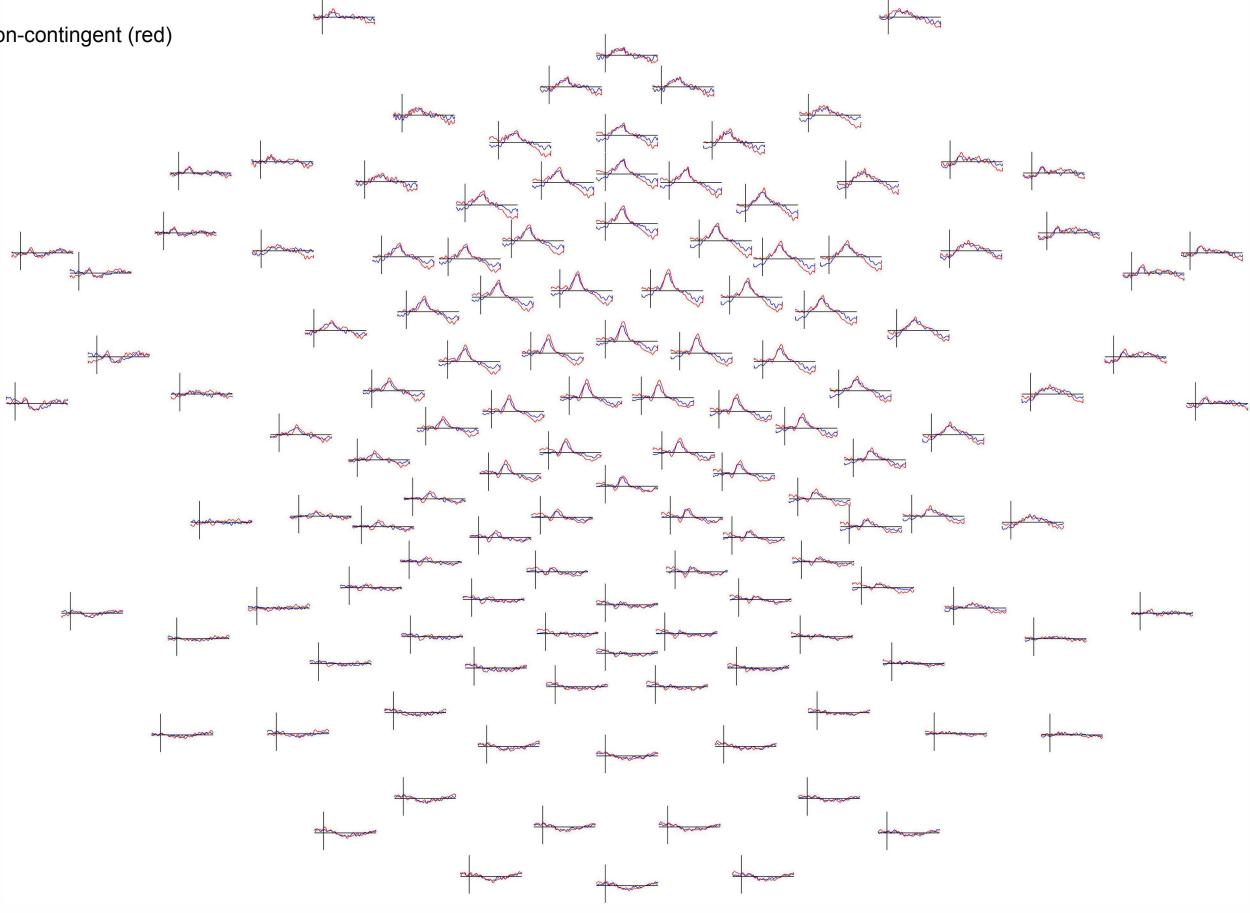
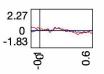
Supplemental Information C. A depiction of the ERPs from all electrodes show a clear onset response to all stimuli in all groups

Adult group: Infant contingent (blue) vs Infant non-contingent (red)



23-Dec-2020 GA\_A\_InfCont\_MS\_ERP=b GA\_A\_In<del>هموCont\_۵۵</del>S\_ERP=r xlim=[-0.1 0.6] ylim=[-1.83 2.27]

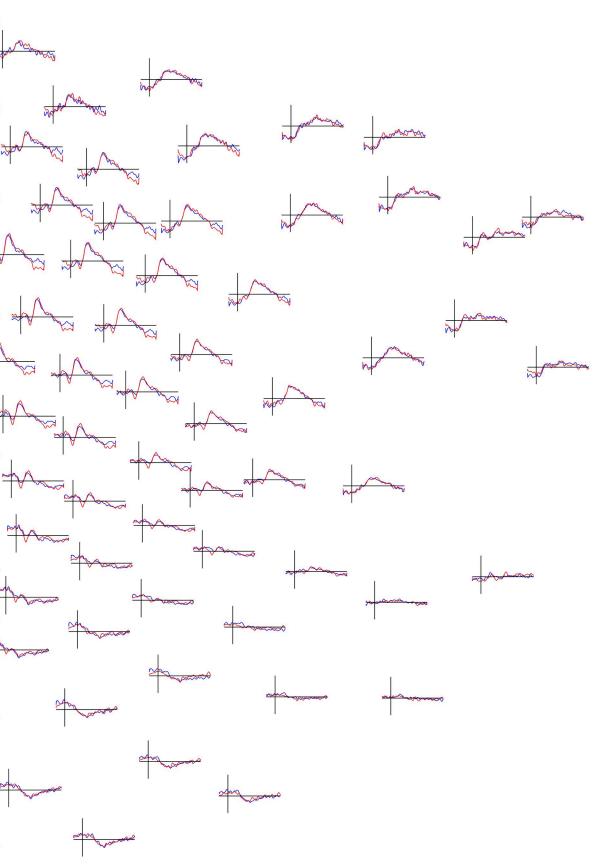


Adult group: Adult contingent (blue) vs Adult non-contingent (red)

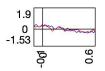
mon m A mythoney how Dord

www.

23-Dec-2020 GA\_A\_AdCont\_MS\_ERP=b GA\_A\_Ad<del>NonCont\_M</del>S\_ERP=r xlim=[-0.1 0.6] ylim=[-1.53 1.9]



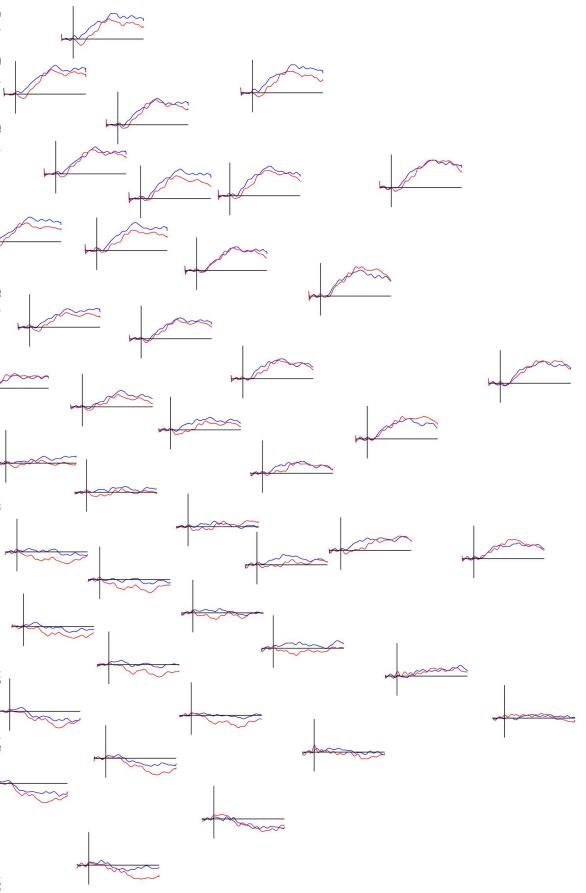
north

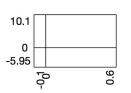


6 month olds: Infant contingent (blue) vs Infant non-contingent (red)

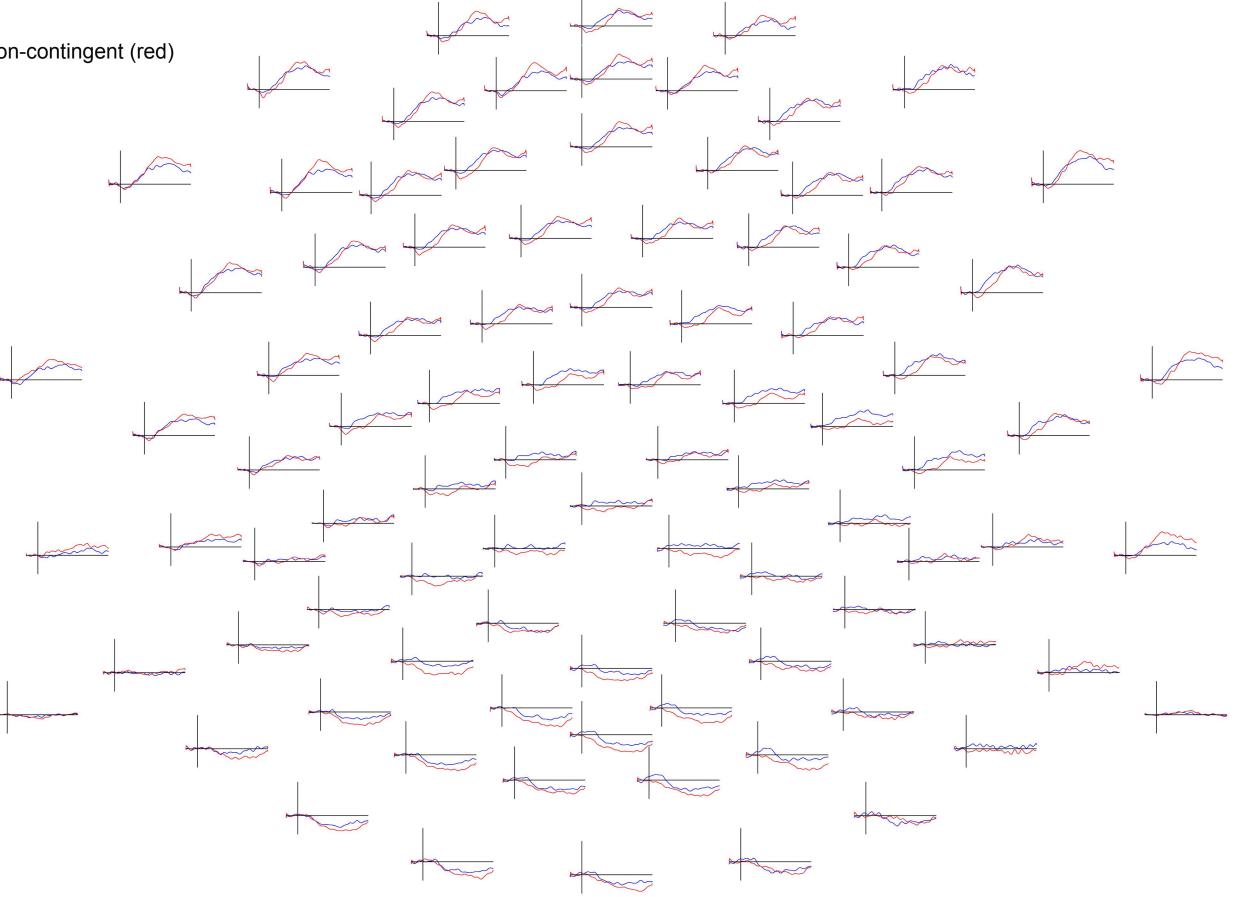
 $\sim$ ~ ~ m 5am

23-Dec-2020 GA\_6\_InfCont\_MS\_ERP=b GA\_6\_InfNonCont\_MS\_ERP=r xlim=[-0.1 0.6] ylim=[-5.95 10.1]

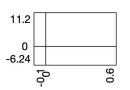




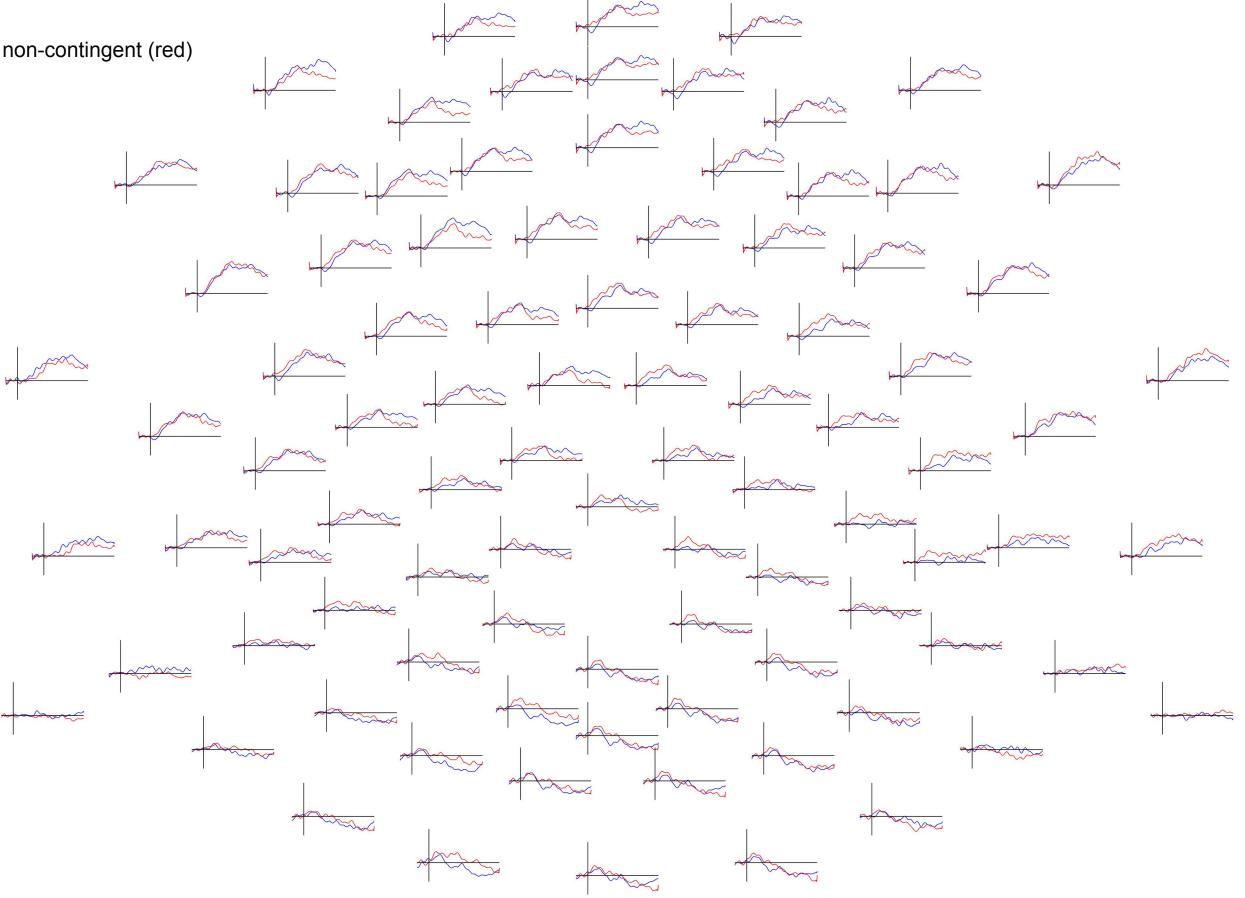
6 month olds: Adult contingent (blue) vs Adult non-contingent (red)



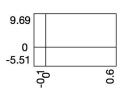
23-Dec-2020 GA\_6\_AdCont\_MS\_ERP=b GA\_6\_AdNonCont\_MS\_ERP=r xlim=[-0.1 0.6] ylim=[-6.24 11.2]



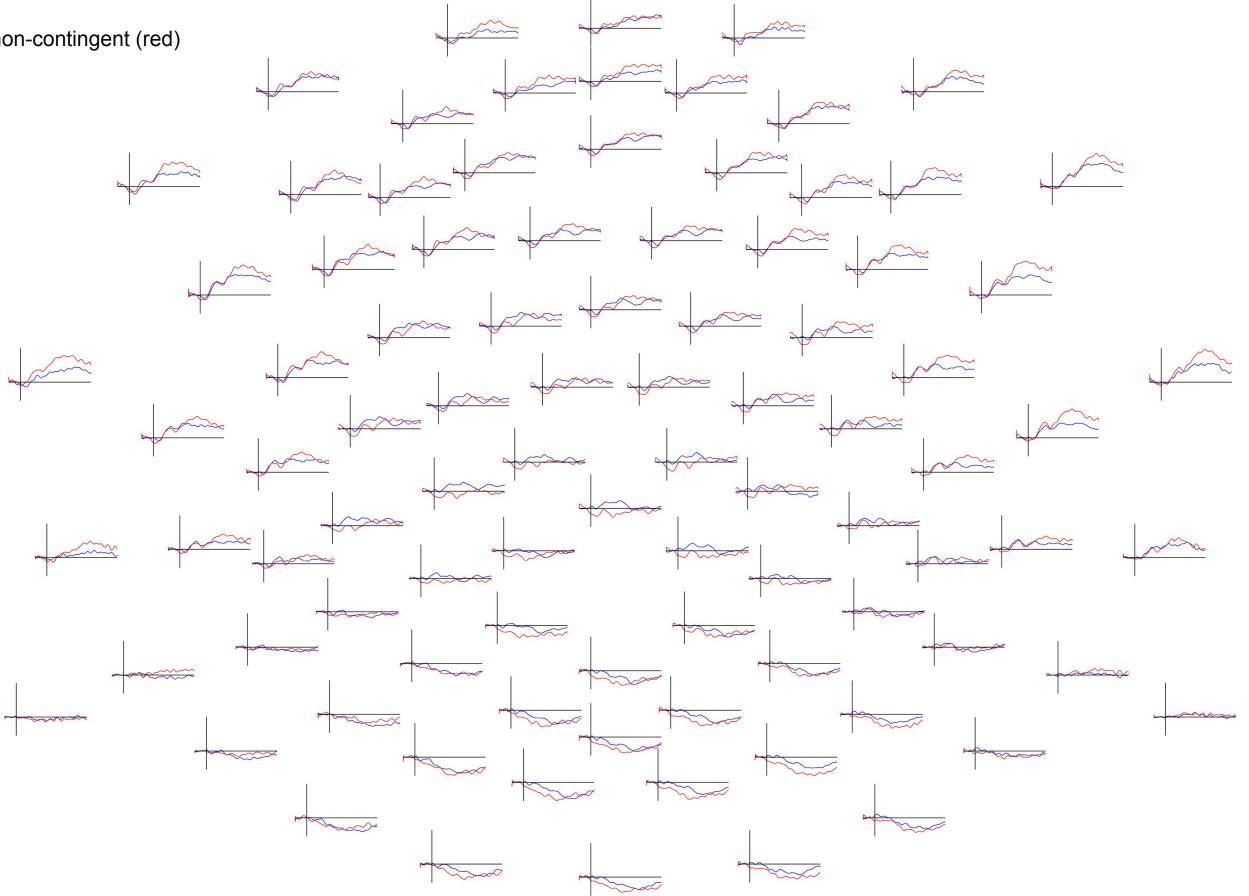
9 month olds: Infant contingent (blue) vs Infant non-contingent (red)



23-Dec-2020 GA\_9\_InfCont\_MS\_ERP=b GA\_9\_InfNonCont\_MS\_ERP=r xlim=[-0.1 0.6] ylim=[-5.51 9.69]



9 month olds: Adult contingent (blue) vs Adult non-contingent (red)



23-Dec-2020 GA\_9\_AdCont\_MS\_ERP=b GA\_9\_AdNonCont\_MS\_ERP=r xlim=[-0.1 0.6] ylim=[-5.95 10.9]

