

Supplementary Figure 3. 3D/4D perfusion-gradient landscape for fluid intelligence

GM-WM cerebral blood-flow gap, fluid intelligence, local density, and reaction time

x = GM-WM cerebral blood-flow gap
y = fluid intelligence at imaging visit
z = local participant density
colour = mean reaction time
within each local bin

SES/med cross single: $p = 0.0039$, $FDR = 0.0155$
SES/med cross joint: $p = 0.0446$, $FDR = 0.1190$
Fluid support weakened after baseline adjustment.

