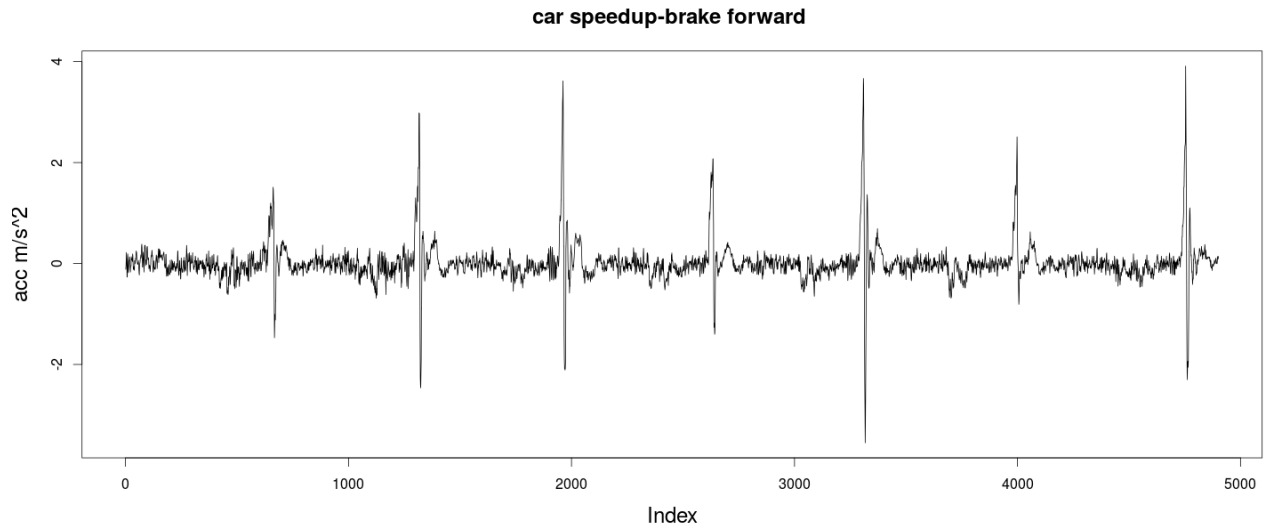
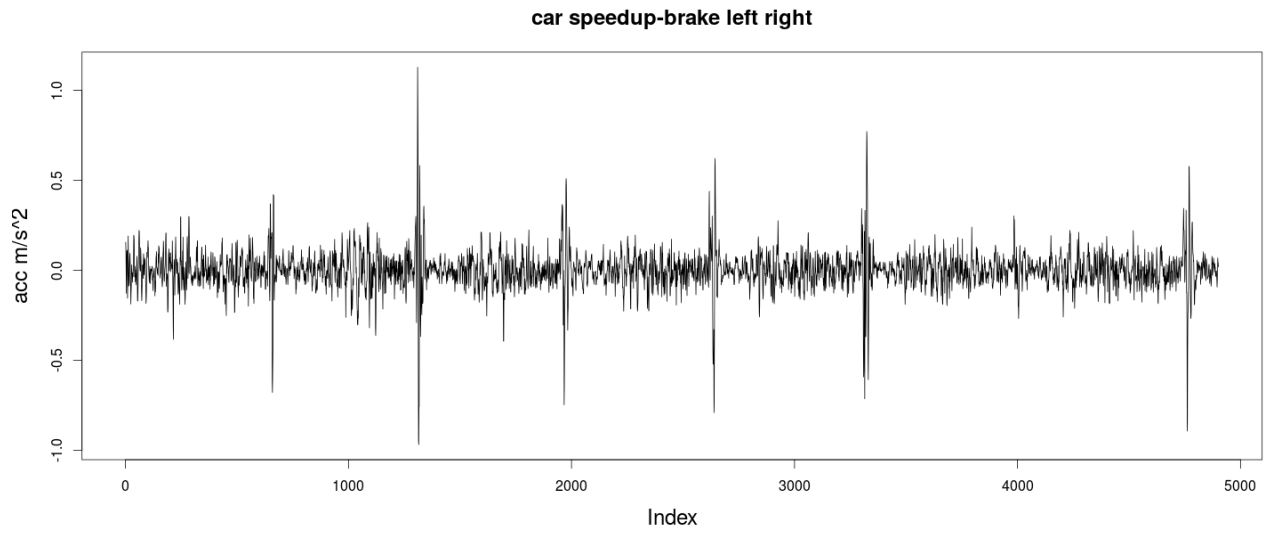
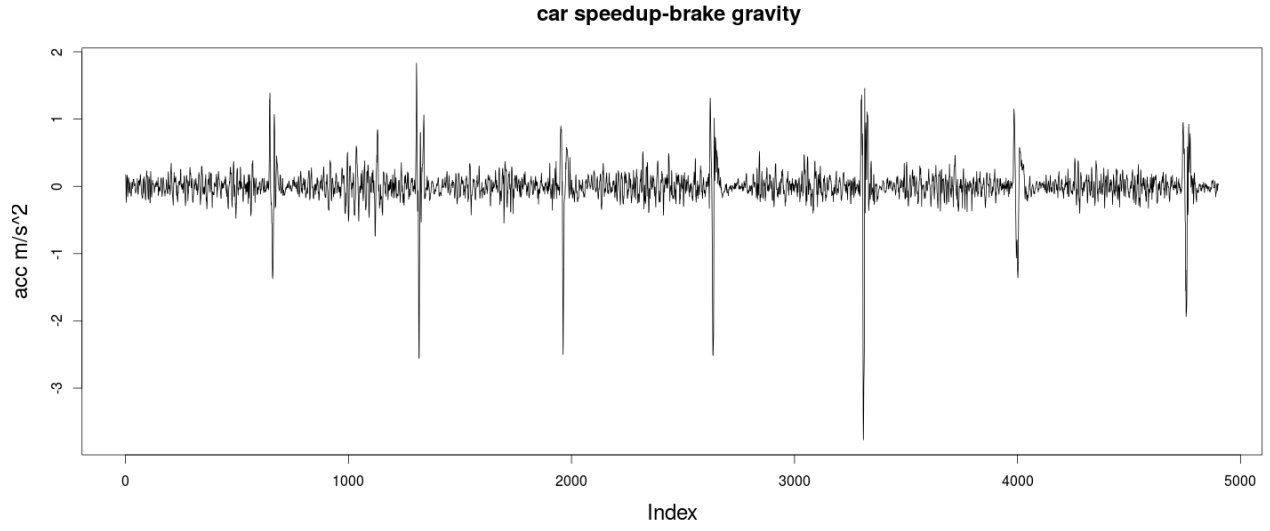
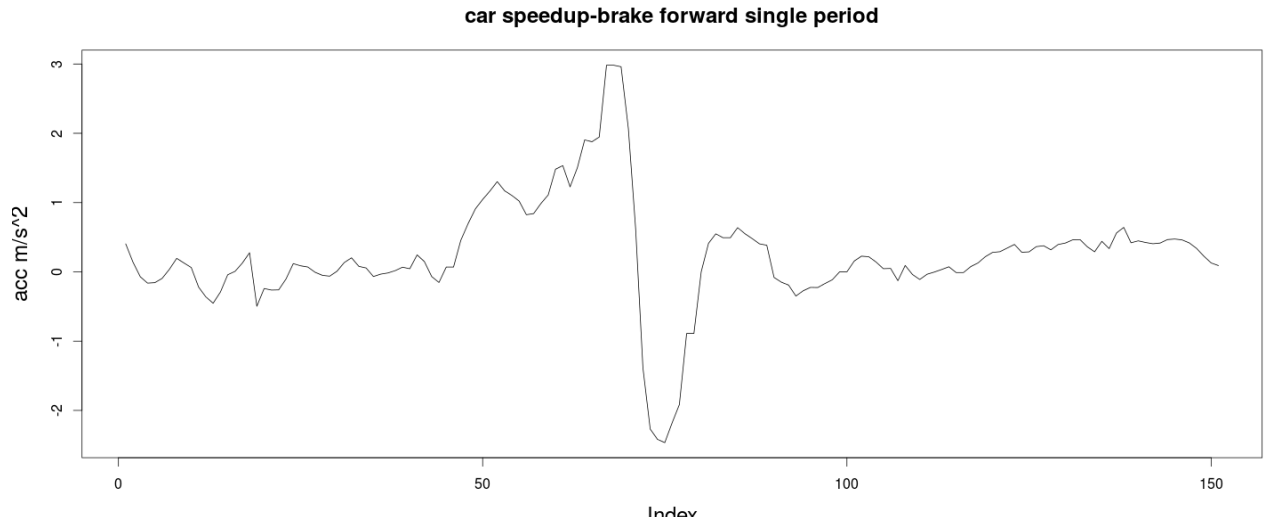
汽车先加速后刹车：

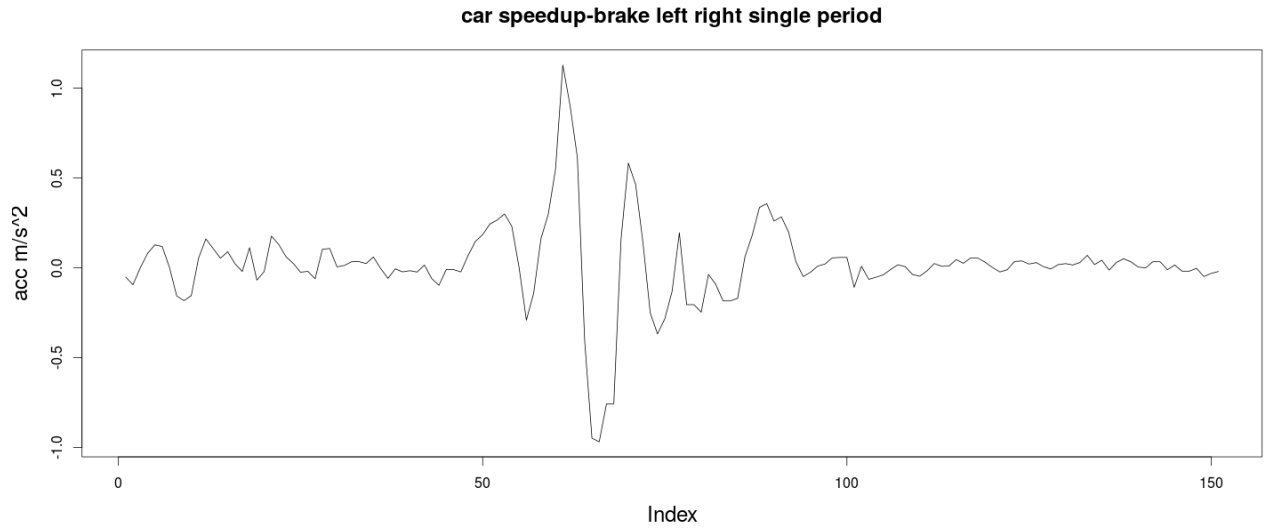

car speedup-brake forward
acc m/s^2
4
2
0
-2
0
1000
2000
3000
4000
5000
Index

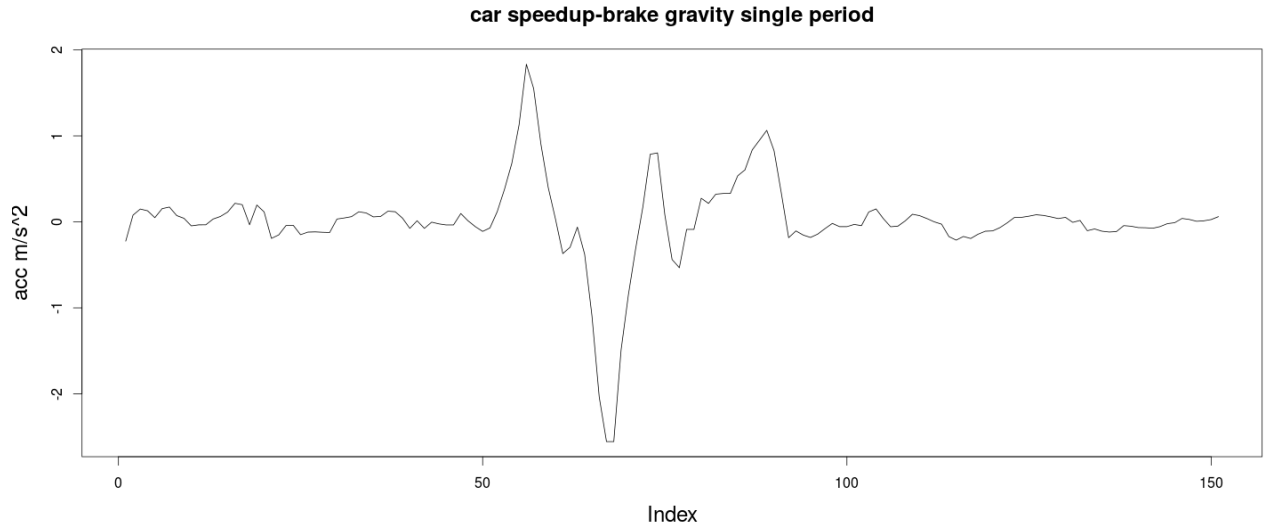

car speedup-brake left right
acc m/s^2
1.0
0.5
0.0
-0.5
-1.0
0
1000
2000
3000
4000
5000
Index


car speedup-brake gravity
acc m/s^2
2
1
0
-1
-2
-3
0
1000
2000
3000
4000
5000
Index

单个周期图像


car speedup-brake forward single period
acc m/s^2
3
2
1
0
-1
-2
0
50
100
150
Index


car speedup-brake left right single period
acc m/s^2
1.0
0.5
0.0
-0.5
-1.0
0
50
100
150
Index


car speedup-brake gravity single period
acc m/s^2
2
1
0
-1
-2
0
50
100
150
Index

统计值（单个周期）：

direction	max	min	mean	sd	mean_positive	sd_positive
FORWARD	2.9824848884	-2.4649472847	0.2399073815	0.7874856398	0.5372973746	0.6273088253
LEFT	1.1286114636	-0.9676038417	0.0180831114	0.2372826082	0.1253539558	0.1892901327
GRAVITY	1.8328909763	-2.5550779031	0.0068656123	0.5028421757	0.2547576399	0.3661960099