

SUPPLEMENTARY TABLES

Table S1. Parishes included in the birth cohort centenarian hotspot.

Cluster	Parishes included
Primary	Arninge, Avnede, Bjerreby, Branderslev, Bregninge, Bregninge, Brudager, Bøstrup, Dannemare, Drejø, Egense, Ellested, Fodslette, Frørup, Fuglsbølle, Gislev, Græshave, Gudbjerg, Gudme, Gurreby, Halsted, Hesselager, Horslunde, Hov, Humble, Hundstrup, Kappel, Kirkeby, Krarup, Kværndrup, Købelev, Landet, Langå, Lindelse, Longelse, Lunde, Magleby, Marstal, Naskov, Nordlunde, Ollerup, Omø, Oure, Rise, Rudkøbing, Sandby, Sankt Jørgens, Sankt Nikolaj, Simmerbølle, Skovlænge, Skrøbelev, Skårup, Snøde, Stenstrup, Stoense, Stormark, Strynø, Svindinge, Sørup, Thurø, Tillitse, Tranderup, Tranekær, Tryggelev, Tullebølle, Tved, Ulbølle, Utterslev, Vejstrup, Vestenskov, Vester Skerninge, Vester Åby, Vesterborg, Vindeby, Vor Frue, Ærøskøbing, Øksendrup, Ørbæk, Øster Skerninge, Åstrup

Table S2. Parishes included in the primary and secondary residence-based centenarian hotspots.

Cluster	Parishes included
Primary	Bagsværd, Birkerød, Bistrup, Blovstrød, Buddinge, Christians, Dyssegård, Gammel Holte, Gentofte, Hellerup, Helleruplund, Hørsholm, Jægersborg, Karlebo, Kongens Lyngby, Lundtofte, Maglegårds, Ny Holte, Nærum, Ordrup, Rungsted, Skovshoved, Sorgenfri, Stengård, Søborggård, Søllerød, Tårnbæk, Vangede, Vedbæk, Virum
Secondary	Arnborg, Assing, Aulum, Blåhøj, Bording, Brande, Brejning, Bryrup, Bølling, Egvad, Ejstrup, Engesvang, Faster, Filskov, Fredens, Funder, Gadbjerg, Give, Givskud, Gjellerup, Grene, Grindsted, Grove, Grædstrup, Hammer, Hanning, Havnstrup, Hedeager, Herborg, Herning, Hoven, Hvejsel, Ikast, Ilskov, Karup, Klovborg, Kragelund, Lindeballe, Linnerup, Nørre Snede, Nørre Vium, Nøvling, Oddum, Rind, Ringive, Sankt Johannes, Simmelkær, Sinding, Skarrild, Skjern, Snebjerg, Studsgård, Sunds, Sædding, Sønder Borris, Sønder Felding, Sønder Omme, Them, Thorning, Thyregod, Timring, Tjørring, Tyrsting, Tørring, Vester, Videbæk, Vibbjerg, Vorgod, Vrads, Ølgod, Ørre, Øster Nykirke

Table S3. Mortality rate ratios comparing the birth cohort centenarian hotspot to the rest of Denmark, for the cohorts born 1906-15, 1916-25 and 1926-35.

	Birth year		
	1906-1915	1916-1925	1926-1935
	Mortality rate ratio (95 % CI)	Mortality rate ratio (95 % CI)	Mortality rate ratio (95 % CI)
Population age 71, n	362,064	367,269	339,258
Born in hotspot, n	12,472	12,365	10,559
Age 71-75	0.98 (0.94 - 1.02)	0.94 (0.90 - 0.98)	1.00 (0.95 - 1.05)
Age 76-80	0.98 (0.95 - 1.02)	0.91 (0.88 - 0.95)	0.98 (0.93 - 1.02)
Age 81-85	0.94 (0.90 - 0.97)	0.94 (0.91 - 0.98)	
Age 86-90	0.95 (0.91 - 0.98)	0.94 (0.90 - 0.98)	
Age 90-95	0.92 (0.87 - 0.97)		
Age 96-100	0.91 (0.84 - 0.99)		

Table S4. Hotspot by place of birth, when excluding and including observations coded with municipality of birth.

	Population	Centenarians, N (%)	Expected number of centenarians, N	Ratio, expected /observed
Excluding observations with only municipality of birth recorded				
Birth hotspot	12,472	222 (1.8)	161.9	1.37
Rest of Denmark	349,592	4,517 (1.3)	4,577.1	0.99
Including observations with only municipality of birth recorded				
Birth hotspot	13,590.7	240 (1.8)	180.5	1.33
Rest of Denmark	390,909.3	5,165 (1.3)	5,224.5	0.99
Those with only municipality recorded	42,436	666 (1.6)	580.9	1.15