ABSTRACT: Let $T$ be a transverse knot in $(Y, \xi)$ which is the binding of some open book, $(T, \pi)$, for the ambient contact manifold $(Y, \xi)$. In this talk, we show that the transverse invariant, defined by Lisca, Ozsvath, Stipsicz, and Szabo (LOSS), is nonvanishing for such transverse knots. We will also discuss a vanishing theorem for the invariants defined by LOSS. As a corollary, we will see that if $(T, \pi)$ is an open book with connected binding, then the complement of $T$ has no Giroux torsion. Time permitting, we will also talk about a generalization of this theorem which removes the connected binding condition.