

**Supplemental Table 1.** Spearman correlation coefficients of phytoestrogen concentrations among mothers of girls with and without earlier age at menarche in the Avon Longitudinal Study of Parents and Children (ALSPAC) nested case-control study population (N=367 mother-daughter dyads).

	Genistein	Daidzein	Equol	<i>O</i> -DMA	Enterodiol	Enterolactone
Genistein	--					
p-value						
Daidzein	0.89	--				
p-value	<0.0001					
Equol	0.46	0.44	--			
p-value	<0.0001	<0.0001				
<i>O</i> -DMA	0.47	0.66	0.38	--		
p-value	<0.0001	<0.0001	<0.0001			
Enterodiol	0.36	0.35	0.35	0.22	--	
p-value	<0.0001	<0.0001	<0.0001	<0.0001		
Enterolactone	0.24	0.32	0.36	0.41	0.44	--
p-value	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	

Abbreviations: *O*-DMA, *O*-Desmethylangolensin