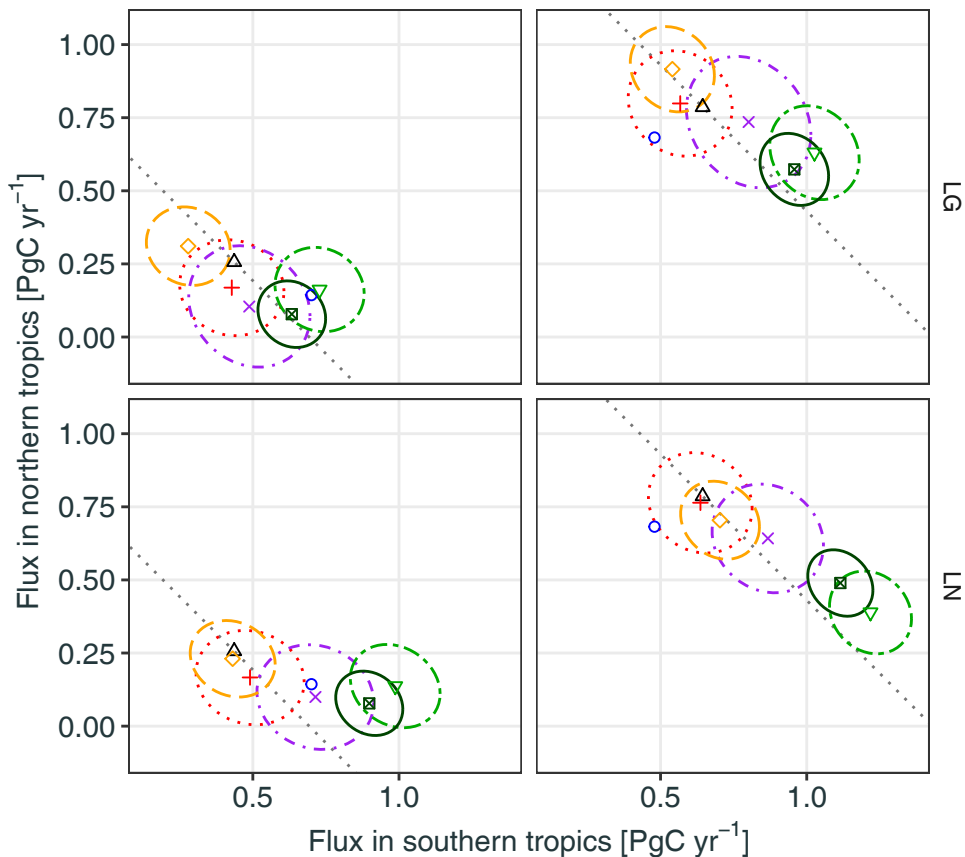Figure legend:

- ○ Prior mean
- △ Truth
- + Bias correction/correlated errors
- ✕ No bias correction/correlated errors
- ◇ Bias correction/uncorrelated errors
- ▽ No bias correction/uncorrelated errors
- ⊠ No bias correction/uncorrelated errors/fixed hyperparameters
- ⋯ True total flux

Axis labels: Flux in southern tropics [PgC yr^{-1}] (x-axis), Flux in northern tropics [PgC yr^{-1}] (y-axis). Panel columns: 2015, 2016. Panel rows: LG, LN.