

Sm

!(periment: $i""i&ult . ut usually . etter

- Con oundin/ : 8ur5in/ varia , les
- Con ounded varia , les
- + !auses B vs' + is !orrelated with B'

Example:

- =nline vs' Classroom
- 3la!e , o e e!t

!(periments

- +n experiment deli,erately imposes some treatment %2& on individuals in order to o,serve their responses' 2he purpose o an experiment is to study whether the treatment !auses a !han/e in the response %B&'
- >an6made universe ,y !are ully samplin/6experimental desi/n %to eliminate possi,le related a!tors&