Determinants and consequences of drivers' emotions
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Appendix  
Text of the scenarios

Scenario 1: Low task demand, goal incongruent, personal

You are driving on a quiet highway in the middle of the day. There is not much traffic. You do not have important meetings: you do not have to be at your destination at a specific time. You are driving in the right-hand lane and to your right is an acceleration lane. A car is driving in the acceleration lane at a high speed. When the car is almost next to you, the driver indicates direction and starts merging. You have to hit the brakes to prevent a collision.

Scenario 2: High task demand, goal congruent, situational

You are driving on a busy ring road around a big city in the rush hour. You have a meeting, so it is important that you arrive at your destination in time. It is raining heavily. Furthermore, the road is in bad condition: water is splashing up, there are large puddles of water on the road and you can hardly see a thing. The windscreen wipers are working at full speed. Then you arrive at a road section which has recently been renovated. ZOAB is used here: the kind of asphalt that absorbs water, so there does not seem to be any water on the road. Now, the viewing conditions are a lot better.

Scenario 3: High task demand, goal incongruent, personal

You are driving on a busy ring road around a big city in the rush hour. You have a meeting, so it is important that you arrive at your destination in time. You are driving in the right-hand lane and to your right is an acceleration lane. A car is driving in the acceleration lane at a high speed. When the car is almost next to you, the driver indicates direction and starts merging. You have to hit the brakes to prevent a collision.

Scenario 4: High task demand, goal incongruent, situational

You are driving on a busy ring road around a big city in the rush hour. You have a meeting, so it is important that you arrive at your destination in time. It is raining heavily. Fortunately, ZOAB is used here: the kind of asphalt that absorbs water, so there does not seem to be any water on the road. Therefore the viewing conditions are good, even though it is raining. Then you arrive at a road section which is in bad condition: water is splashing up, there are large puddles of water on the road and you can hardly see a thing. The windscreen wipers are working at full speed.
Scenario 5: Low task demand, goal congruent, personal

You are driving on a quiet highway in the middle of the day. There is not much traffic. You do not have important meetings: you do not have to be at your destination at a specific time. You are driving in the right-hand lane and to your right is an acceleration lane. A car is driving in the acceleration lane at a high speed. When the car is almost next to you, the driver indicates direction to make clear that he is planning to merge. Fortunately he brakes and merges behind you, so you can maintain your own speed.

Scenario 6: Low task demand, goal incongruent, situational

You are driving on a quiet highway in the middle of the day. There is not much traffic. You do not have important meetings: you do not have to be at your destination at a specific time. It is raining heavily. Fortunately, ZOAB is used here: the kind of asphalt that absorbs water, so there does not seem to be any water on the road. Therefore the viewing conditions are good, even though it is raining. Then you arrive at a road section which is in bad condition: water is splashing up, there are large puddles of water on the road and you can hardly see a thing. The windscreen wipers are working at full speed.

Scenario 7: High task demand, goal congruent, personal

You are driving on a busy ring road around a big city in the rush hour. You have a meeting so it is important that you arrive at your destination in time. You are driving in the right-hand lane and to your right is an acceleration lane. A car is driving in the acceleration lane at a high speed. When the car is almost next to you, the driver indicates direction to make clear that he is planning to merge. Fortunately he brakes and merges behind you, so you can maintain your own speed.

Scenario 8: Low task demand, goal congruent, situational

You are driving on a quiet highway in the middle of the day. There is not much traffic. You do not have important meetings: you do not have to be at your destination at a specific time. It is raining heavily. Furthermore, the road is in bad condition: water is splashing up, there are large puddles of water on the road and you can hardly see a thing. The windscreen wipers are working at full speed. Then, you arrive at a road section that has recently been renovated. ZOAB is used here: the kind of asphalt that absorbs water, so there does not seem to be any water on the road. Now, the viewing conditions are a lot better.