eTable 4. Hierarchical regression models for Ab40, Ab42, and the Ab42/40 ratio.

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Supplemental Models | | | | | | | | | | |
|  | **Ab40** | | | | | | | | |  |
| **Predictor** | R2 | | R2adj | R2 change | F Change | b | *p*-value | Full Model Statistic | | |
| Step 1: PRS  Ab40 | .047 | | .031 | .047 | 2.93 | -.201,  074 | .027  .413 | *F*(2, 121) = 2.93, *p* = .058 | | |
| Step 2: PRSxAb40 | .049 | | .024 | .002 | 0.21 | -.292 | .649 | *F*(2, 121) = 2.01, *p* = .117 | | |
|  | **Ab42** | | | | | | | |  |  |
| **Predictor** | R2 | | R2adj | R2 change | F Change |  |  | Model Statistic | | |
| Step 1: PRS  Ab42 | 0.042 | | 0.026 | 0.042 | 2.64 | -.201,  .032 | .027  .721 | *F*(2, 122) = 2.64, *p* = .075 | | |
| Step 2: PRSxAb42 | 0.043 | | 0.018 | 0 | 0.003 | -.065 | .957 | *F*(2, 122) = 1.75, *p* = .161 | | |
|  | **Ab42/40** | | | | | | | |  |  |
| **Predictor** | R2 | | R2adj | R2 change | F Change |  |  | Model Statistic | | |
| Step 1: PRS,  Ab42/40 | 0.042 | | 0.025 | 0.042 | 2.58 | -.203,  .009 | .026  .919 | *F*(2, 121) = 2.58 *p* = .080 | | |
| Step 2: PRSxAb42/40 | | 0.042 | 0.018 | 0 | 0.004 | .092 | .951 | *F*(2, 121) = 1.71 *p* = .169 | | |

*Note.* PRS = polygenic risk score, Ab = b-Amyloid, R2 = coefficient of determination, F = ratio

of two variances