GWAS-Metric	Stat	Formula (Eq. $\#$)
GM (Eq. 110)	mean	$2\sum_{a\in\mathcal{A}}F^{\mathrm{GM}}(a) (114)$
		where $F^{GM}(a) = 2(1 - f_a)^3 f_a + 2f_a^3 (1 - f_a) + (1 - f_a)^2 f_a^2$
	variance	$2\sum_{a\in\mathcal{A}} F^{GM}(a)[1-2F^{GM}(a)]$ (116)
		where $F^{GM}(a) = 2(1 - f_a)^3 f_a + 2f_a^3 (1 - f_a) + (1 - f_a)^2 f_a^2$
AM (Eq. 111)	mean	$2\sum_{a\in\mathcal{A}}F^{\mathrm{AM}}(a) (119)$
		where $F^{AM}(a) = (1 - f_a)^3 f_a + f_a^3 (1 - f_a) + (1 - f_a)^2 f_a^2$
	variance	$\sum_{a \in \mathcal{A}} \left[G^{\text{AM}}(a) - 4 \left(F^{\text{AM}}(a) \right)^2 \right] (121)$
		where $F^{AM}(a) = (1 - f_a)^3 f_a + f_a^3 (1 - f_a) + (1 - f_a)^2 f_a^2$ and
		$G^{AM}(a) = (1 - f_a)^3 f_a + f_a^3 (1 - f_a) + 2(1 - f_a)^2 f_a^2$
TiTv (Eq. 112)	mean	$ (\gamma_0 + \gamma_2 + 2\gamma_1) \sum_{a \in \mathcal{A}} F^{\text{TiTv}}(a) + \left[\frac{3}{2} (\gamma_0 + \gamma_2) + 2\gamma_1 \right] \sum_{a \in \mathcal{A}} G^{\text{TiTv}}(a) $ (135)
		where $F^{\text{TiTv}}(a) = (1 - f_a)^3 f_a + f_a^3 (1 - f_a)$ and $G^{\text{TiTv}}(a) = (1 - f_a)^2 f_a^2$
	variance	$ \left[\frac{1}{4}(\gamma_0 + \gamma_2) + \gamma_1\right] \sum_{a \in \mathcal{A}} F^{\text{TiTv}}(a) + \left[\frac{9}{8}(\gamma_0 + \gamma_2) + 2\gamma_1\right] \sum_{a \in \mathcal{A}} G^{\text{TiTv}}(a) + \sum_{a \in \mathcal{A}} \left(\left[\gamma_0 + \gamma_2 + 2\gamma_1\right] F^{\text{TiTv}}(a) + \left[\frac{3}{2}(\gamma_0 + \gamma_2) + 2\gamma_1\right] G^{\text{TiTv}}(a) \right)^2 $ (137)
		where $F^{\text{TiTv}}(a) = (1 - f_a)^3 f_a + f_a^3 (1 - f_a)$ and $G^{\text{TiTv}}(a) = (1 - f_a)^2 f_a^2$