Age × Period Interaction: Change in Age Slope Over Time

BRFSS

Analysis

in progress

MEPS

Period	Age Slope	Interaction	90% CI	Sig
1999	−0.0182	0.0000	[−0.0188, −0.0176]	
2003	−0.0191	−0.0010	[−0.0016, −0.0004]	*
2007	−0.0179	0.0003	[−0.0003, 0.0009]	NA
2011	−0.0178	0.0004	[−0.0003, 0.0010]	NA
2015	−0.0159	0.0023	[0.0017, 0.0029]	*
2019	−0.0110	0.0072	[0.0065, 0.0079]	*
2023	−0.0055	0.0126	[0.0114, 0.0138]	*

Period	Age Slope	Interaction	90% CI	Sig
1983	−0.0214	0.0000	[−0.0221, −0.0207]	
1987	−0.0194	0.0020	[0.0013, 0.0027]	*
1991	−0.0188	0.0026	[0.0017, 0.0034]	*
1995	−0.0199	0.0015	[0.0005, 0.0024]	*
1999	−0.0203	0.0011	[0.0002, 0.0020]	*
2003	−0.0207	0.0007	[−0.0001, 0.0016]	NA
2007	−0.0194	0.0020	[0.0010, 0.0029]	*
2011	−0.0194	0.0021	[0.0012, 0.0029]	*
2015	−0.0179	0.0035	[0.0026, 0.0045]	*
2019	−0.0167	0.0048	[0.0036, 0.0058]	*
2023	−0.0160	0.0055	[0.0041, 0.0067]	*

CPS

Period	Age Slope	Interaction	90% CI	Sig
1995	−0.0212	0.0000	[−0.0222, −0.0201]	
1999	−0.0213	−0.0001	[−0.0010, 0.0008]	NA
2003	−0.0214	−0.0002	[−0.0011, 0.0006]	NA
2007	−0.0218	−0.0006	[−0.0015, 0.0002]	NA
2011	−0.0230	−0.0018	[−0.0027, −0.0009]	*
2015	−0.0244	−0.0032	[−0.0041, −0.0023]	*
2019	−0.0223	−0.0011	[−0.0020, −0.0002]	*
2023	−0.0222	−0.0010	[−0.0021, 0.0000]	NA

NHANES

Period	Age Slope	Interaction	90% CI	Sig
1999	−0.0151	0.0000	[−0.0162, −0.0141]	
2003	−0.0131	0.0020	[0.0009, 0.0031]	*
2007	−0.0111	0.0040	[0.0029, 0.0050]	*
2011	−0.0105	0.0046	[0.0035, 0.0057]	*
2015	−0.0090	0.0061	[0.0051, 0.0071]	*
2019	−0.0076	0.0075	[0.0062, 0.0087]	*

Period	Age Slope	Interaction	90% CI	Sig
1971	−0.0136	0.0000	[−0.0147, −0.0125]	
1975	−0.0138	−0.0002	[−0.0014, 0.0011]	NA
1979	−0.0126	0.0010	[−0.0004, 0.0023]	NA
1983	−0.0117	0.0019	[0.0005, 0.0033]	*
1987	−0.0133	0.0004	[−0.0009, 0.0017]	NA
1991	−0.0116	0.0021	[0.0007, 0.0034]	*
1995	−0.0111	0.0025	[0.0012, 0.0039]	*
1999	−0.0113	0.0023	[0.0008, 0.0038]	*
2003	−0.0106	0.0030	[0.0015, 0.0045]	*
2007	−0.0102	0.0034	[0.0017, 0.0050]	*
2011	−0.0092	0.0044	[0.0028, 0.0061]	*
2015	−0.0055	0.0081	[0.0065, 0.0098]	*
2019	−0.0041	0.0095	[0.0080, 0.0110]	*
2023	−0.0043	0.0093	[0.0076, 0.0111]	*

GSS uses 4–point SRH scale (1–4); other surveys use 5–point scale (1–5). Sig = 90% CI excludes 0.