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Dependence of driving characteristics upon follower-leader combination

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The highlights of our research are as follows:

- (i) Longer leaders increase the maximum gap and operational delay.
- (ii) Vehicle type need not be considered for the maximum velocity in car-following models.
- (iii) Setting maximum acceleration needs consideration of types of leaders and followers.
- (iv) Setting maximum deceleration needs consideration of at least type of followers.
- (v) The outcomes are based on experiments in a test course without traffic disturbance.

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