

Depression in Traumatic Brain Injury

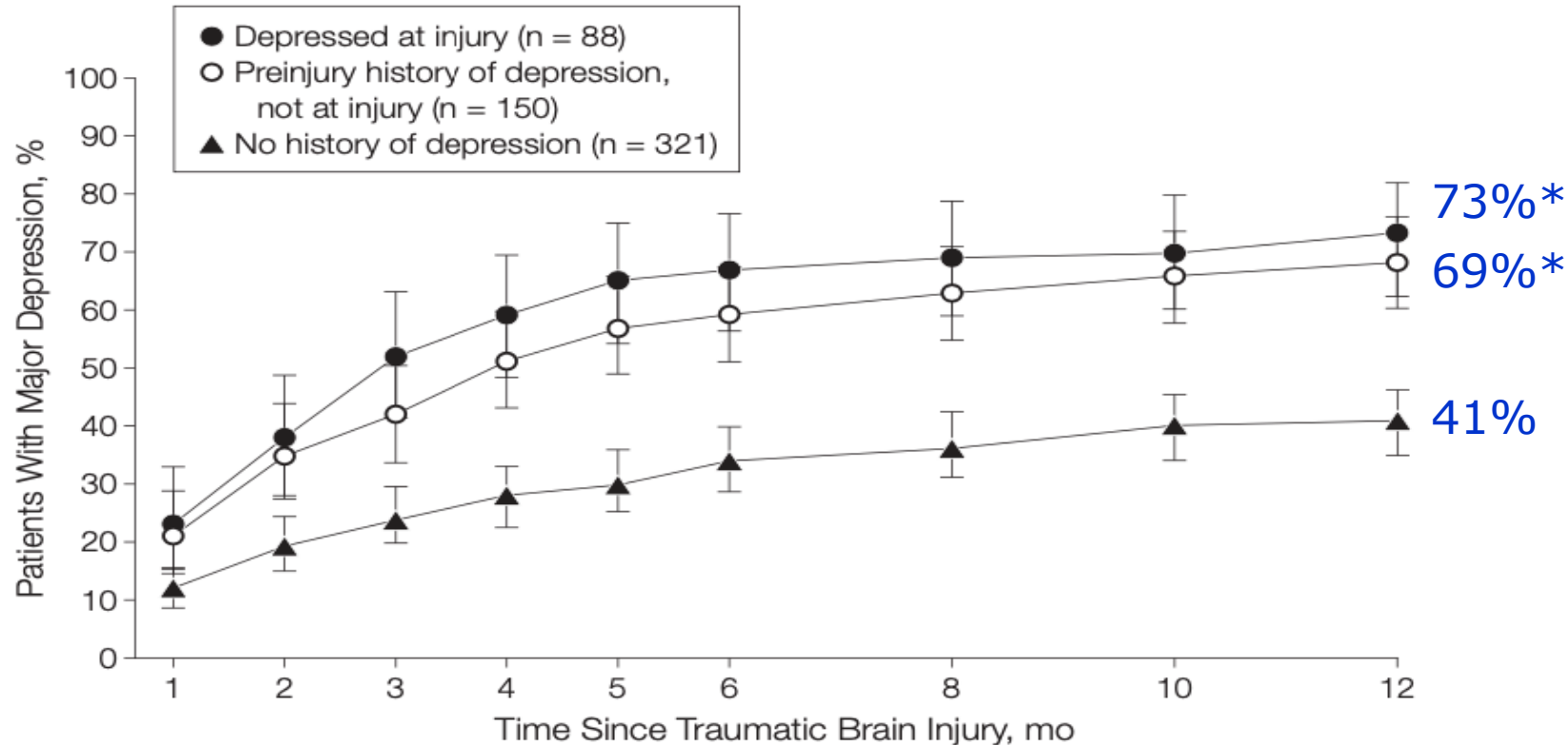
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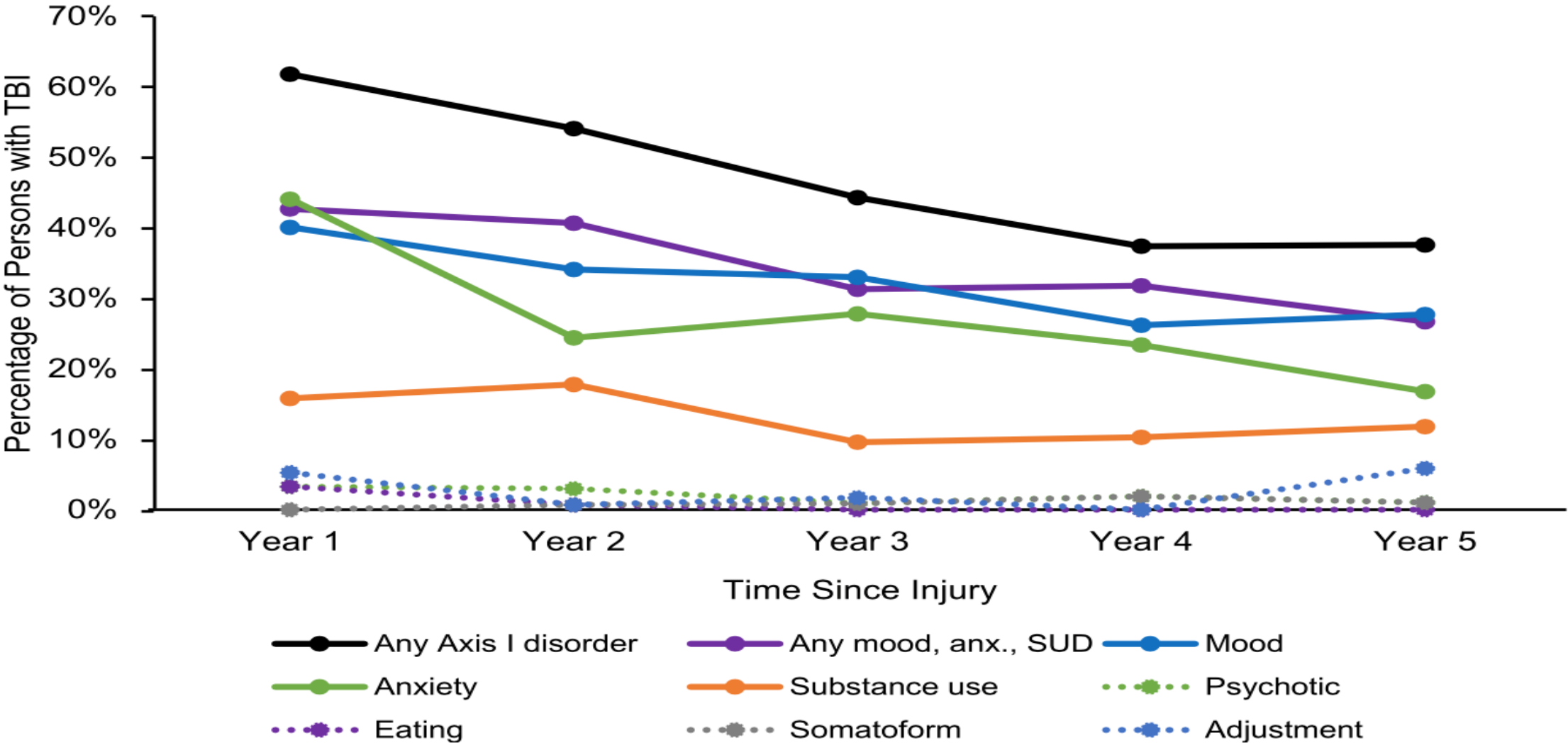
Rates of Post-TBI Depression by Preinjury History

Figure 3. Cumulative Rate of Major Depression After Traumatic Brain Injury as a Function of Depression History (N=559)



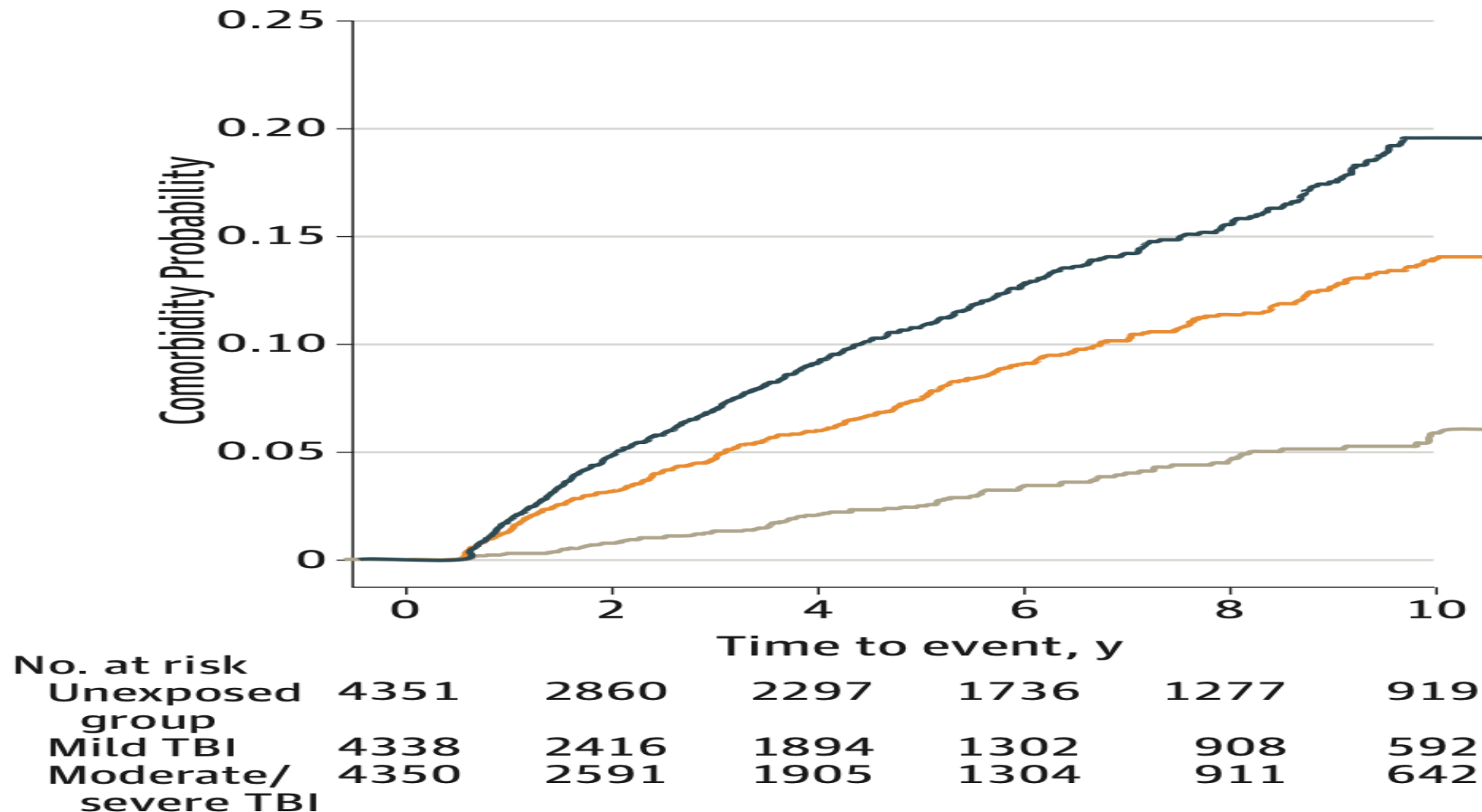
There were significant differences in depression rates between groups as shown in Table 1. Error bars indicate 95% confidence intervals.

Prevalence of Psychiatric Disorders During the First Five Years after TBI



Alway et al Psychol Med 2016; Figure from Howlett et al Biol Psychiat 2022

Incidence of Depression Within 10 Years of TBI



Increased Risk of Post-TBI MDD after 50 years

- A long-term study of U.S. veterans showed that 18.5% of the soldiers who sustained head injury during WWII went on to have a lifetime history of major depression vs 13.4% among those with no head injury, after controlling for demographic and health factors.
- Current major depression was observed in 11.2% of veterans with WWII head injury versus 8.5% of those without WWII head injury.

Depression-Related Conditions and Negative Outcomes in TBI

