

????4? ?????????????????????????

???????CWG????????????????

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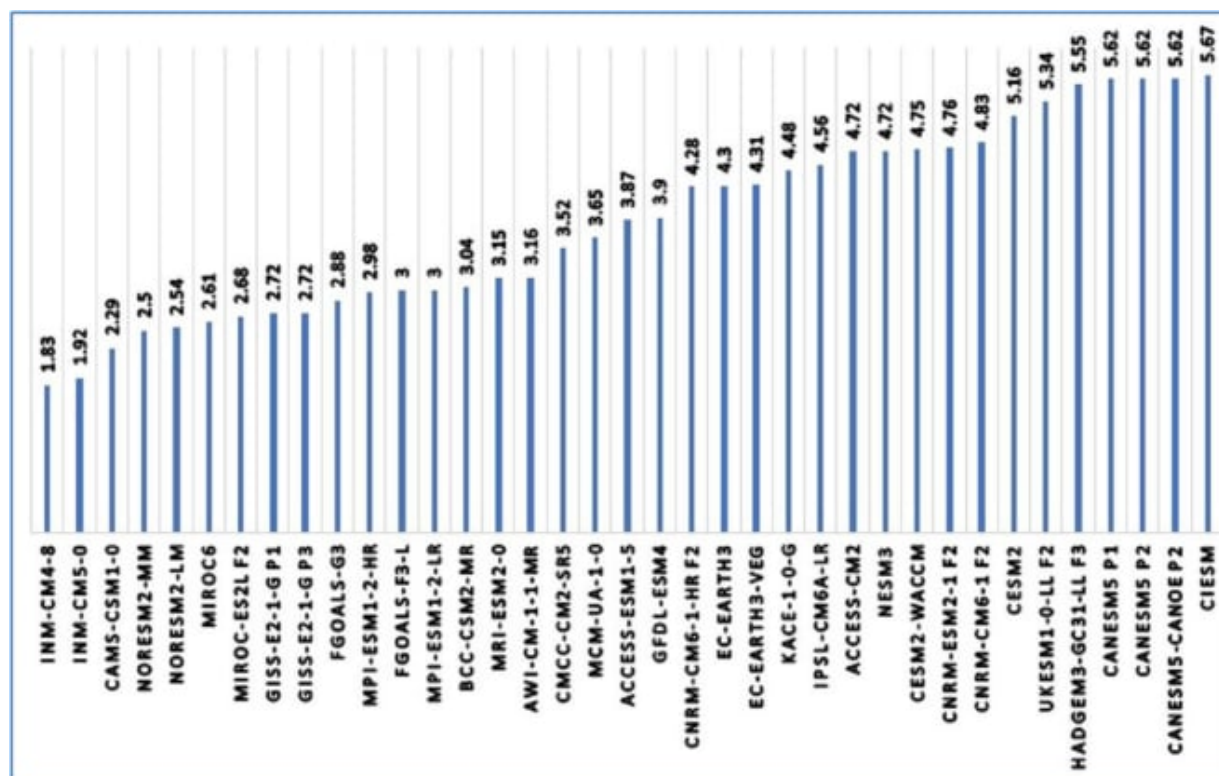
????????????????????ECS????CO2????????????????AR5?AR6????IPCC??5??6??????

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AR6?ECS????????????????4.0????AR5?4.5????????????????????????????????
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?4.1 CMIP6???????37????????????????

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????Scafetta, 2021?

???4.1??MPI-

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Mauritsen?Roeckner?2020????????????MPI????????????????

????????????????????????????TCR??ECS????????????????????????AR6??TCR????????
 ??????1.2?2.4????????ECS????TCR????????????????????Lewis?2023????TCR??1.2
 5?2.0????ECS??AR6????????????

??????21????????????75????????CO2????????????????????CO2????????IPC
 C?1.2?2.4??Lewis?1.25?2.0????????????????????

????IPCC????Lewis??CWG????????
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