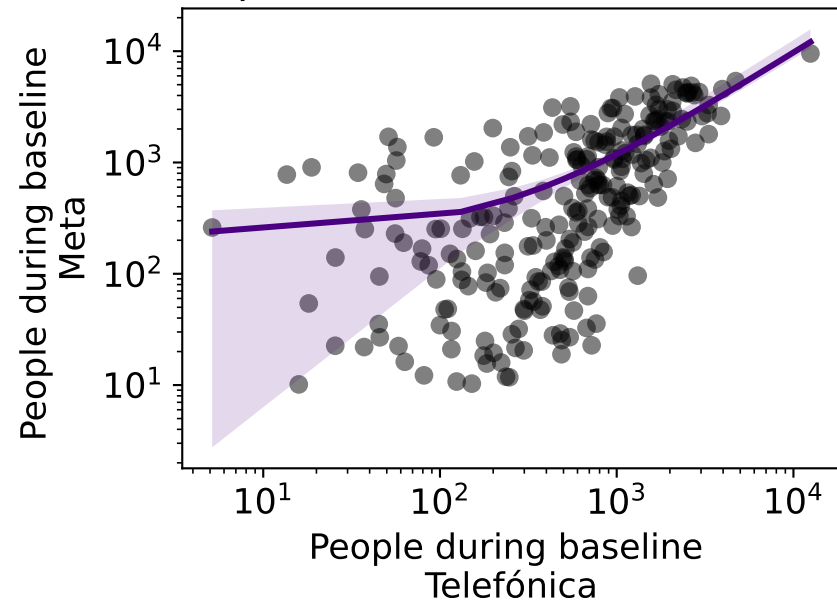
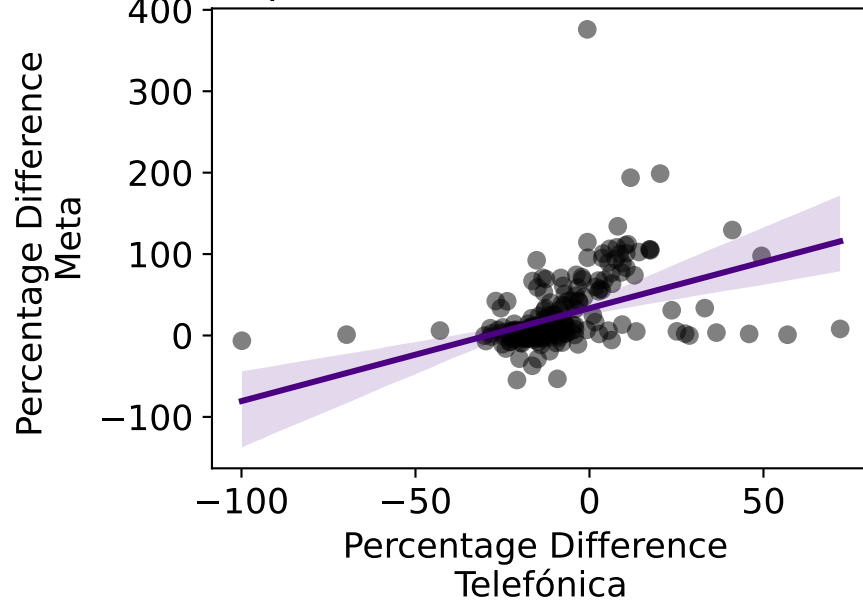


**a)** Pearson Correlation: 0.770,  
Spearman Correlation: 0.677



**b)** Pearson Correlation: 0.431,  
Spearman Correlation: 0.572



**c)** Pearson Correlation: 0.375,  
Spearman Correlation: 0.432

