ERRATUM TO THE PUBLISHED VERSION OF "LEFSCHETZ THEOREMS FOR TAMELY RAMIFIED COVERINGS"

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In Theorem 6.1 we forgot to mention that Y is a complete intersection of ample divisors. Theorem 6.1 should read:

Theorem 6.1 (Drinfeld's theorem, [1, Prop. C.2]). Let X be a geometrically irreducible projective variety over a finite field k, let $D \subset X$ be a divisor, and let $\Sigma \subset D$ be a closed subscheme of codimension ≥ 1 in D, such that $X \setminus \Sigma$ and $D \setminus \Sigma$ are smooth. Then any geometrically irreducible curve $Y \subset X$ which intersects D in $D \setminus \Sigma \cap D$, and which is a complete intersection of ample divisors in good position with respect to $D \setminus \Sigma$, has the property that the restriction to $Y \setminus D \cap Y$ of any finite étale connected cover of $X \setminus D$, which is tamely ramified along $D \setminus \Sigma$, is connected.

References

 V. Drinfeld, On a conjecture of Deligne, Mosc. Math. J. 12 (2012), no. 3, 515–542, 668. MR 3024821

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