



Figure 10. Mean \pm SEM of the number of axonal branch points in the primary somatosensory cortex in response to the axonal length. The number of axonal branch points increases linearly with axonal length in all four groups. The regression lines are shown in each graph. The regression equation and the coefficient of determination (r^2) are shown in each graph. The regression equation for (a) is $y = 0.0001x + 0.94$ ($r^2 = 0.99$), for (b) is $y = 0.0001x + 2.7$ ($r^2 = 0.99$), for (c) is $y = 0.0001x + 1.2$ ($r^2 = 0.99$), and for (d) is $y = 0.0001x + 1.4$ ($r^2 = 0.99$). The regression equation for (a) is $y = 0.0001x + 0.94$ ($r^2 = 0.99$), for (b) is $y = 0.0001x + 2.7$ ($r^2 = 0.99$), for (c) is $y = 0.0001x + 1.2$ ($r^2 = 0.99$), and for (d) is $y = 0.0001x + 1.4$ ($r^2 = 0.99$). The regression equation for (a) is $y = 0.0001x + 0.94$ ($r^2 = 0.99$), for (b) is $y = 0.0001x + 2.7$ ($r^2 = 0.99$), for (c) is $y = 0.0001x + 1.2$ ($r^2 = 0.99$), and for (d) is $y = 0.0001x + 1.4$ ($r^2 = 0.99$).