

Table 1: Data dictionary for `apollo_modeChoiceData.csv`

Individuals	500
Observations	8,000

Variable	Description	Values
ID	Unique individual ID	1 to 500
RP	RP data identifier	1 for RP, 0 for SP
SP	SP data identifier	1 for SP, 0 for RP
RP_journey	Index for RP observations	1 to 2, NA for SP
SP_task	Index for SP observations	1 to 14, NA for RP
av_car	availability for alternative 1 (car)	1 for available, 0 for unavailable
av_bus	availability for alternative 2 (bus)	1 for available, 0 for unavailable
av_air	availability for alternative 3 (air)	1 for available, 0 for unavailable
av_rail	availability for alternative 4 (rail)	1 for available, 0 for unavailable
time_car	travel time (mins) for alternative 1 (car)	Min: 250, mean: 311.79, max: 390 (0 if not available)
cost_car	travel cost (£) for alternative 1 (car)	Min: 30, mean: 39.99, max: 50 (0 if not available)
time_bus	travel time (mins) for alternative 2 (bus)	Min: 300, mean: 370.29, max: 420 (0 if not available)
cost_bus	travel cost (£) for alternative 2 (bus)	Min: 15, mean: 25.02, max: 35 (0 if not available)
access_bus	access time (mins) for alternative 2 (bus)	Min: 5, mean: 15.02, max: 25 (0 if not available)
time_air	travel time (mins) for alternative 3 (air)	Min: 50, mean: 70.07, max: 90 (0 if not available)
cost_air	travel cost (£) for alternative 3 (air)	Min: 50, mean: 79.94, max: 110 (0 if not available)
access_air	access time (mins) for alternative 3 (air)	Min: 35, mean: 45.02, max: 55 (0 if not available)
service_air	service quality for alternative 3 (air)	1 to 3 (0 if not available)
time_rail	travel time (mins) for alternative 4 (rail)	Min: 120, mean: 142.93, max: 170 (0 if not available)
cost_rail	travel cost (£) for alternative 4 (rail)	Min: 35, mean: 55.03, max: 75 (0 if not available)
access_rail	access time (mins) for alternative 4 (rail)	Min: 5, mean: 14.96, max: 25 (0 if not available)
service_rail	service quality for alternative 4 (rail)	1 to 3 (0 if not available)
female	dummy variable for female individuals	1 for female, 0 otherwise
business	dummy variable for business trips	1 for business trips, 0 otherwise
income	income variable (£ per annum)	Min: 15,490, mean: 44,748.27, max: 74,891
choice	choice variable	1 for car, 2 for bus, 3 for air, 4 for rail