Surrogate data before normalization
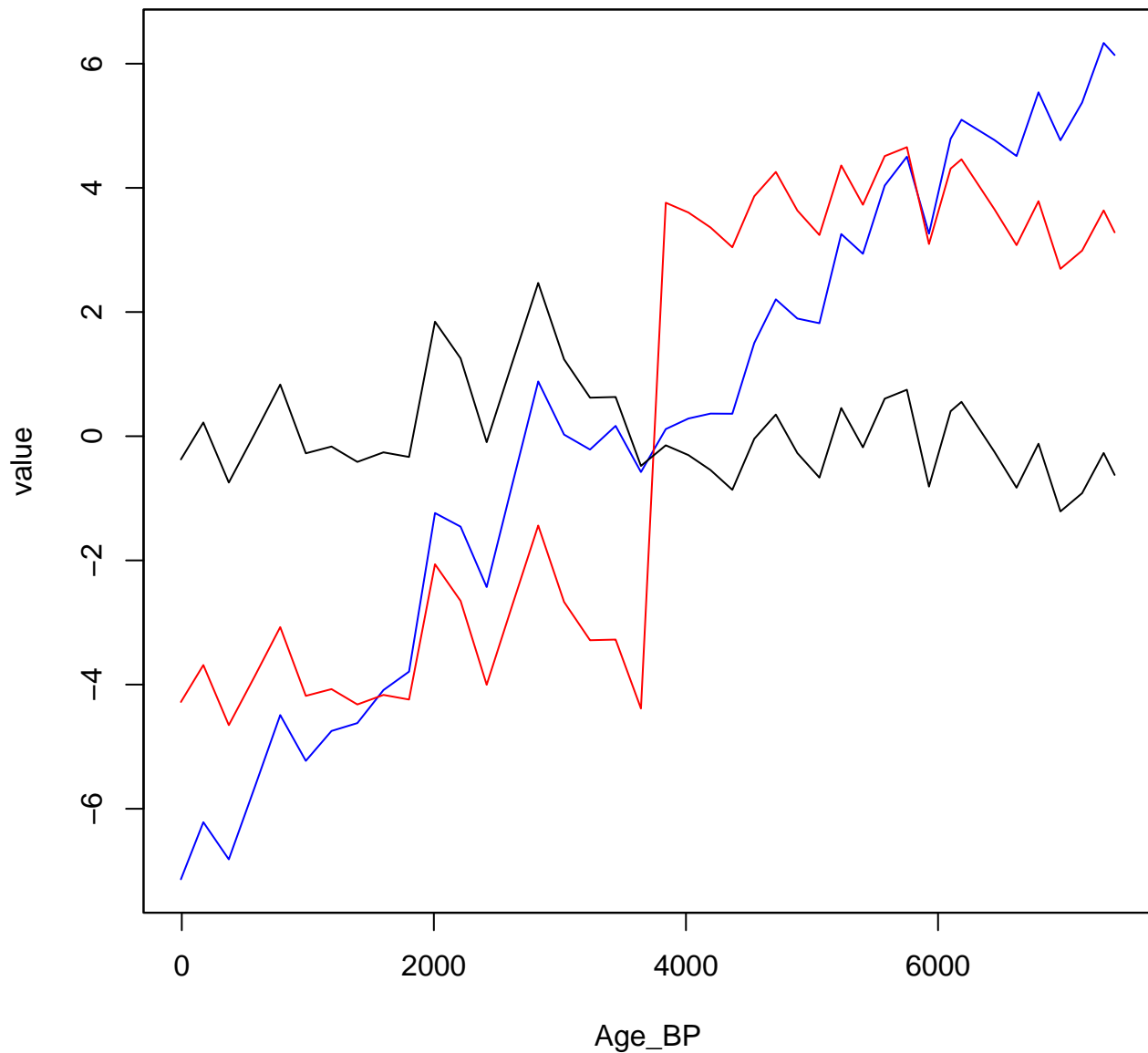
Surrogate data after normalization