



Supplement of

Characterization of road freight transportation and its impact on the national emission inventory in China

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Table S1. Defining SpeedDivider in ES Calculation

Speed Cut (m/s)		Power Cut (kW/ton)		Speed Divider
Min	Max	Min	Max	(s/m)
0.0	5.4	-20	400	3
5.4	8.5	-20	16	5
5.4	8.5	16	400	3
8.5	12.5	-20	16	7
8.5	12.5	16	400	5
12.5	50	-20	16	13
12.5	50	16	400	5

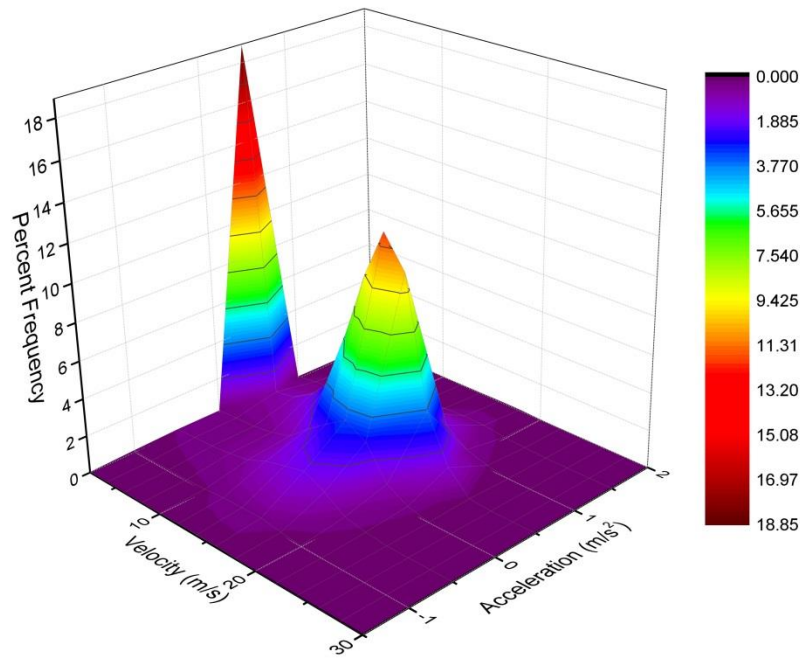


Figure S1. Speed and Acceleration Distribution on National Road

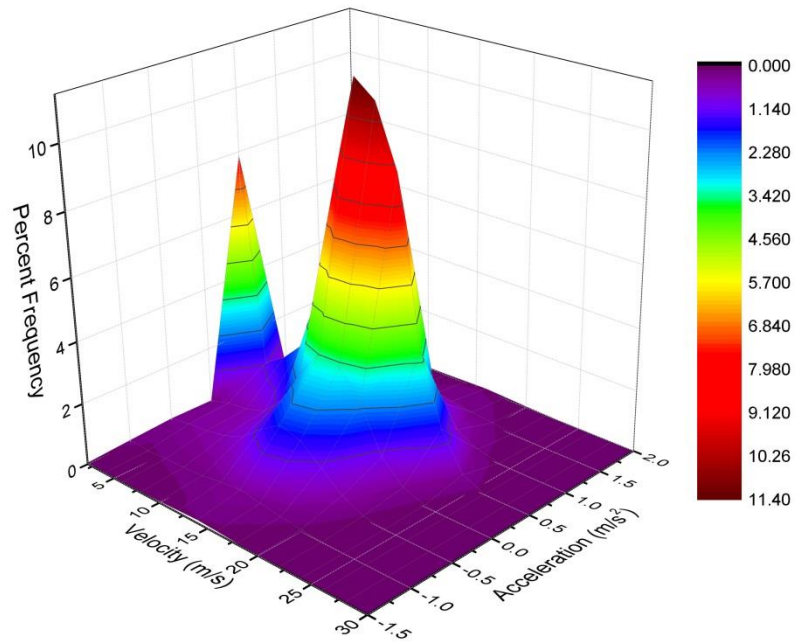


Figure S2. Speed and Acceleration Distribution on Provincial Road

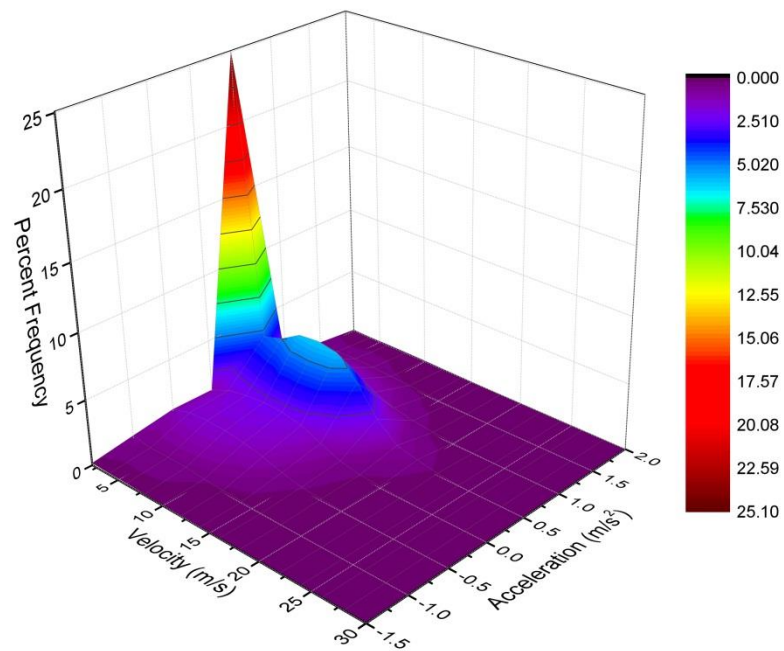


Figure S3. Speed and Acceleration Distribution on Rural / Town Road