Time

Single variable

No significant effect of AMAS category

Lo MA = Hi MA

Significant effect of Difficulty, Subject

Hard > easy (3737.98 v 2692.97)

Math > verbal (3616.02 v 2814.93)

Two variables

AMAS Category x difficulty

Significant interaction

Within AMAS category, hard > easy

Hi MA hard > hi MA easy (3683.19 v 2883.46)

Lo MA hard > lo MA easy (3790.66 v 2509.81)

Within difficulty, hi MA=lo MA

Hi MA easy = lo MA easy

Hi MA hard = lo MA hard

AMAS Category x subject

No significant interaction

Within MA category, math > verbal

Hi MA Math > Hi MA verbal (3690.96 v 2875.69)

Lo MA Math > Lo MA verbal (3543.97 v 2756.51)

Within subject, hi MA = lo MA

Hi MA Math = Lo MA Math

Hi MA verbal = Lo MA verbal

Difficulty x subject

No interaction

Within difficulty, math > verbal

Easy math > easy verbal (3149.82 v 2236.12)

Hard math > hard verbal (4082.23 v 3393.74)

Within subject, hard > easy

hard math > easy math (4082.23 v 3149.82)

hard verbal > easy verbal (3393.74 v 2236.12)

All variables

Significant amascat x difficulty x subject interaction

Within same subject, difficulty, effect of MA category depends on subject

Hi MA Easy Math > Lo MA Easy Math (3460.15 v 2851.43)

Hi MA Easy Verbal = Lo MA Easy Verbal

Within same MA category, difficulty, Math > Verbal

Hi MA Easy Math > Hi MA Easy Verbal (3460.15 v 2307.76)

Lo MA Easy Math > Lo MA Easy Verbal (2851.43 v 2168.2)

Within same MA category, subject, hard > easy, except for Hi MA/Math

Hi MA Hard Math = Hi MA Easy Math

Lo MA Hard Math > Lo MA Easy Math (4236.51 v 2851.43)

Hi MA Hard Verbal > Hi MA Easy Verbal (3444.62 v 2306.72)

Lo MA Hard Verbal > Lo MA Easy Verbal (3344.8 v 2168.2)