The value of statistical downscaling in subseasonal temperature forecasts: insights from the Paris 2024 Olympics

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| Table 1: Summary of the study | | |
|-------------------------------|---|-----|
| Downscaling methods | ★ Bias correction ★ Linear regression ★ Logistic regression ★ Analogs | |
| Variable | Temperature | 1 |
| Prediction system | CFSv2 (Res:~0.937x~0.937, 12 ensemble members) | 8 |
| Hindcast period | 1999-2018 | ÷., |
| Reference data | CERRA (0.05° x 0.05°) | • |
| Lead time | 0 , 1 , 2 , 3 -> (1 , 2 , 3 , 4 weeks before the mid-day of the target week) | |
| Skill metrics | ★ Brier score 10%★ Brier score 90% | : |
| Target weeks | ★ 3rd week of July ★ 4th week of July ★ 1st week of August | |

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