**Supplementary Table 9** Future GDP growth scenario of China (unit: %)

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Growth rate | 2021-2025 | 2026-2030 | 2031-2035 | 2036-2040 | 2041-2050 | 2051-2060 |
| Low | 5.0 | 4.5 | 4.5 | 3.5 | 2.5 | 1.5 |
| Middle | 5.6 | 5.5 | 4.5 | 4.5 | 3.4 | 2.4 |
| High | 6.0 | 5.5 | 5.0 | 5.0 | 4.5 | 4.0 |

Data derived from Wei Y.M., Liao H., Yu B.Y., et al. China Energy Report (2018): Research on green transformation of energy-intensive sectors[M]. Beijing: Science Press, 2018.