S1 Table. Landcover, road class and their corresponding speeds for modelling travel times

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| --- | --- | --- | --- |
| Description  | Description  | Speed in km/h | Mode of transport |
| Landcover  | Forest | 3 | WALKING |
| Savanna | 5 | WALKING |
| Wetland | 1 | WALKING |
| Steppe | 5 | WALKING |
| Agriculture | 5 | WALKING |
| Water bodies | 0 | WALKING |
| Bare soil | 5 | WALKING |
| Settlements | 6 | WALKING |
| Irrigated agriculture | 4 | WALKING |
| Gallery forest and riparian forest | 2 | WALKING |
| Agriculture inn shallows and recession | 5 | WALKING |
| Woodland | 3 | WALKING |
| Sahelian short grass savanna | 5 | WALKING |
| Open mine | 1 | WALKING |
| Road  | Primary | 100 | MOTORISED |
| Secondary | 50 | MOTORISED |
| Tertiary | 30 | MOTORISED |
| Track | 10 | CYCLING |