



Figure 8. Graphical comparison of the proportional mortality due to lung cancer and mesothelioma for the asbestos trades workers ("trades," Table 4, Studies 1-13), the asbestos miners and millers ("mines," Table 5, Studies I-IX), the male population of the Zürich area of Switzerland, and the male populations of five nations (Table 6). Regression analysis of the mortality of the asbestos trades workers (Studies 1-4, 6-13) shows a positive correlation between the two diseases; 78 percent of the variance ( $\bar{r}^2$ ) of lung cancer is accounted for by mesothelioma. The regression line is of the form:  $y(\text{mesothelioma}) = -2.94 + 0.446x(\text{lung cancer})$ . The intercept at  $y = 0$  is 6.6 percent lung cancer, a reasonable estimate of mortality for this disease if the asbestos trade workers had never worked with asbestos but had retained their smoking habits.