



**Supplementary Figure S1.** Statistical data about the importance of autism spectrum disorder (ASD). **(a)** The prevalence (per 1,000; in 8-year-old children) based upon the data of Center for Disease Control and Prevention, USA [1-3]. It increased from 4.5 per 10,000 children in 1966 with a 2.6:1 boy to girl ratio [4] to 18.5 per 1,000 (one in 54) children aged 8 years in 2016 with 4.3:1 boy to girl ratio [2], showing an annual growth rate of 0.42% [1]. **(b)** The incremental annual per-child cost (USD) of ASD [5, 6]. **(c)** Increasing appearance of ASD in PubMed search with keywords „autism” or „ASD” and „date of publication”. **(d)** Estimated lifetime cost of ASD in USA [7]. Whiskers represent interval.

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