

**Fig 1. Israeli girls: Pubertal onset age vs height gap.**

**C:\Users\Limony\Desktop\p onset\time of onset of puberty drafts\PLOS ONE\bmi vs pubertal onset Israeli girls.tif**

**Fig 2. Israeli girls: Pubertal onset age vs BMI percentile.**

**C:\Users\Limony\Desktop\p onset\time of onset of puberty drafts\PLOS ONE\height gap residual plot.tif**

**Fig 3. Israeli girls: Height gap residual plot.** This is the residual plot of the parameter height gap from the multivariable regression analysis of this parameter and the BMI percentile as independent parameters vs onset age of puberty as the dependent parameter.

C:\Users\Limony\Desktop\p onset\time of onset of puberty drafts\PLOS ONE\BMI per residual plot IL girls.tif

**Fig 4. Israeli girls: BMI-percentile residual plot.** This is the residual plot of the parameter BMI-percentile from the multivariable regression analysis of this parameter and the height gap as independent parameters vs onset age of puberty as the dependent parameter.