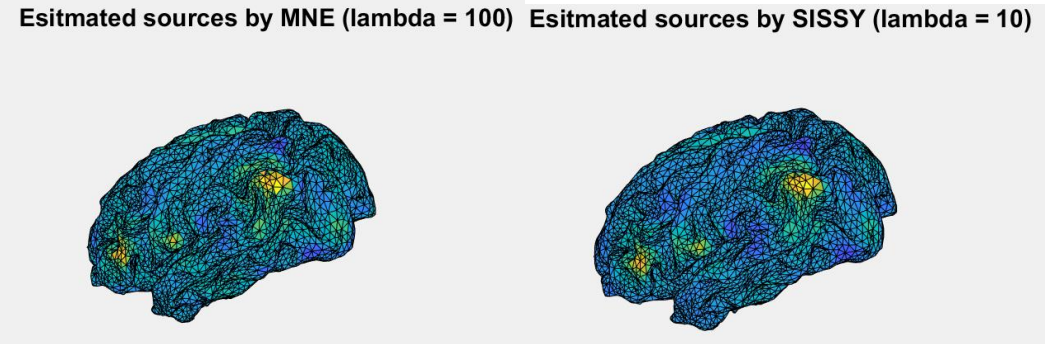
TP3-Analyses la performance et comparaison des algorithmes étudiés

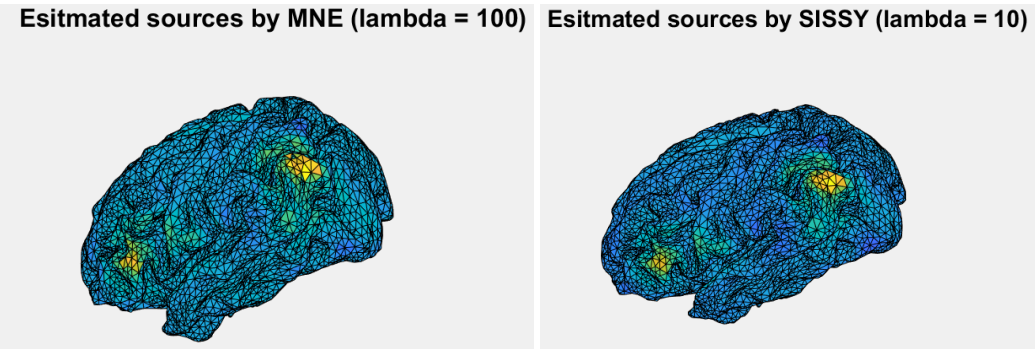
2.1 Comparaison qualitative

1. Avec bruit Gaussien ajouté

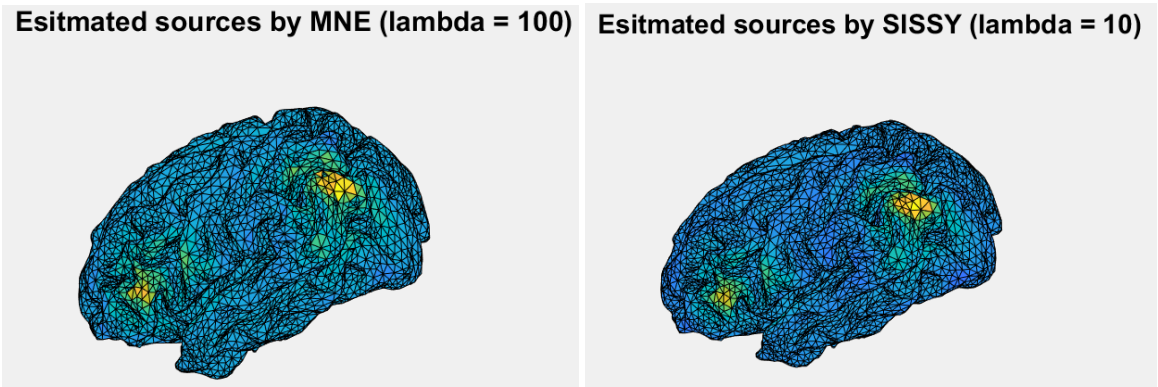
RSB = 0.1



RSB = 1

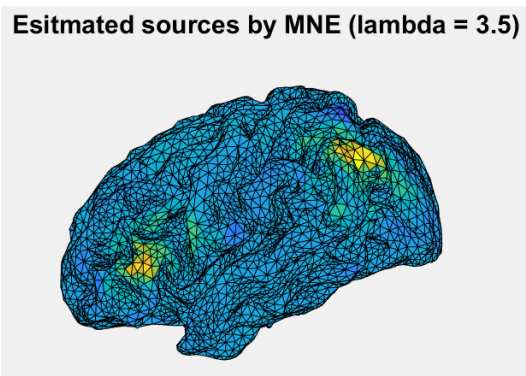


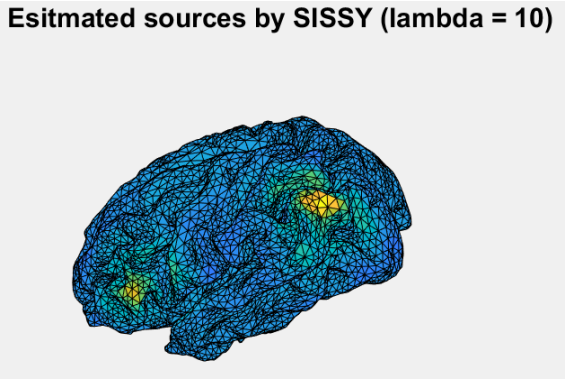
RSB = 10



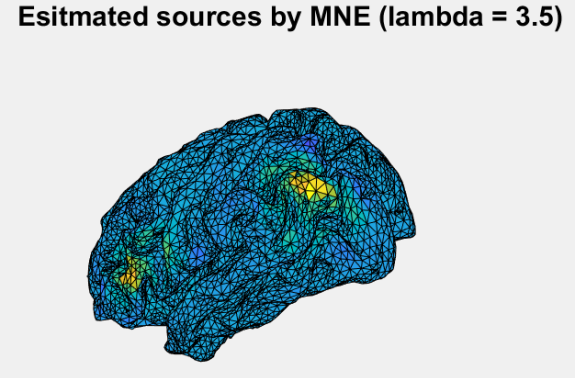
2. Avec bruit Gaussien spatialement corrélé.

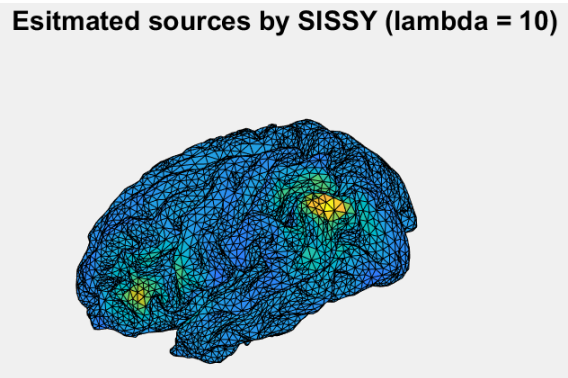
RSB = 0.1



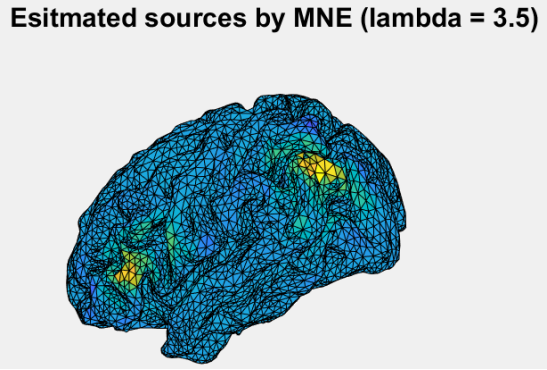


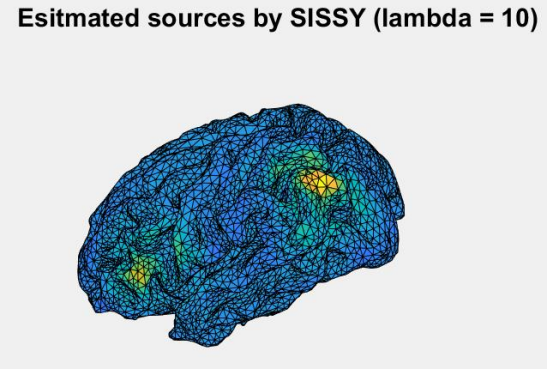
RSB = 1





RSB = 10



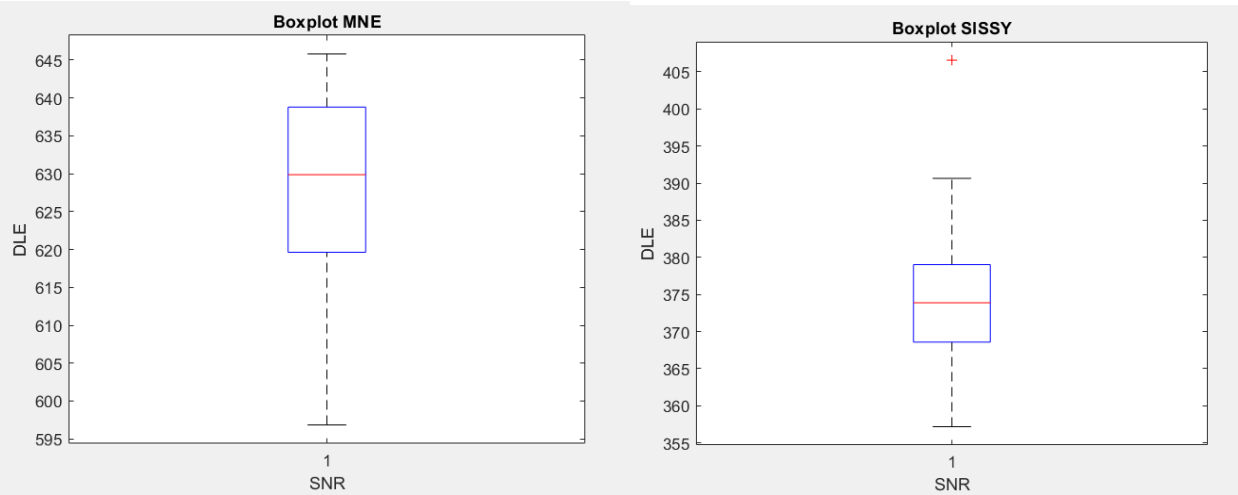


3. Conclusion:

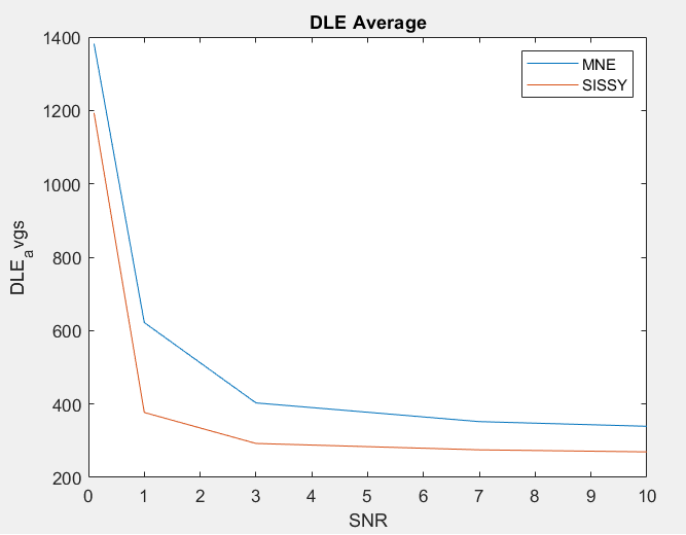
- Avec les différentes configurations de bruit, on voit les deux algorithmes ayant près que les mêmes performances.

2.2 Comparaison quantitative

3. DLEs des algorithmes dans plusieurs configurations du bruit.



4. Variations des valeurs du SNR



5. Conclusion

En basant sur la critère DLE, on constate que l'algorithme de SISSY est un peu plus performance de celle de MNE.