Extraction notes

* Tosi et al., 2024. Resting energy expenditure in women with polycystic ovary syndrome
  + FFM “corrected” appears to be literally REE/FFM
* Tosi et al., 2021. Insulin-Mediated Substrate Use in Women With Different Phenotypes of PCOS: the Role of Androgens.
  + REE (RMR) not actually reported
* Doh et al. 2016. The Relationship between Adiposity and Insulin Sensitivity in African Women Living with the Polycystic Ovarian Syndrome: A Clamp Study.
  + Body mass “adjusted” REE unclear how this was performed
  + ReeVue device used which only measures oxygen consumption
* Pohlmeier et al., 2016. Effect of a low-starch/low-dairy diet on fat oxidation in overweight and obese women with polycystic ovary syndrome.
  + EE reported but may only be for 30 minutes. Also reported relative to body mass presumably.
* Georgopoulos et al., 2009. Basal metabolic rate is decreased in women with polycystic ovary syndrome and biochemical hyperandrogenemia and is associated with insulin resistance.
  + BMR adjusted - adjusted BMR=(group mean BMR)+(measured BMR−predicted BMR)
  + For PCOS split by IR status not clear if standard errors, standard deviations, or just typos (1553.87 (805.9), and 1174.56 (454.38).
  + Also not clear why n’s are different across variables.
* Saltamavros et al., 2007. alpha 2 beta adrenoreceptor 301-303 deletion polymorphism in polycystic ovary syndrome.
  + BMR adjusted - adjusted BMR=(group mean BMR)+(measured BMR−predicted BMR)
  + Healthy controls not reported
* Kritikou et al., 2006. The α2B and β3 Adrenergic Receptor Genes Polymorphisms in Women with Polycystic Ovarian Syndrome (PCOS) and their Association with Insulin Resistance and Basal Metabolic Rate (BMR)
  + BMR adjusted - adjusted BMR=(group mean BMR)+(measured BMR−predicted BMR)
  + Healthy controls not reported
  + Possibly same as Saltamavros?
* Koika et al., 2009. Association of the Pro12Ala polymorphism in peroxisome proliferator-activated receptor gamma2 with decreased basic metabolic rate in women with polycystic ovary syndrome
  + BMR adjusted - adjusted BMR=(group mean BMR)+(measured BMR−predicted BMR)
  + Healthy controls not reported
  + Possibly same as Saltamavros?

Check if Graff studies are same sample/population

How best to code and include…

Insulin Resistance?

Race

For other characteristics not all studies report any bodymass, fat mass, ffm, height, or bmi so can only really do smaller sub group analyses with those included and extract marginal effects at a range of values