**V. Results**

In accord with our expecatation, mean *f*0 values for mothers and fathers were consistent with well known ranges for adult women and men (*M*mothers=227.5 Hz, *SD*mothers=54.2 Hz; *M*fathers=148.5 Hz, *SD*fathers=40.4 Hz).

During periods of ADS, mothers’ mean *f*0 was 222.1 Hz (*SD*=53.6 Hz) and during CDS it was 233.0 Hz (*SD*=54.7 Hz). The difference between mothers’ ADS and CDS was significant (*t*(151)=27.89, *p*<10-60).

During periods of ADS, fathers’ mean *f*0 was 146.1 Hz (*SD*=39.4 Hz) and during CDS it was 150.9 Hz (*SD*=41.3 Hz). The difference between fathers’ ADS and CDS was significant (*t*(151)=8.07, *p*<10-12).

In both figures, the lighter line is a linear bisector of the equally scaled square figure. The heavier line is the least squares linear regression for the distribution shown in each figure. For the mothers, the regression was significant (*R*2=.844, *p*<10-61). For fathers, the regression was signifcant (*R*2=.373, *p*<10-16). Both mothers and fathers used higher mean *f*0 values in the CDS condition than in the ADS condition, although the relationship was stronger for mothers than for fathers.

