GWAS-Metric	Stat	Formula $\sim$ (Eq.)
GM	mean	$\boxed{2\sum_{a\in\mathcal{A}} F(a)} \sim (\mathbf{110})$ where $F(a) = 2(1-f_a)^3 f_a + 2f_a^3(1-f_a) + (1-f_a)^2 f_a^2$
GM	variance	$\boxed{2\sum_{a\in\mathcal{A}} F(a)[1-2F(a)]} \sim (\mathbf{110})$ where $F(a) = 2(1-f_a)^3 f_a + 2f_a^3(1-f_a) + (1-f_a)^2 f_a^2$
AM	mean	$\boxed{2\sum_{a\in\mathcal{A}} F(a)} \sim (\mathbf{115})$ where $F(a) = (1-f_a)^3 f_a + f_a^3(1-f_a) + (1-f_a)^2 f_a^2$
AM	variance	$\boxed{\sum_{a\in\mathcal{A}}[G(a) - 4F^2(a)]} \sim (\mathbf{115})$ where $F(a) = 2(1-f_a)^3 f_a + 2f_a^3(1-f_a) + (1-f_a)^2 f_a^2$ and $G(a) = (1-f_a)^3 f_a + f_a^3(1-f_a) + 2(1-f_a)^2 f_a^2$
TiTv	mean	$\boxed{(\gamma_0+\gamma_2+2\gamma_1)\sum_{a\in\mathcal{A}} F(a) + \left[\frac{3}{2}(\gamma_0+\gamma_2)+2\gamma_1\right]\sum_{a\in\mathcal{A}} G(a)} \sim (\mathbf{131})$ where $F(a) = (1-f_a)^3 f_a + f_a^3(1-f_a)$ and $G(a) = (1-f_a)^2 f_a^2$
TiTv	mean	$\boxed{\begin{aligned} &\left[\frac{1}{4}(\gamma_0+\gamma_2)+\gamma_1\right]\sum_{a\in\mathcal{A}} F(a) + \left[\frac{9}{8}(\gamma_0+\gamma_2)+2\gamma_1\right]\sum_{a\in\mathcal{A}} G(a) \\ &+\sum_{a\in\mathcal{A}}\left([\gamma_0+\gamma_2+2\gamma_1]F(a) + \left[\frac{3}{2}(\gamma_0+\gamma_2)+2\gamma_1\right]G(a)\right)^2 \end{aligned}} \sim (\mathbf{131})$ where $F(a) = (1-f_a)^3 f_a + f_a^3(1-f_a)$ and $G(a) = (1-f_a)^2 f_a^2$