

TABLE 4: Model M3 for Women.

| Fatty Acids | Quartimin Rotated Factor Loadings | | | Residual Variances |
|--|-----------------------------------|----------|----------|--------------------|
| | PUFA | SAT | TRANS | |
| Ln(C18:3n3) | -0.281** | 0.190** | 0.175** | 0.855 |
| Ln(C20:5n3) | -0.839** | -0.024 | -0.096 | 0.254 |
| C22:6n3 | -0.740** | -0.258** | -0.114 | 0.373 |
| C20:4n6 | 0.605** | -0.322** | -0.194** | 0.495 |
| C22:4n6 | 0.801** | -0.145 | -0.042 | 0.253 |
| C22:5n6 | 0.772** | 0.040 | 0.012 | 0.392 |
| C14:0 | -0.040 | 0.684** | 0.178** | 0.532 |
| C16:0 | -0.060 | 0.822** | -0.262** | 0.267 |
| C18:0 | 0.080 | -0.686** | -0.168** | 0.551 |
| C16:1 | 0.081 | 0.882** | -0.016 | 0.261 |
| C16:1t | -0.107 | -0.137 | 0.621** | 0.653 |
| C18:1t | 0.136 | -0.182** | 0.757** | 0.282 |
| C18:2t | 0.039 | 0.182** | 0.749** | 0.414 |
| Factor | Factor Correlations | | | |
| SAT | -0.198 | 1 | ... | |
| TRANS | 0.232 | 0.030 | 1 | |
| Extracted Cumulative Proportion of Variances | | | | |
| Common | 0.28 | 0.46 | 0.57 | |
| Total | 0.31 | 0.52 | 0.66 | |

**loadings >0.15.