Increased Perception of Workload and Related Cognitive Functions in Drivers with Aging

Ryo NAKAMURA	Ayanori SATO	Takayı	ıki MASUDA
Yasuhiro KITAMURA	Munendo FUJIM	IICHI	Ayano SAITO

With aging, the physical and cognitive functions generally tend to decline. However, taking appropriate measures, it is possible for elderly train drivers to continue their duties safely and confidently. Therefore, the first step was to obtain fundamental data for examining measures needed to enable senior drivers to continue train driving. Based on a survey result on the perceived burden of train driver's tasks, we identified the tasks that become more burdensome with aging. Furthermore, it was revealed that the increase in burden of these tasks is associated with age-related declines in visual function, attention, decision-making skill and reaction time.