Subjecttimediff (hard-easy)

Single variable

significant effect of MA category

Lo MA > Hi MA (1280.85 v 799.74); difference between easy and hard tasks larger in lo MA than hi MA)

No Significant effect of subject

Math = verbal

significant interaction between AMAS category and subject

Within MA level,

Hi MA verbal > hi MA math (1137.87 v 461.62); for hi MA students difference between response time for easy and hard verbal task greater than difference in response time for easy and hard math tasks

Lo MA verbal = lo MA math

Within subject,

Lo MA math > hi MA math (1385.08 v 461.62); difference in response time between easy and hard math tasks greater for lo MA students than hi MA students

Lo MA verbal = hi MA math

Difficultytimediff (math-verbal)

Single variable

No significant effect of MA category

Hi MA = Lo MA

No Significant effect of difficulty

hard = easy

Significant interaction between AMAS category and difficulty

Within MA level,

Hi MA easy > hi MA hard (1153.39 v 477.16), for hi MA students the difference between the response time on easy verbal and easy math tasks is greater than the difference in response times on hard verbal and hard math tasks

Lo MA easy = lo MA hard

Within difficulty, hi MA=lo MA