

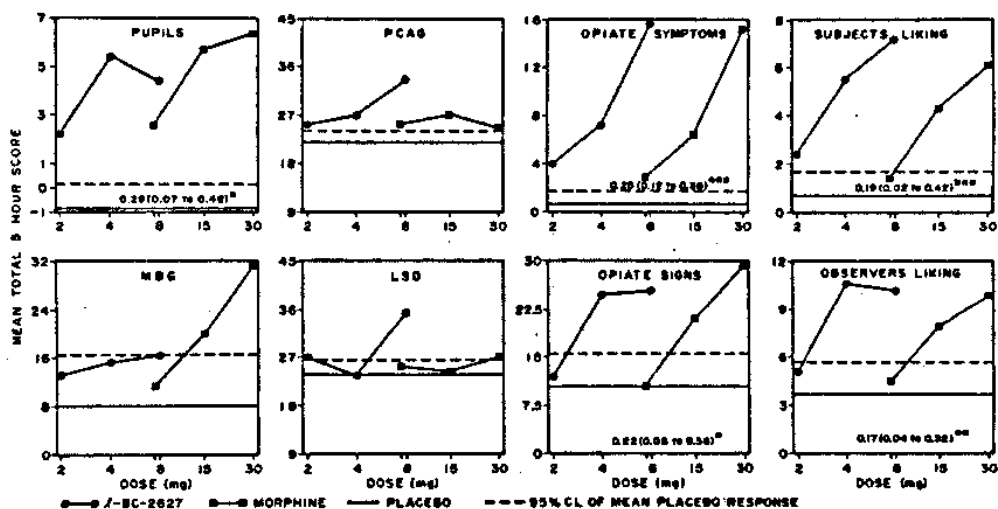


Figure 9. Dose response curves utilizing total 5 hour responses from the comparison of butorphanol, morphine and placebo. Numbers represent statistically valid relative potencies with 95% confidence limits in parentheses expressed as mg of butorphanol equivalent to 1 mg morphine. Four point assay*, five point assay**, six point assay***.