Problems: b' is not unique, because b = Gxy + (G(xx)-I) = is also a solution to XXb=X'y XXGXY = XX Xx (Gxy + (6(xx)-1) 2) XXXXX + XXXXX = - XX.IZ - XIXGXY + XIXZ-KYZ = XTXGXY = XTX 60 = XY

A solution b' is not an estimake for the effects vector b; because E(b') = E(GX'y) = GX'E(y) $= GX'Xb \neq b'$