



中国智能汽车指数测评结果

China Intelligent Vehicle Index Rating Results

(2023年第三批)

(Batch 3 in 2023)

中国 · 重庆

Chongqing · China

2023年10月

10, 2023



蔚来 ES7

2022款 75kWh



车辆类型
Vehicle Type

换电式纯电动多用途乘用车

整车型号
Vehicle Model

HFC6494ECSEV1-W

生产厂家
Manufacturer(s)

安徽江淮汽车集团股份有限公司

制造年月
Manufacture Date

2022-12

能源类型
Energy Type

纯电动

系统版本
System Version

Banyan 2.0.0 CN

车辆识别代号
VIN

LJ1E6A2U7NG117918

环境感知传感器

Environment Perception Sensor

传感器类型
Sensor Type

数量
Qty.

摄像头
Camera

11

激光雷达
Laser Radar

1

毫米波雷达
Millimeter-Wave Radar

5

超声波雷达
Ultrasonic-Wave Radar

12



蔚来 ES7

2022款 75kWh



> 智能行车
Intelligent Driving



> 智能安全
Intelligent Safety



> 智能泊车
Intelligent parking



> 智能交互
Intelligent Interaction



> 智能能效
Intelligent Energy Efficiency



G 优秀	A 良好	M 一般	P 较差
G Good	A Acceptable	M Marginal	P Poor



蔚来 ES7

2022款 75kWh

单车道纵向 控制能力

Single-Lane Longitudinal
Control Capability

22.5分 (满分22.5分)
22.5 points (out of 22.5 points)

单车道横向 控制能力

Single-Lane Lateral
Control Capability

1分 (满分1分)
1 point (out of 1 point)

单车道纵横 向控制能力

Single-Lane Combined
Longitudinal and Lateral

2.4分 (满分4分)
2.4 points (out of 4 points)

换道辅助能力

Lane-Change Assistance
Capability

1.5分 (满分1.5分)
1.5 points (out of 1.5 points)

关联功能

Correlation Function

1.5分 (满分2分)
1.5 points (out of 2 points)

用户手册审查

Review of User Manual

1分 (满分1分)
1 point (out of 1 point)

智能行车总得分

Total Score of Intelligent Driving

29.9分/93%

29.9 points/93%



G 优秀 **A** 良好 **M** 一般 **P** 较差
G Good **A** Acceptable **M** Marginal **P** Poor



蔚来 ES7

2022款 75kWh

智能行车
Intelligent Driving

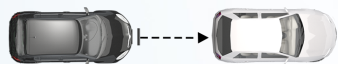
单车道纵向控制能力

Single-Lane Longitudinal Control Capability

(满分22.5分) (out of 22.5 points)

得分: 22.5分

Score: 22.5points



目标车静止

Stationary - Target Vehicle
(满分6分) (out of 6 points)

得分: 6分 Score: 6 points



目标车低速

Low Speed - Target Vehicle
(满分9分) (out of 9 points)

得分: 9分 Score: 9 points



目标车减速

Deceleration - Target Vehicle
(满分3分) (out of 3 points)

得分: 3分 Score: 3 points



前车切入

Forward Vehicle Cutting in
(满分4.5分) (out of 4.5 points)

得分: 4.5分 Score: 4.5 points

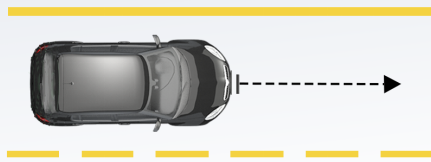


蔚来 ES7

2022款 75kWh

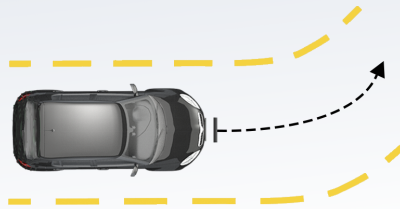
智能行车
Intelligent Driving

单车道横向控制能力 (满分1分)
Single-Lane Lateral Control Capability (out of 1 point)
得分: 1分
Score: 1 point



车道居中行驶 (满分1分)
Lane Center Driving (out of 1 point)
得分: 1分 Score: 1 point

单车道纵横向控制能力 (满分4分)
Single-Lane Combined Longitudinal and Lateral Control Capability (out of 4 points)
得分: 2.4分
Score: 2.4 points



直道驶入弯道 (满分4分)
Straight to Curve (out of 4 points)
得分: 2.4分 Score: 2.4 points

换道辅助能力 (满分1.5分)
Lane-Change Assistance Capacity (out of 1.5 points)
得分: 1.5分
Score: 1.5 points



盲区无车 (满分0.5分)
No Vehicle in Blind Spots (out of 0.5 points)
得分: 0.5分 Score: 0.5 points

盲区有车 (满分1分)
Vehicles in Blind Spots (out of 1 point)
得分: 1分 Score: 1 point



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2022款 75kWh

智能行车
Intelligent Driving

关联功能

(满分2分)

Correlation Function (out of 2 points)

得分: 1.5分

Score :1.5 point

抬头显示 Head up Display



0.5/0.5分 (0.5 points)

驾驶员监控 Driver Monitoring



1/1分 (1 point)

蜂窝车联网 Cellular Internet of Vehicle



0/0.5分 (0 point)

搭载



Configured

需选装



Optional

未明确



Undefined

用户手册审查

(满分1分)

Review of User Manual (out of 1 points)

得分: 1分

Score: 1 point

系统定义 System Definition



0.25/0.25分 (0.25 points)

驾驶员责任 Driver Responsibility



0.25/0.25分 (0.25 points)

系统使用条件 System Service Condition



0.25/0.25分 (0.25 points)

系统局限性 System Limitation



0.25/0.25分 (0.25 points)

明确



Defined

未明确



Undefined



蔚来 ES7

2022款 75kWh



车对车自动紧急制动系统

AEB C2C System

(满分22分)
(out of 22 points)得分: 20分
Score: 20 points

行人与骑行者自动紧急制动系统

AEB VRU System

(满分56分)
(out of 56 points)得分: 55分
Score: 55 points

车道辅助系统

Lane Keeping Assist System

(满分14分)
(out of 14 points)得分: 14分
Score: 14 points

侧向辅助系统

Blind Spot Detection

(满分15分)
(out of 15 points)得分: 15分
Score: 15 points

智能安全总得分

Total Score of Intelligent Safety

104分/97%

104 points/97%



G 优秀	A 良好	M 一般	P 较差
G Good	A Acceptable	M Marginal	P Poor



蔚来 ES7

2022款 75kWh

智能安全
Intelligent Safety



车对车自动紧急制动系统
AEB C2C System

(满分22分) (out of 22 points)

得分: 20 (19+1) 分 Score:20 (19+1) points

FCW功能 (满分3分)

FCW Function (out of 3 points)

得分: 2分

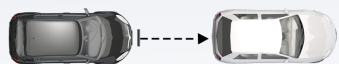
Score:2 points

AEB功能 (满分16分)

AEB Function (out of 16 points)

得分: 16分

Score: 16 points



目标车静止

Stationary - Target Vehicle
(满分1分) (out of 1 point)

得分: 1分 Score: 1 point



目标车低速

Low Speed - Target Vehicle
(满分1分) (out of 1 point)

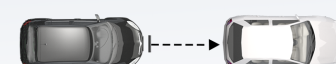
得分: 1分 Score:1 point



目标车减速

Deceleration - Target Vehicle
(满分1分) (out of 1 point)

得分: 0分 Score:0 point



目标车静止

Stationary - Target Vehicle
(满分8分) (out of 8 points)

得分: 8分 Score:8 points



目标车低速

Low Speed - Target Vehicle
(满分8分) (out of 8 points)

得分: 8分 Score:8 points



蔚来 ES7

2022款 75kWh

智能安全
Intelligent Safety



车对车自动紧急制动系统
AEB C2C System

(满分22分) (out of 22 points)

得分: 20 (19+1) 分
points Score:20 (19+1)

高级辅助功能

(满分3分)
Advanced Assistance Function (out of 3 points)

得分: 1分

Score: point

FCW辅助报警形式 FCW Assist Warning Form



1/1分 (1 point)

主动式安全带预紧 Active Seat Belt Pre-Tensioning



0/1分 (0 point)

紧急转向避让 Automatic Emergency Steering/ Emergency Steering Assist



0/1分 (0 point)

搭载
Configured



需选装
Optional



未明确
Undefined





蔚来 ES7

2022款 75kWh



行人与骑行者自动紧急制动系统

AEB VRU System

(满分56分) (out of 56 points)

得分: 55 (52+3) 分 Score: 55 (52+3) points

智能安全

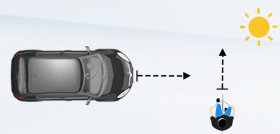
Intelligent Safety

AEB自行车骑行者功能

AEB Bicyclist Function

(满分16分) (out of 16 points)

得分: 16分 Score: 16 points

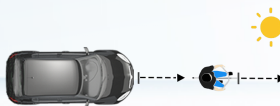


成人自行车骑行者近端横穿50%

Car to Bicyclist Nearside Adult 50%

(满分8分) (out of 8 points)

得分: 8分 Score: 8 points

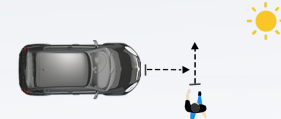


成人自行车骑行者纵向追尾50%

Car to Bicyclist Longitudinal Adult 50%

(满分8分) (out of 8 points)

得分: 8分 Score: 8 points

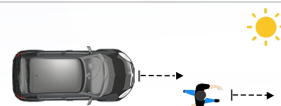


成人近端横穿25%

Car to Pedestrian Nearside Adult 25%

(满分8分) (out of 8 points)

得分: 8分 Score: 8 points



成人纵向追尾25%

Car to Pedestrian Longitudinal Adult 25%

(满分6分) (out of 6 points)

得分: 6分 Score: 6 points

AEB行人功能

AEB-Pedestrian Function

(满分40分) (out of 40 points)

得分: 36分 Score: 36 points

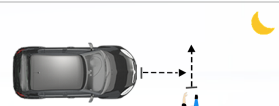


儿童近端横穿单侧遮挡50%

Car to Pedestrian Nearside Single Obstruction Child 50%

(满分8分) (out of 8 points)

得分: 5分 Score: 5 points



成人近端横穿25%

Car to Pedestrian Nearside Adult 25%

(满分8分) (out of 8 points)

得分: 8分 Score: 8 points



儿童近端横穿双侧遮挡50%

Car to Pedestrian Nearside Double Obstruction Child 50%

(满分5分) (out of 5 points)

得分: 4分 Score: 4 points



成人远端横穿遮挡50%

Car to Pedestrian Farside Obstruction Adult 50%

(满分5分) (out of 5 points)

得分: 5分 Score: 5 points



蔚来 ES7

2022款 75kWh



车道辅助系统
Lane Keeping Assist System

(满分14分) (out of 14 points)

得分:14 (13+1) 分 Score:14 (13+1) points

LDW功能 (满分6分)

LDW Function (out of 6 points)

得分5分

Score: 5 points

直道偏离报警可重复性-
左侧

Straight LDW Repeatability - Left
(满分2分) (out of 2 points)

得分: 2分 Score: 2 points

弯道偏离报警产生-
左转弯右侧

Curved LDW Generation - Left Turn
Right (满分1分) (out of 1 point)

得分: 0分 Score:0 point

直道偏离报警可重复性-
右侧

Straight LDW Repeatability -
Right

(满分2分) (out of 2 points)

得分: 2分 Score:2 points

弯道偏离报警产生-
右转弯左侧

Curved LDW Generation - Right
Turn Left (满分1分) (out of 1
point)

得分: 1分 Score:1 point

LDP功能 (满分8分)

LDP Function (out of 8 points)

得分8分

Score:8 points

直道偏离抑制-左侧

Straight LDP - Left

(满分4分) (out of 4 points)

得分: 4分 Score:4 points

直道偏离抑制-右侧

Straight LDP - Right

(满分4分) (out of 4 points)

得分: 4分 Score:4 points

智能安全

Intelligent Safety



蔚来 ES7

2022款 75kWh

智能安全
Intelligent Safety



侧向辅助系统
Blind Spot Detection

(满分15分) (out of 15 points)

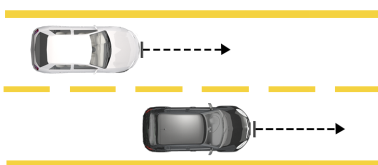
得分: 15 (14.5+0.5) 分 Score:15 (14.5+0.5) point

BSD功能 (满分10分)

BSD Function (out of 10)

得分10分

Score: 10 points

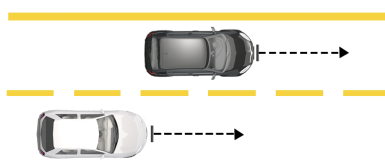


目标车超越主车-左侧

TV Overtaking SV - Left

(满分4分) (out of 4 points)

得分: 4分 Score:4 points

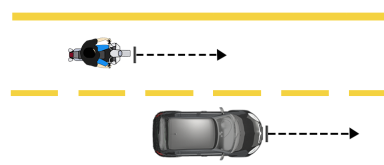


目标车超越主车-右侧

TV Overtaking SV - Right

(满分4分) (out of 4 points)

得分: 4分 Score:4 points

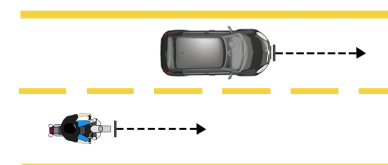


两轮目标车超越主车-左侧

Two-Wheeled TV Overtaking SV - Left

(满分1分) (out of 1 point)

得分: 1分 Score:1 point



两轮目标车超越主车-右侧

Two-Wheeled TV Overtaking SV - Right

(满分1分) (out of 1 point)

得分: 1分 Score:1 point



蔚来 ES7

2022款 75kWh

智能安全
Intelligent Safety



侧向辅助系统
Blind Spot Detection

(满分15分) (out of 15 points)

得分: 15 (14.5+0.5) 分

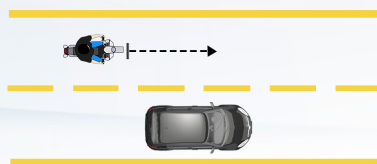
Score: 15 (14.5+0.5) 15 points

DOW功能 (满分3分)

DOW Function (out of 3 points)

得分: 3 分

Score: 3 points



两轮目标车超越主车

Two-Wheeled TV Overtaking
SV

(满分3分) (out of 3 points)

得分: 3分 Score: 3 points

高级辅助功能

(满分2分)

Advanced Assistance Function (out of 2 points)

得分: 1.5分

Score: 1.5 points

后向碰撞预警 Rear Collision Warning



0/0.5分 (0 point)

后方交通穿行提示 Rear Cross Traffic Alarm



0.5/0.5分 (0.5 points)

DOW后排独立报警 DOW Rear-Row Independent Alarm



1/1分 (1 point)

搭载
Configured



需选装
Optional



未搭载
Not configured





蔚来 ES7

2022款 75kWh



泊车能力

Parking Capability

(满分27分)

得分: 22.65分

(out of 22.65 points)

Score: 22.65 points



新功能

New Function

(满分2分)

得分: 0.5 分

(out of 2 points)

Score: 0.5 points



用户手册审查

Review of User Manual

(满分1分)

得分: 1分

(out of 1 point)

Score: 1 point

智能泊车总得分

Total Score of Intelligent Parking

24.15分/81%

24.15 points/81%



G

优秀

A

良好

M

一般

P

较差

G

Good

A

Acceptable

M

Marginal

P

Poor



蔚来 ES7

2022款 75kWh

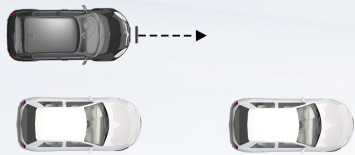


泊车能力
Parking Capability

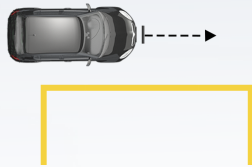
(满分27分) (out of 27 points)

得分: 22.65分 Score: 22.65 points

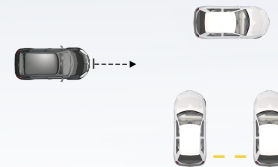
智能泊车
Intelligent Parking



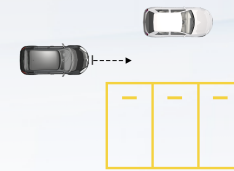
双边界车辆平行车位
Parallel Parking Space with Two
Bordering Vehicles
得分: 1.65分 (满分6分)
Score: 1.65 points (out of 6 points)



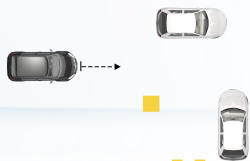
白色标线平行车位
Parallel Parking Space with
White Markings
得分: 3分 (满分3分)
Score: 3 points (out of 3 points)



双边界车辆垂直车位
Vertical Parking Space with Two
Bordering Vehicles
得分: 6分 (满分6分)
Score: 6 points (out of 6 points)



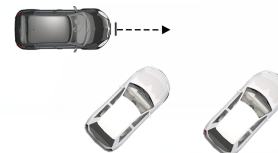
白色标线垂直车位
Vertical Parking Space with White
Markings
得分: 3分 (满分3分)
Score: 3 points (out of 3 points)



方柱垂直车位-左方柱
Column-Defined Vertical Parking
Space - Left Column
得分: 3分 (满分3分)
Score: 3 points (out of 3 points)



方柱垂直车位-右方柱
Column-Defined Vertical
Parking Space - Right Column
得分: 3分 (满分3分)
Score: 3 points (out of 3 points)



双边界车辆斜向车位
Skew Parking Space with Two
Bordering Vehicles
得分: 2分 (满分2分)
Score: 2 points (out of 2 points)



白色标线斜向车位
Skew Parking Space with White
Markings
得分: 1分 (满分1分)
Score: 1 point (out of 1 point)



蔚来 ES7

2022款 75kWh

智能泊车 Intelligent Parking

新功能 New Function

(满分2分)
(out of 2 points)

得分: 0.5分
Score:0.5 points



平行车位远程操控泊入泊出

Remotely Controlled Parking-in and
Parking-out in Parallel Parking Space

得分: 0分 (满分1分)

Score:0 point (out of 1 point)



垂直车位远程操控泊入泊出

Remotely Controlled Parking-in and
Parking-out in Vertical Parking Space

得分: 0.5分 (满分1分)

Score:0.5 point (out of 1 point)

用户手册审查

Review of User Manual

(满分1分)
(out of 1 point)

得分: 1分

Score: 1 point

系统定义 System Definition	●	0.25/0.25分 (0.25 points)
驾驶员责任 Driver Responsibility	●	0.25/0.25分 (0.25 points)
系统使用条件 System Service Conditions	●	0.25/0.25分 (0.25 points)
系统局限性 System Limitation	●	0.25/0.25分 (0.25 points)

明确
Defined



未明确
Undefined





蔚来 ES7

2022款 75kWh



语音交互

Voice Interaction

(满分19分)

得分: 16.9分

(out of 19 points)

Score: 16.9 points



触屏交互

Touch Screen Interaction

(满分15分)

得分: 10.5分

(out of 15 points)

Score: 10.5 points

智能交互总得分

Total Score of Intelligent Interaction

27.4分/81%

27.4 points/81%





蔚来 ES7

2022款 75kWh



语音交互

Voice Interaction

(满分19分) (out of 19 points)

得分: 16.9分 Score: 16.9 points



触屏交互

Touch Screen Interaction

(满分15分) (out of 15 points)

得分: 10.5分 Score: 10.5 points

智能交互

Intelligent Interaction

唤醒
Wake-up

4/4分 (4.4 points)

功能满足度

Functional Satisfaction

9.5/10分 (9.5 points)

功能丰富度

Functional Richness

3.4/4分 (3.4 points)

方言支持度

Dialect Support

0/1分 (0 point)

可用度
Availability

2.5/2.5分 (2.5 points)

丰富度
Richness

2.5/2.5分 (2.5 points)

应用启动时间

Application Startup Time

5.5/6分 (5.5 points)

流畅度
Fluency

0/4分 (0 point)



蔚来 ES7

2022款 75kWh



工况适应性

Condition Adaptability

(满分50分)

得分: 46.36分

(out of 50 points)

Score:46.36 points



环境适应性

Environmental Adaptability

(满分30分)

得分: 26.36分

(out of 30 points)

Score:26.36 points



充电效能

Charging Efficiency

(满分20分)

得分: 18.8分

(out of 20 points)

Score:18.8 points

智能能效总得分

Total Score of Intelligent Efficiency

91.52分/100分

91.52 points/100 points



G

优秀

A

良好

M

一般

P

较差

G

Good

A

Acceptable

M

Marginal

P

Poor



蔚来 ES7

2022款 75kWh

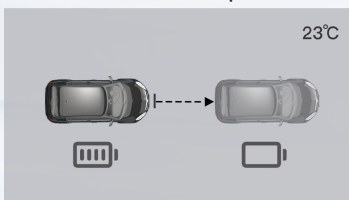
工况适应性

(满分50分)

Condition Adaptability
(out of 50 points)

得分: 46.36分

Score: 46.36 points

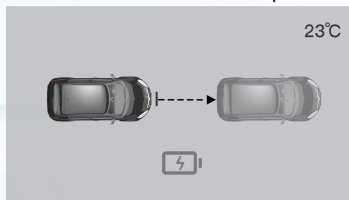


常温WLTC续航里程衰减

Driving Range Attenuation Rate under Normal-Temperature WLTC Condition

(满分30分) (out of 30 points)

得分: 27.61分 Score: 27.61 points



常温WLTC能量消耗率

Energy Consumption Rate under Normal-Temperature WLTC Condition

(满分20分) (out of 20 points)

得分: 18.75分 Score: 18.75 points

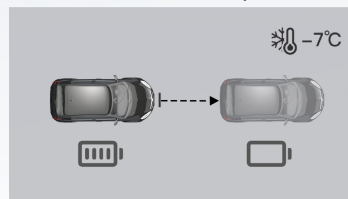
环境适应性

(满分30分)

Environmental Adaptability
(out of 30 points)

得分: 26.36分

Score: 26.36 points

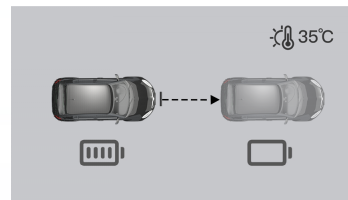


低温WLTC续航里程衰减

Driving Range Attenuation Rate under Low-Temperature WLTC Condition

(满分20分) (out of 20 points)

得分: 17.67分 Score: 17.67 points



高温WLTC续航里程衰减

Driving Range Attenuation Rate under High-Temperature WLTC Condition

(满分10分) (out of 10 points)

得分: 8.69分 Score: 8.69 points

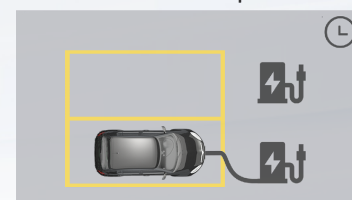
充电效能

(满分20分)

Charging Efficiency
(out of 20 points)

得分: 18.8分

Score: 18.8 points



百公里充电时间

100 km Charging Time

(满分20分) (out of 20 points)

得分: 18.8分 Score: 18.8 points



中国智能汽车指数 导航智能驾驶（NP）测评结果

China Intelligent Vehicle Index
Navigation Pilot (NP) Rating Results

（2023年第三批）

(Batch 3 in 2023)



蔚来 ES7

2022款 75kWh



车辆类型

Vehicle Type

换电式纯电动多用途乘用车

整车型号

Vehicle Model

HFC6494ECSEV1-W

生产厂家

Manufacturer(s)

安徽江淮汽车集团股份有限公司

制造年月

Manufacture Date

2022-12

NP功能名称

NP Function Name

NOP+ 增强领航辅助

NP软件版本

NP Software Version

Banyan 1.3.2 CN

车辆识别代号

VIN

LJ1E6A2U7NG117918

传感器及算力配置

Sensor and Computation Configuration

类型

Type

数量/性能

Qty./
Performance

摄像头

Camera

11个

毫米波雷达

Millimeter-Wave Radar

5个

激光雷达

Laser Radar

1个

智能驾驶芯片

Intelligent Driving Chip

1016TOPS



蔚来 ES7

2022款 75kWh



导航智能驾驶测评 (高速公路)

Navigation Pilot Evaluation
(Expressway)



车辆安全性得分: 74.27分/100分

Score of Vehicle Safety: 74.27/100

功能完成度得分: 97.37分/100分

Score of Functional Completion: 97.37/100

最终得分=min{车辆安全性得分, 功能完成度得分}=74.27分

Final Score= min {Score of Vehicle Safety Score and Score of Functional Completion} = 74.27 points

注: G+代表极优秀水平, 满分100分

Note: G+= extremely excellent, with a full score of 100 points.





蔚来 ES7

2022款 75kWh

① 前车静止 (直道)

Forward Vehicle Being Stationary (on a Straight Lane)

车辆安全性测试

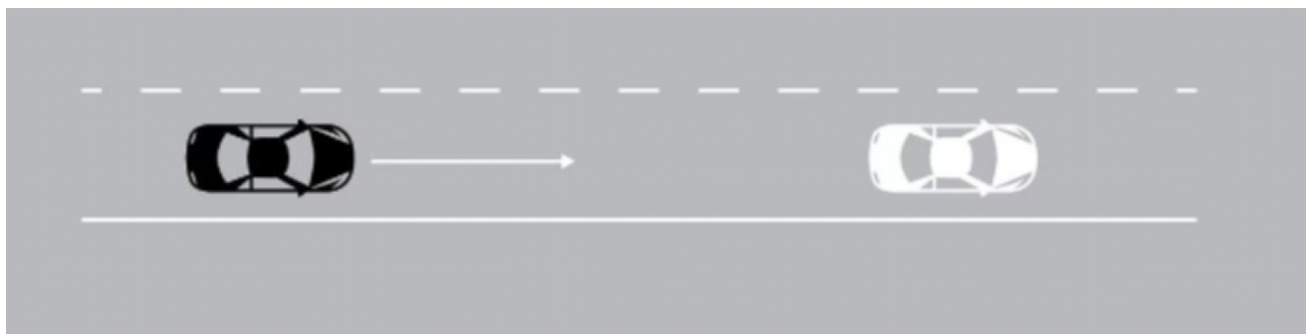
Vehicle Safety Test

(满分100分)

得分: 74.27分

(out of 100 points)

Score: 74.27 points



得分
Score

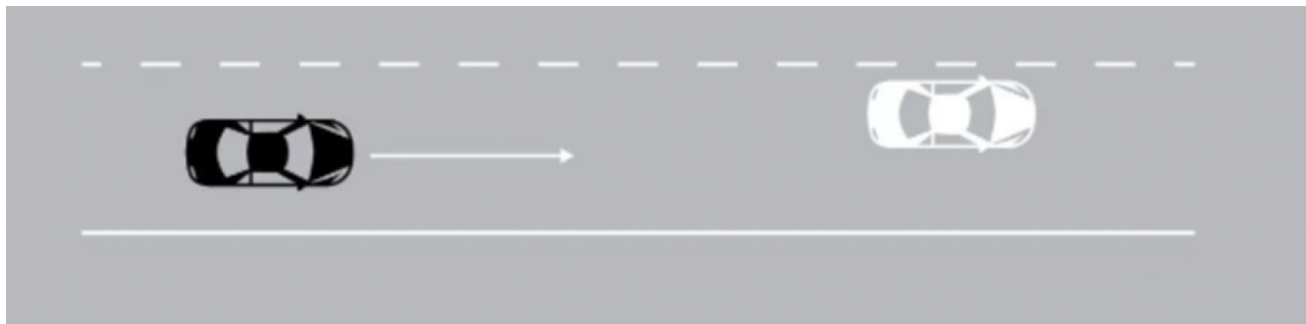
14.00分
14.00 points

满分
Full Score

14分
14 points

② 前车静止 (直道) - 目标车偏置

Forward Vehicle Being Stationary (on a Straight Lane) - TV Being Offset



得分
Score

14.00分
14.00 points

满分
Full Score

14分
14 points

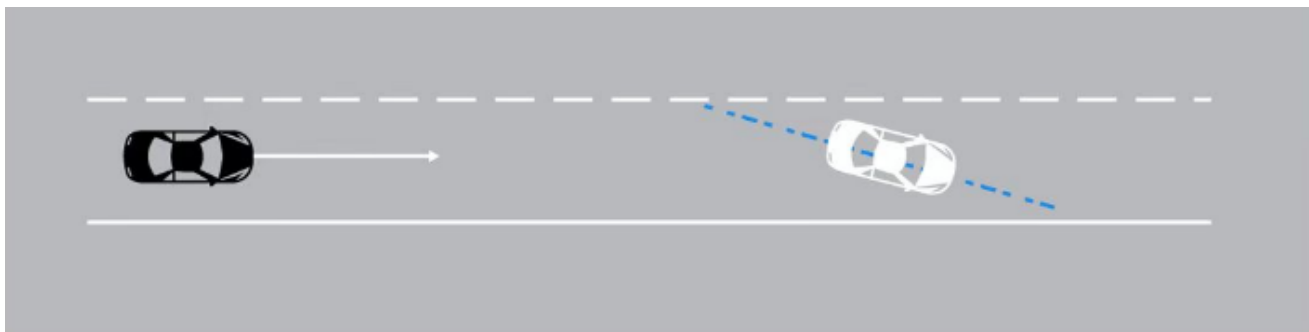


蔚来 ES7

2022款 75kWh

③ 前车静止（直道） - 目标车斜置

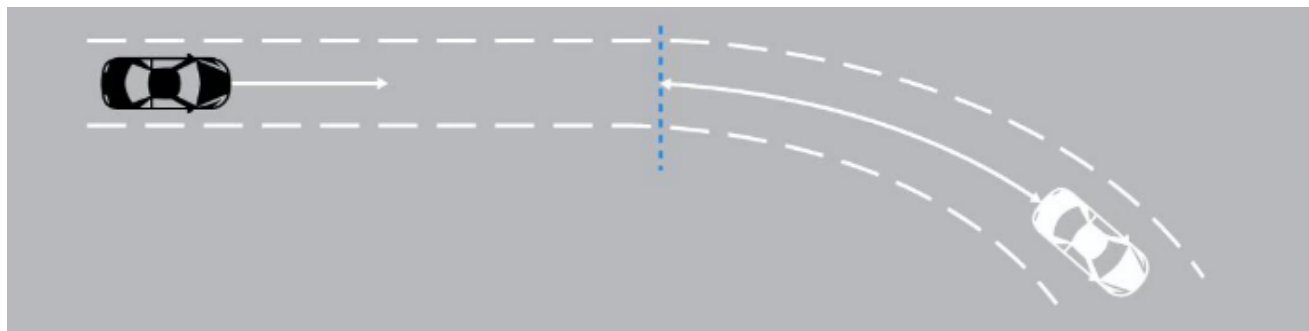
Forward Vehicle Being Stationary (on a Straight Lane) - TV Being Skewed



得分 Score	满分 Full Score
14.00分 14.00 points	14分 14 points

④ 前车静止（弯道）

Forward Vehicle Being Stationary (on a Curved Lane)



得分 Score	满分 Full Score
10.27分 14.00 points	14分 14 points

车辆安全性测试

Vehicle Safety Test

(满分100分)

得分: 74.27分

(out of 100 points)

Score: 74.27 points

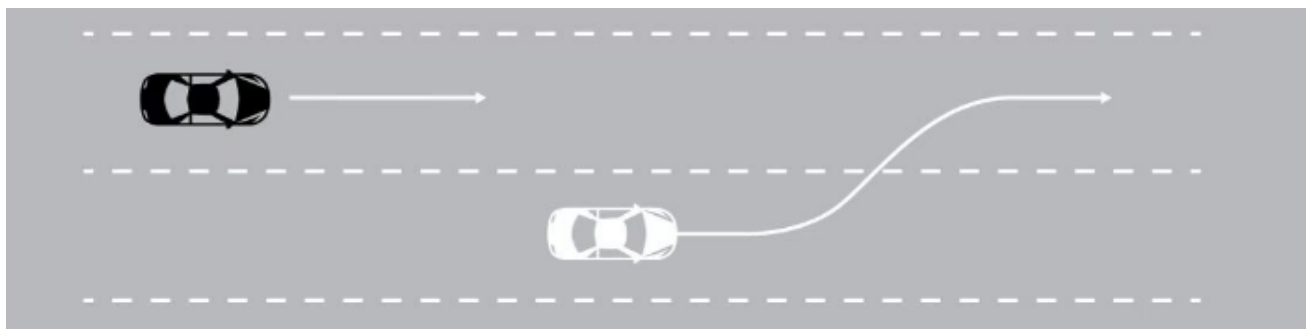


蔚来 ES7

2022款 75kWh

⑤ 前车切入

Forward Vehicle Cutting in



得分
Score

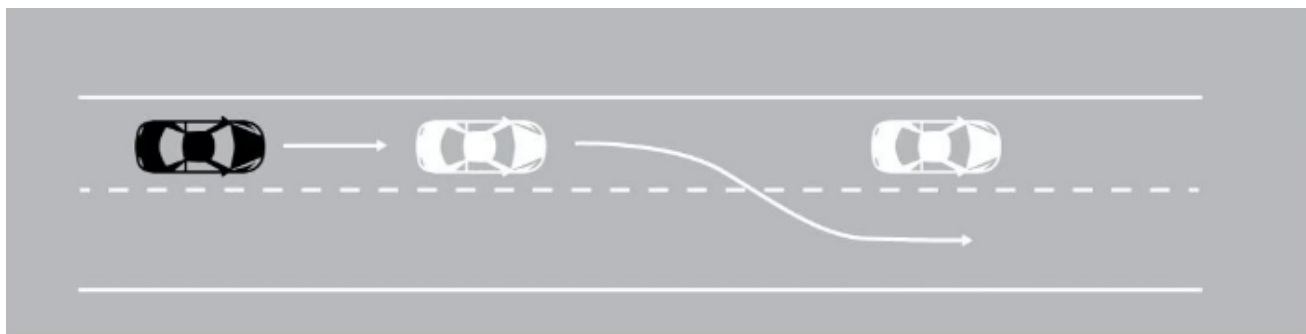
0.00分
0 points

满分
Full Score

14分
14 points

⑥ 前车切出

Forward Vehicle Cutting out



得分
Score

10.00分
10 points

满分
Full Score

15分
15 points

车辆安全性测试

Vehicle Safety Test

(满分100分)

得分: 74.27分

(out of 100 points)

Score:74.27 points

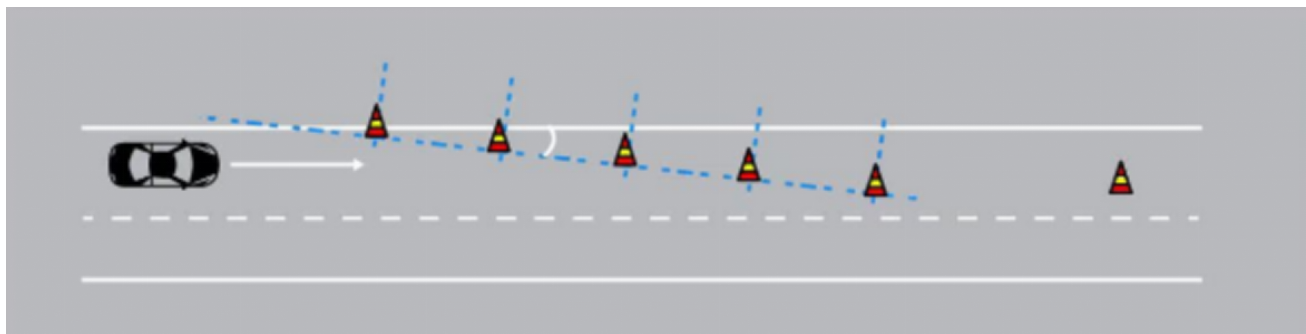


蔚来 ES7

2022款 75kWh

⑦ 交通锥避让

Avoidance of Traffic Cones



车辆安全性测试

Vehicle Safety Test

(满分100分)

得分: 74.27分

(out of 100 points)

Score: 74.27 points

得分
Score

12.00分
12 points

满分
Full Score

15分
15 points



蔚来 ES7

2022款 75kWh

① 拥堵走停

Stop-and-Go Traffic

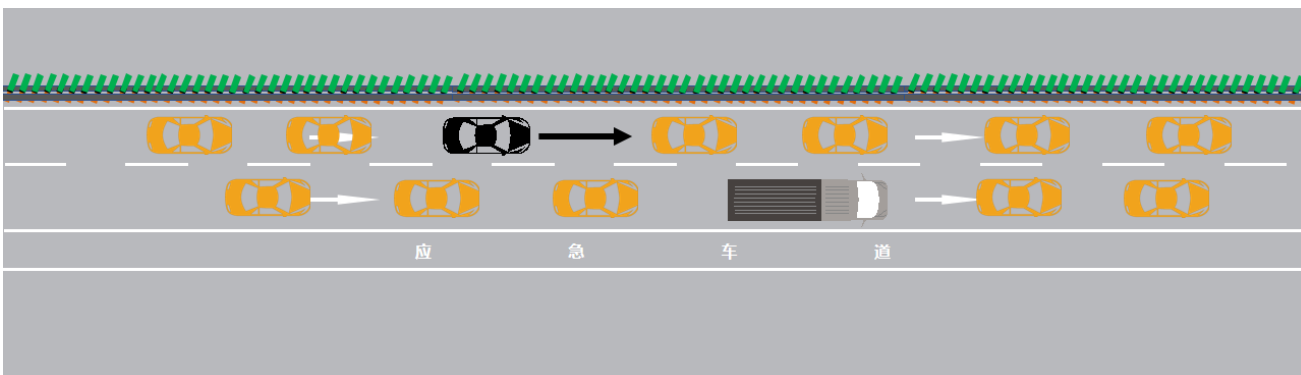
功能完成度测试 Functional Completion Test

(满分100分)

得分: 97.37分

(out of 100 points)

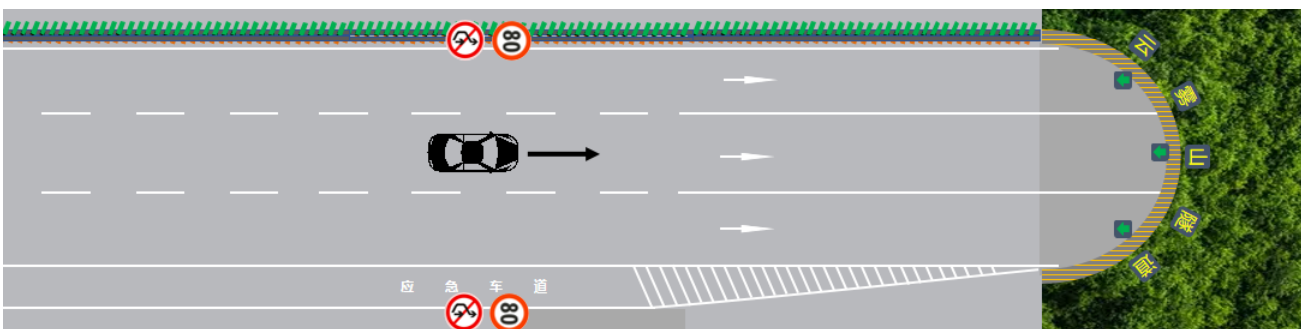
Score: 97.37 points



得分 Score	满分 Full Score
5.00分 5.00 points	5分 5 points

② 隧道通行

Tunnel Passing



得分 Score	满分 Full Score
5.00分 5.00 points	5分 5 points



蔚来 ES7

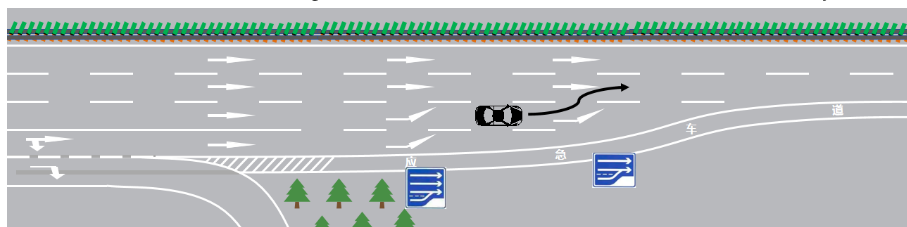
2022款 75kWh

③ 车道尽头导航变道

Navigation for Lane Change at a Lane End

工况1：主车车道前方及相邻车道无环境车

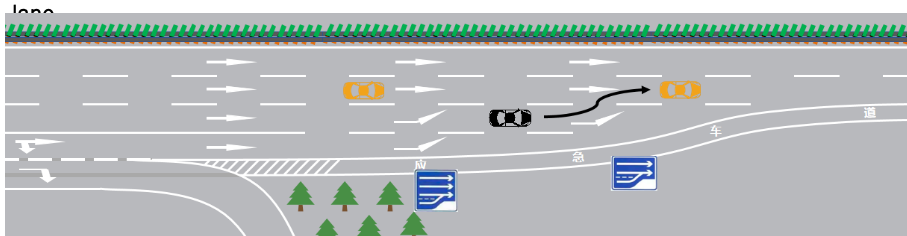
Condition 1: no surrounding vehicle in front of the SV's lane and in the adjacent lane



得分 Score	满分 Full Score
5.00分 5.00 points	5分 5 points

工况3：主车车道前方无环境车，相邻车道有 2 辆环境车

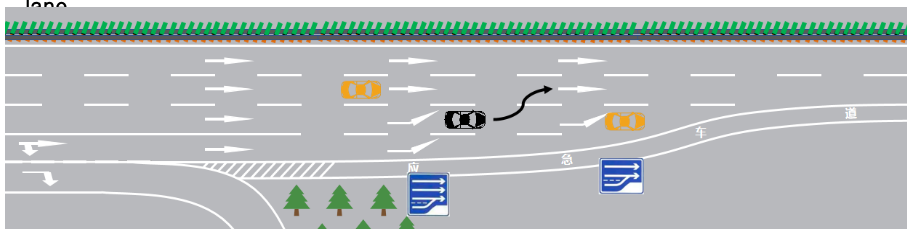
Condition 3: no surrounding vehicle in front of the SV's lane and 2 surrounding vehicles in the adjacent lane



得分 Score	满分 Full Score
5.00分 5.00 points	5分 5 points

工况5：主车车道前方有 1 辆环境车，相邻车道有 1 辆环境车

Condition 5: 1 surrounding vehicle in front of the SV's lane and 1 surrounding vehicle in the adjacent lane



得分 Score	满分 Full Score
5.00分 5.00 points	5分 5 points

功能完成度测试

Functional Completion Test

(满分100分)

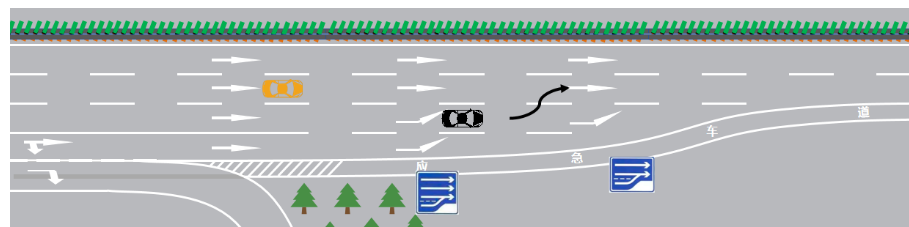
得分：97.37分

(out of 100 points)

Score: 97.37 points

工况2：主车车道前方无环境车，相邻车道有 1 辆环境车

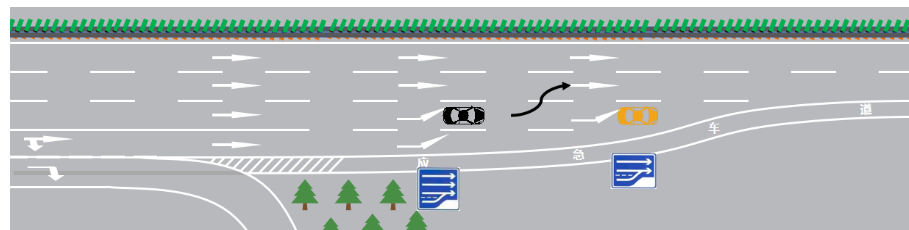
Condition 2: no surrounding vehicle in front of the SV's lane and 1 surrounding vehicle in the adjacent lane



得分 Score	满分 Full Score
5.00分 5.00 points	5分 5 points

工况4：主车车道前方有 1 辆环境车，相邻车道无环境车

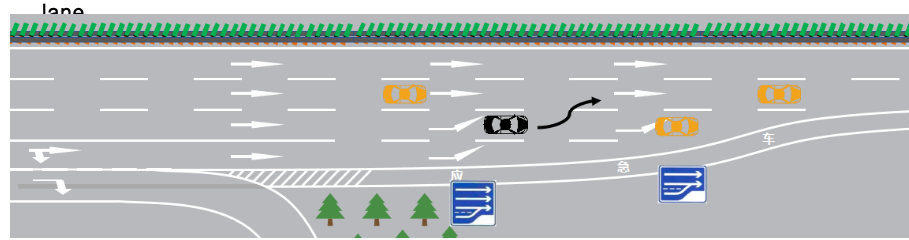
Condition 4: 1 surrounding vehicle in front of the SV's lane and no surrounding vehicle in the adjacent lane



得分 Score	满分 Full Score
5.00分 5.00 points	5分 5 points

工况6：主车车道前方有 1 辆环境车，相邻车道有 2 辆环境车

Condition 6: 1 surrounding vehicle in front of the SV's lane and 2 surrounding vehicles in the adjacent lane



得分 Score	满分 Full Score
5.00分 5.00 points	5分 5 points



蔚来 ES7

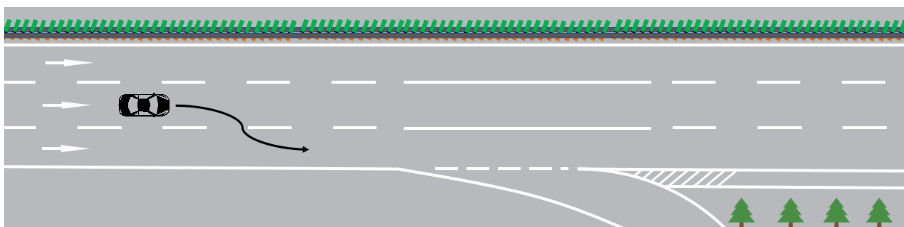
2022款 75kWh

④ 高速汇出匝道

Expressway Exit Ramp

工况1：主车车道前方及相邻车道无环境车

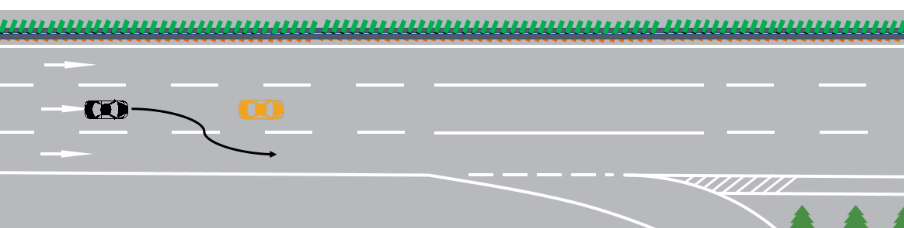
Condition 1: no surrounding vehicle in front of the SV's lane and in the adjacent lane



得分 Score	满分 Full Score
5.00分 5.00 points	5分 5 points

工况3：主车车道前方有 1 辆环境车，相邻车道无环境车

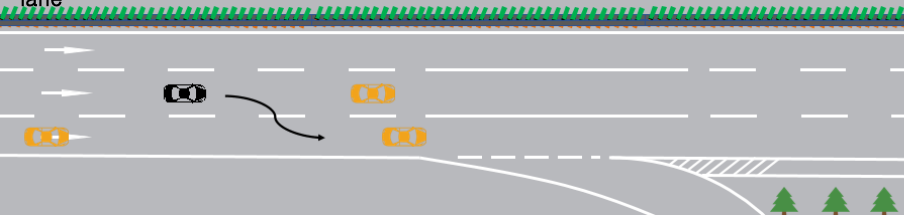
Condition 3: 1 surrounding vehicle in front of the SV's lane and no surrounding vehicle in the adjacent lane



得分 Score	满分 Full Score
5.00分 5.00 points	5分 5 points

工况5：主车车道前方有 1 辆环境车，相邻车道有 2 辆环境车

Condition 5: 1 surrounding vehicle in front of the SV's lane and 2 surrounding vehicles in the adjacent lane



得分 Score	满分 Full Score
1.20分 1.20 points	5分 5 points

功能完成度测试

Functional Completion Test

(满分100分)

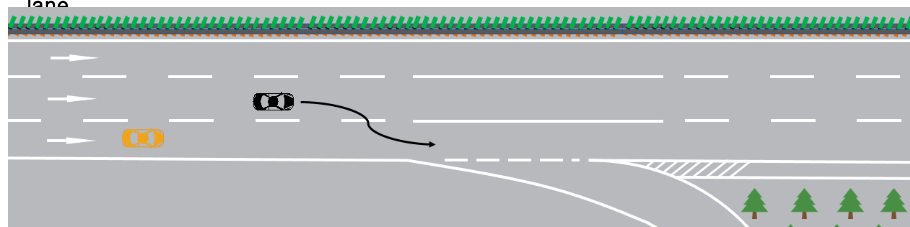
得分：97.37分

(out of 100 points)

Score:100 points

工况2：主车车道前方无环境车，相邻车道有 1 辆环境车

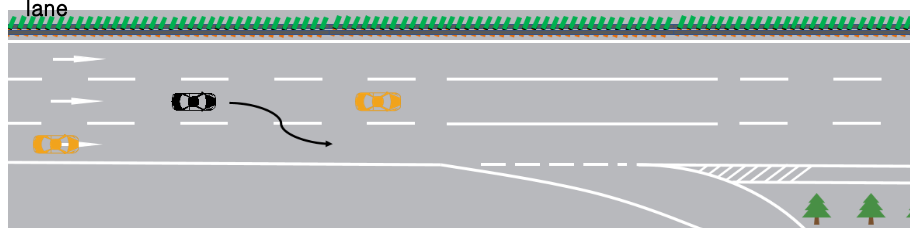
Condition 2: no surrounding vehicle in front of the SV's lane and 1 surrounding vehicle in the adjacent lane



得分 Score	满分 Full Score
5.00分 5.00 points	5分 5 points

工况4：主车车道前方有 1 辆环境车，相邻车道有 1 辆环境车

Condition 4: 1 surrounding vehicle in front of the SV's lane and 1 surrounding vehicle in the adjacent lane



得分 Score	满分 Full Score
5.00分 5.00 points	5分 5 points



蔚来 ES7

2022款 75kWh

⑤ 匝道内路线选择

Route Selection in Ramp

功能完成度测试 Functional Completion Test

(满分100分)

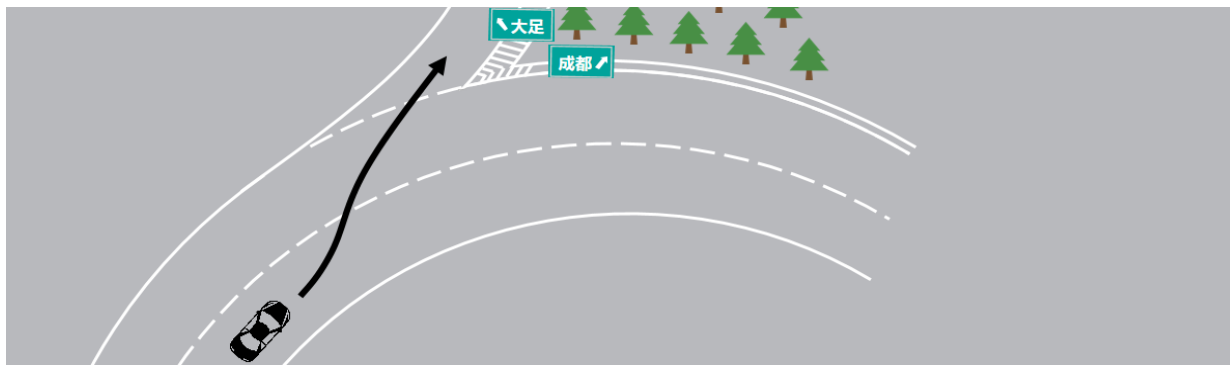
得分: 97.37分

(out of 100 points)

Score: 97.37 points

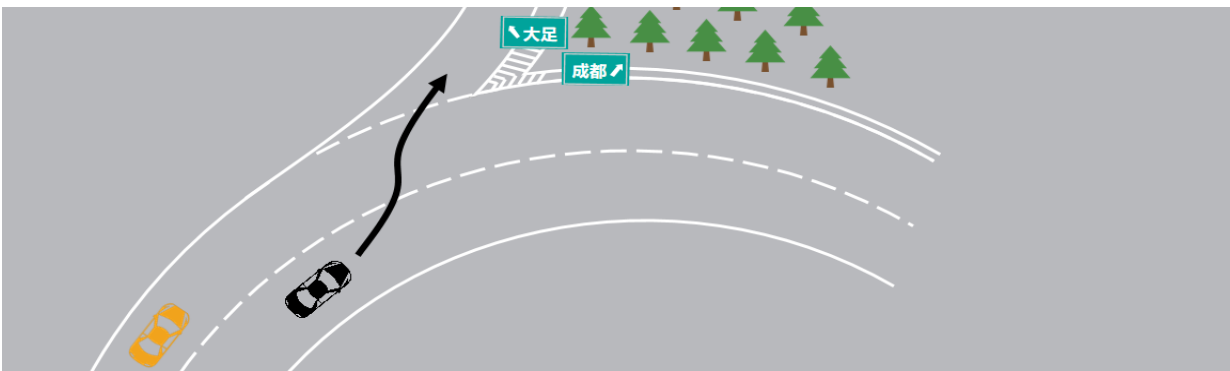
工况1: 主车车道前方及相邻车道无环境车

Condition 1: no surrounding vehicle in front of the SV's lane and in the adjacent lane



工况2: 主车车道前方无环境车, 相邻车道有 1 辆环境车

Condition 2: no surrounding vehicle in front of the SV's lane and 1 surrounding vehicle in the adjacent lane



得分
Score

5.00分
5.00 points

满分
Full Score

5分
5 points

得分
Score

5.00分
5.00 points

满分
Full Score

5分
5 points



蔚来 ES7

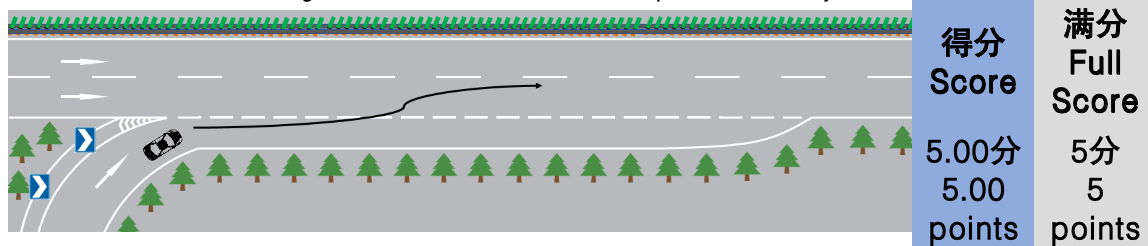
2022款 75kWh

⑥ 匝道汇入高速

Ramp Entrance Expressway

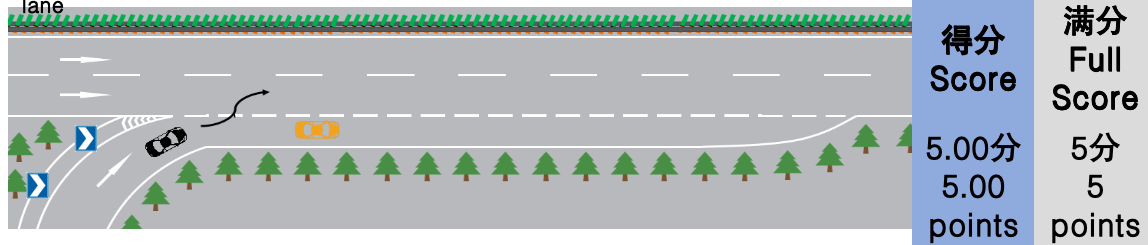
工况1: 主车所在匝道前方及相邻车道无环境车

Condition 1: no surrounding vehicle in front of the SV's ramp and in the adjacent lane



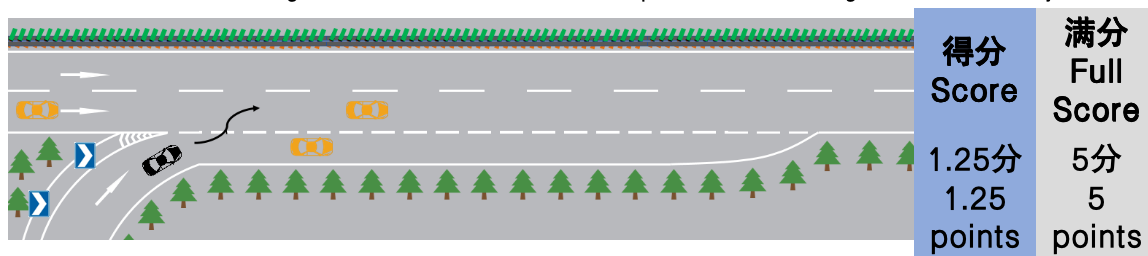
工况3: 主车所在匝道前方有 1 辆环境车, 相邻车道无环境车

Condition 3: 1 surrounding vehicle in front of the SV's ramp and no surrounding vehicle in the adjacent lane



工况5: 主车所在匝道前方有 1 辆环境车, 相邻车道有 2 辆环境车

Condition 5: 1 surrounding vehicle in front of the SV's ramp and 2 surrounding vehicle in the adjacent lane



功能完成度测试

Functional Completion Test

(满分100分)

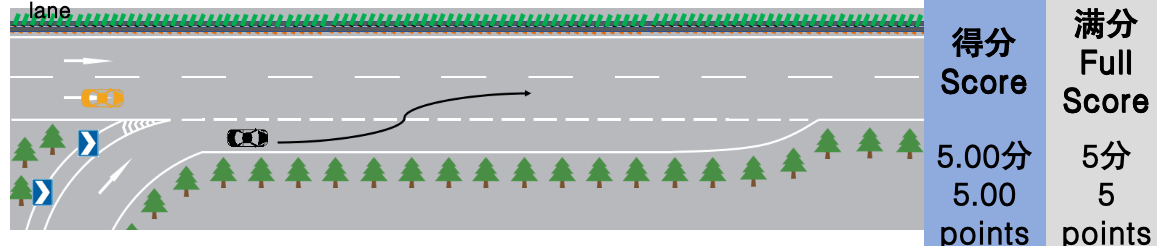
得分: 97.37分

(out of 100 points)

Score: 97.37 points

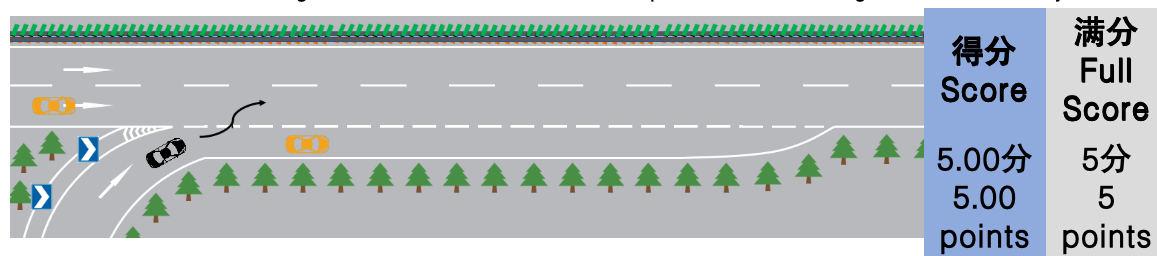
工况2: 主车所在匝道前方无环境车, 相邻车道有 1 辆环境车

Condition 2: no surrounding vehicle in front of the SV's ramp and 1 surrounding vehicle in the adjacent lane



工况4: 主车所在匝道前方有 1 辆环境车, 相邻车道有 1 辆环境车

Condition 4: 1 surrounding vehicle in front of the SV's ramp and 1 surrounding vehicle in the adjacent lane





蔚来 ES7

2022款 75kWh

⑦ 额外罚分

Additional Penalty Points

功能完成度测试
Functional Completion Test

(满分100分)

得分: 97.37分

(out of 100 points)

Score: 97.37 points

扣分项 Deduction Item		实扣分 Actual Deduction
路段内 In a section	超过道路限速 Beyond the road speed limit	0
	变道不打转向灯 Lane change without turning on the turn signal	0
	压实线 Crossing a solid line	0
	感知系统误识别导致意料之外的制动或转向 Unintended braking or steering caused by misidentification of the sensing system	0
匝道内 In ramp	压实线 Crossing a solid line	0
	感知系统误识别导致意料之外的制动或转向 Unintended braking or steering caused by misidentification of the sensing system	0
NP功能ODD适应性 ODD adaptability of NP function	在主车ODD支持路段，NP功能无法正常激活，适应性差，影响驾驶员体验 In the ODD-supported section of the TV, the NP function cannot be activated normally and is not well adapted, affecting the driver's experience	0.08



蔚来 ES7

2022款 75kWh

⑧ 额外加分

Additional bonus points

功能完成度测试
Functional Completion Test

(满分100分)

得分: 97.37分

(out of 100 points)

Score:97.37 points

加分项 Bonus Item	实加分 Actual Bonus
前方慢行车辆自主变道 Autonomous lane change due to the forward slow-moving vehicle	2
智慧避让侧方大型车辆 Intelligently avoid lateral heavy-duty vehicles	3
主车回避并行相邻车道环境车 SV avoidance of parallel surrounding vehicles in adjacent lanes	0

IVISTA 导航智能驾驶 NP测评



蔚来 ES7
2022款
75kWh



G+ 极优秀 G 优秀 A 良好 M 一般 P 较差
G+ Very Good G Good A Acceptable M Marginal P Poor



•安全护航 智慧出行

• Guard by Safety, Travel with Intelligence