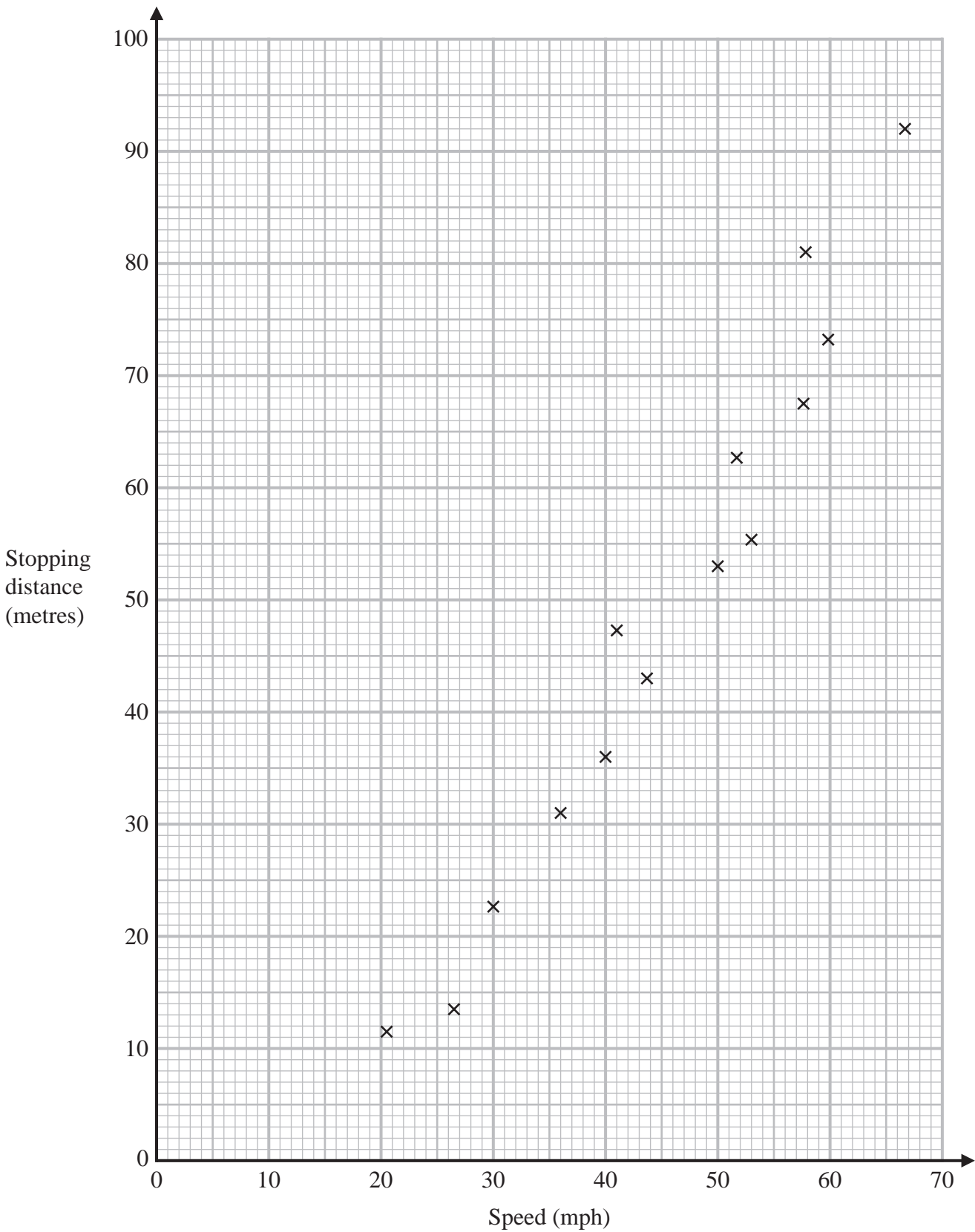


21 The scatter graph shows the stopping distances for some cars travelling at different speeds.



(a) What type of correlation does the scatter graph show?

.....
(1)

Another car is travelling at a speed of 55 mph.

(b) Estimate the stopping distance for this car.

..... metres
(2)

Sanar says,

“It would not be sensible to use the scatter graph to estimate the stopping distance of a car travelling at a speed of 10 mph, because the estimate would not be reliable.”

(c) Is Sanar correct?

You must give a reason for your answer.

.....
.....
.....
(1)