

$\left(\frac{1}{\sqrt{1 - 0.36/42}} \right) \left(\frac{0.24 - 0.47}{\sqrt{0.36/42 - 0.36/42}} \right) = -4.8 / -6$
 < 0.05 (two-tailed test).
 $t_{(59)}(0.24, 0.47) = 3.06$

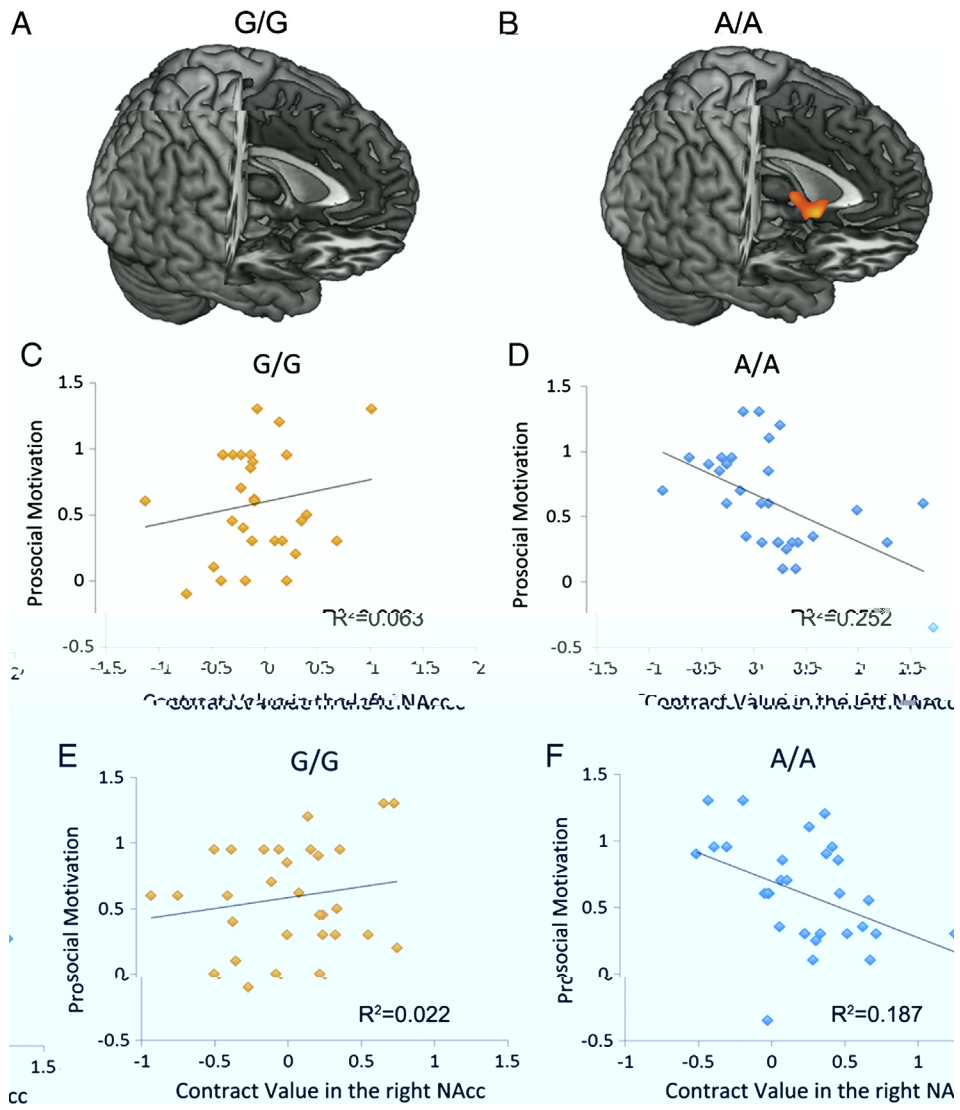


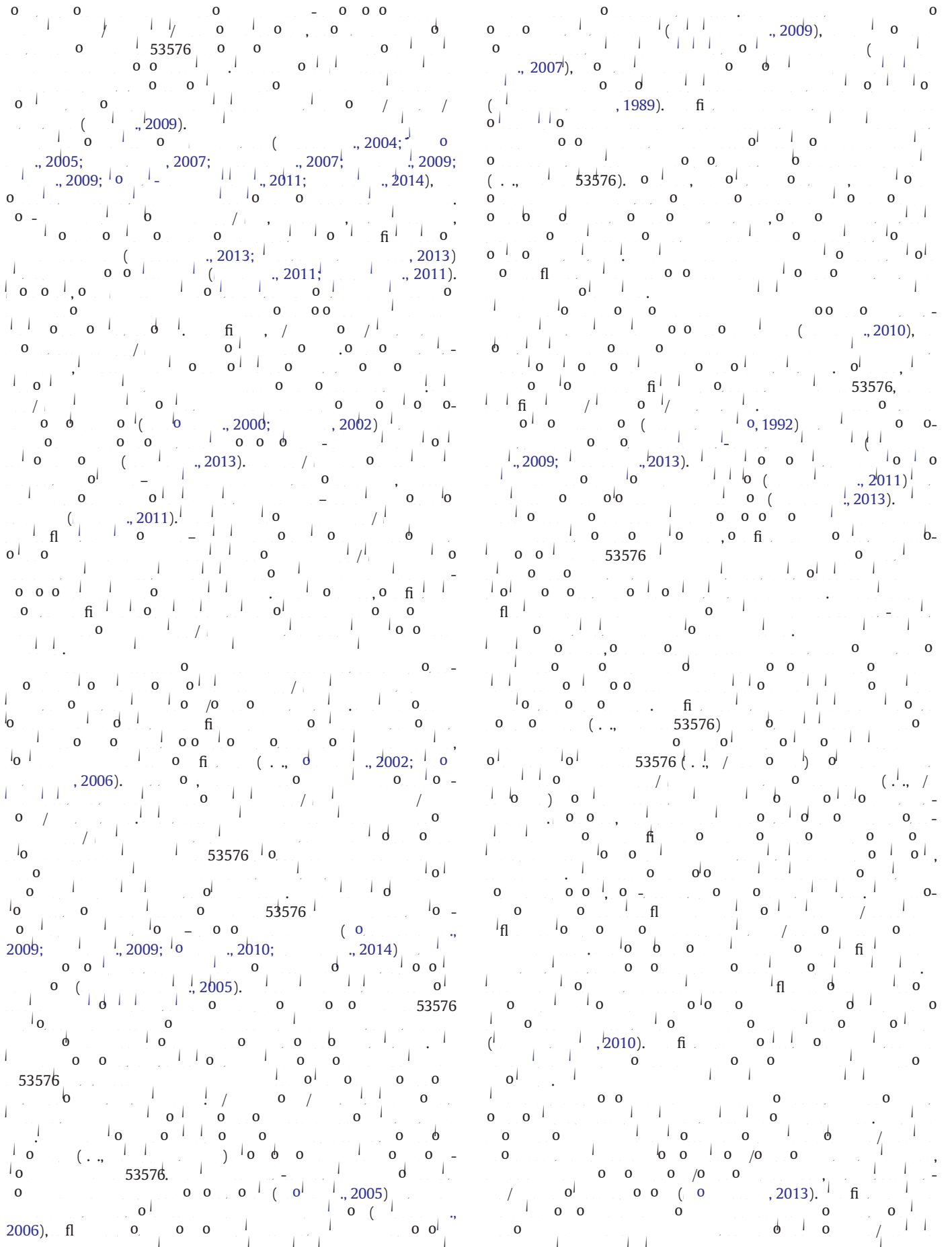
Fig. 4. Prosocial motivation is associated with contract values in the NAcc. (A) Brain scan of a G/G individual showing the NAcc region. (B) Brain scan of an A/A individual showing the NAcc region. (C) Scatter plot for G/G genotype showing Prosocial Motivation (Y-axis, -0.5 to 1.5) versus Contract Value in the left NAcc (X-axis, -1.5 to 2). $R^2 = 0.063$. (D) Scatter plot for A/A genotype showing Prosocial Motivation (Y-axis, -0.5 to 1.5) versus Contract Value in the left NAcc (X-axis, -1.5 to 1.5). $R^2 = 0.252$. (E) Scatter plot for G/G genotype showing Prosocial Motivation (Y-axis, -0.5 to 1.5) versus Contract Value in the right NAcc (X-axis, -1 to 1.5). $R^2 = 0.022$. (F) Scatter plot for A/A genotype showing Prosocial Motivation (Y-axis, -0.5 to 1.5) versus Contract Value in the right NAcc (X-axis, -1 to 1). $R^2 = 0.187$.

$r = 0.67$, $p < 0.001$, $n = 59$, $t = 2.35$, $p < 0.05$.
 $r = 0.60$, $p < 0.001$, $n = 58$, $t = 2.35$, $p < 0.05$.
 $r = 0.20$ & 0.47 , $p > 0.6$.
 $r = -0.50$, $p < 0.005$.

$r = -0.43$, $p < 0.05$, $n = 4$.
 $r = 0.25$, $p = 0.18$, $n = 5$.
 $r = 0.15$, $p = 0.43$, $n = 4$.
 $r = 0.43$, $p = 0.4$, $n = 5$.

Discussion

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o o o o o o (, 2002;
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30,
3227-3237.
2007.
316, 1622-1625.
2010.
68, 149-160.
2006.
31, 859-866.
2002.
53,
575-604.
2010.
30, 4999-5007.
1992.
89, 5981-5985.
2009.
13,
524-531.
2005.
24, 771-779.
2002.
32, 1208-1223.
2010.
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107, 15717-15721,
2011.
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2, 665-672.
2015.
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