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In Remark 6.11, we point out that our results imply that the rank of $H^n(X, W\mathcal{O}_X)$ (equal to the rank of $H^0(X, \Omega_X^n)$) is a birational invariant of connected smooth projective varieties over a finite field.

In fact, Ekedahl had already proved this (and more) in Sur le groupe fondamental d'une variete unirationelle, Comptes Rendue 297(1983), no 12, pp. 627-629.