

Association between weather types based on the Spatial Synoptic Classification and all-cause mortality in Sweden, 1991 – 2014

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Figure S2. Sum of monthly number of deaths in each location during the study period. The summer and winter months are highlighted in red and blue, respectively.

Table S1. Total quasi Akaike information criterion (qAIC) summed across all sites in **summer** by different combinations of knots and degrees of freedom for the spline function of years and day of the year (DOY). The lowest qAIC is in bold letters and it was for the combination: knots= 3, ns (year, df= 3), ns (DOY, df=3).

Table S2. Total quasi Akaike information criterion (qAIC) summed across all sites in **winter** by different combinations of knots and degrees of freedom for the spline function of years and day of the year (DOY). The lowest qAIC is in bold letters and it was for the combination: knots= 3, ns (year, df= 3), ns (DOY, df=3).

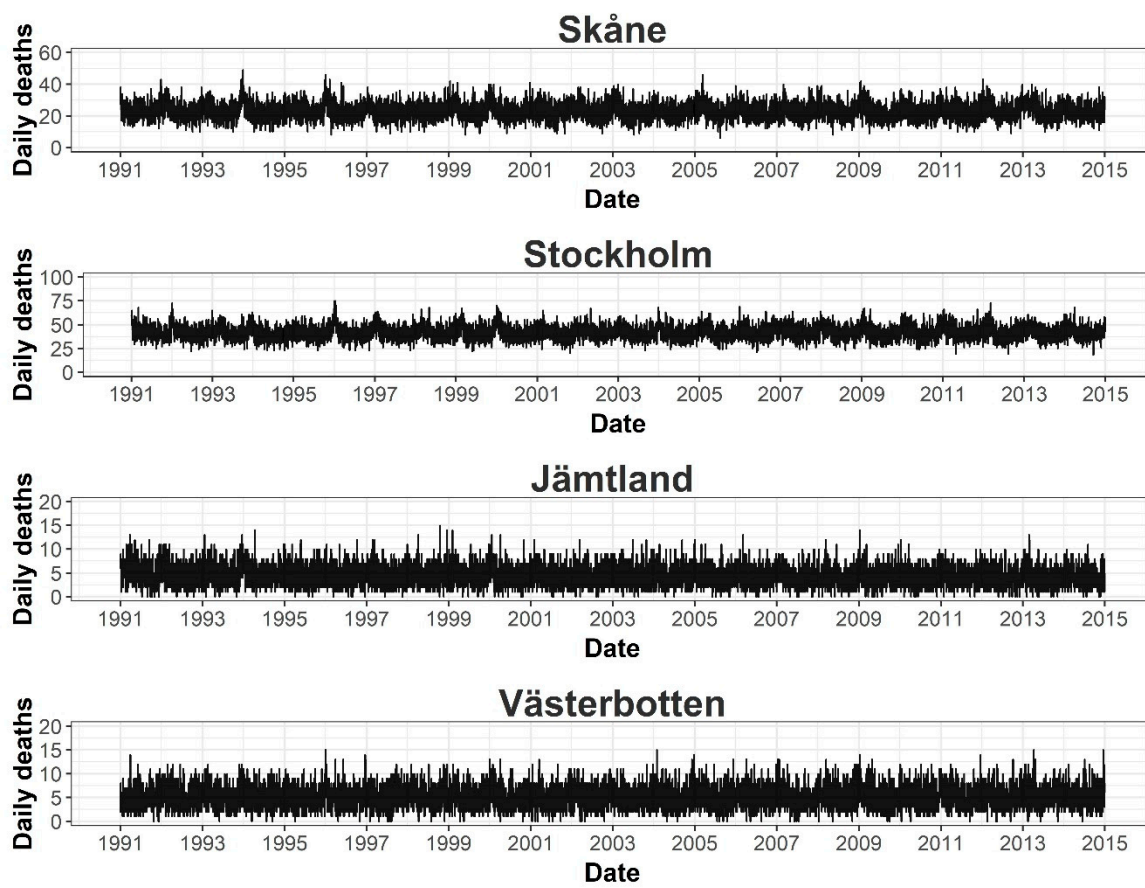


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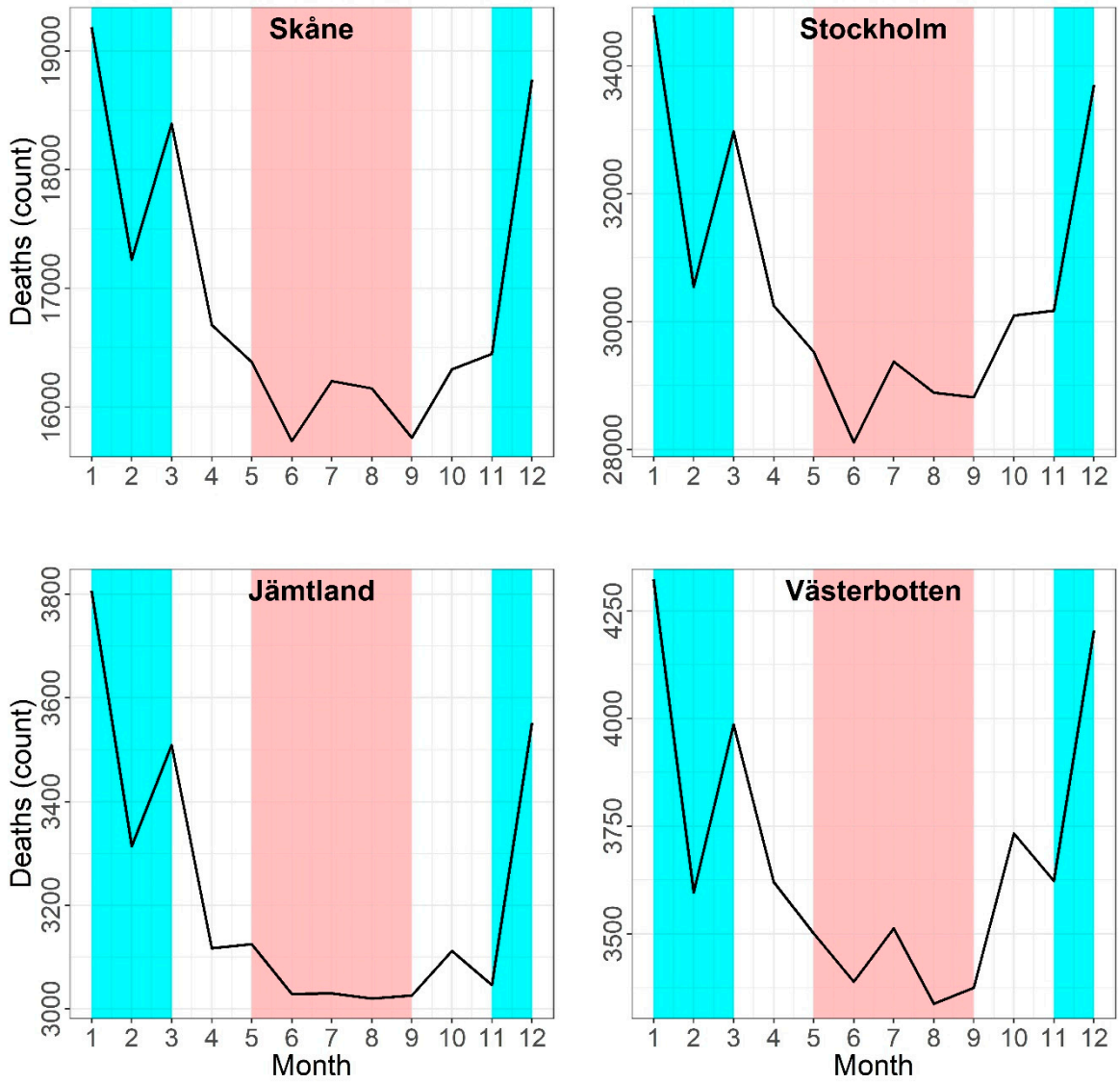


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Table S1. Total quasi Akaike information criterion (qAIC) summed across all sites in **summer** by different combinations of knots and degrees of freedom for the spline function of years and day of the year (DOY). The lowest qAIC is in bold letters and it was for the combination: knots= 3, ns (year, df= 3), ns (DOY, df=3).

Stockholm-Summer				Skåne-Summer				Jämtland-Summer				Västerbotten-Summer				Total qAIC summed across all sites
knots	ns (year, df)	ns (DOY, df)	qAIC	knots	ns (year, df)	ns (DOY, df)	qAIC	knots	ns (year, df)	ns (DOY, df)	qAIC	knots	ns (year, df)	ns (DOY, df)	qAIC	
3	3	3	18073.7	3	3	3	17523.3	3	3	3	12990.5	3	3	3	11708.5	60296.0
3	3	4	18084.6	3	3	4	17519.9	3	3	4	12994.1	3	3	4	11703.0	60301.7
3	3	5	18082.4	3	3	5	17519.5	3	3	5	12992.1	3	3	5	11707.0	60301.0
3	3	6	18080.0	3	3	6	17526.8	3	3	6	12992.7	3	3	6	11712.6	60312.1
3	3	7	18079.5	3	3	7	17516.4	3	3	7	13007.9	3	3	7	11722.7	60326.6
3	3	8	18098.0	3	3	8	17522.9	3	3	8	13004.1	3	3	8	11739.0	60364.0
3	4	3	18094.0	3	4	3	17530.9	3	4	3	13006.2	3	4	3	11706.5	60337.5
3	4	4	18103.7	3	4	4	17527.4	3	4	4	13008.9	3	4	4	11701.2	60341.2
3	4	5	18101.4	3	4	5	17527.0	3	4	5	13006.9	3	4	5	11705.0	60340.3
3	4	6	18099.2	3	4	6	17534.4	3	4	6	13007.3	3	4	6	11710.6	60351.6
3	4	7	18098.4	3	4	7	17524.0	3	4	7	13022.2	3	4	7	11720.7	60365.3
3	4	8	18116.8	3	4	8	17530.5	3	4	8	13018.1	3	4	8	11736.8	60402.3
3	5	3	18110.1	3	5	3	17540.3	3	5	3	13007.9	3	5	3	11708.8	60367.1
3	5	4	18118.9	3	5	4	17536.7	3	5	4	13010.6	3	5	4	11703.4	60369.7
3	5	5	18116.6	3	5	5	17536.5	3	5	5	13008.6	3	5	5	11707.7	60369.3
3	5	6	18114.6	3	5	6	17543.8	3	5	6	13008.9	3	5	6	11712.9	60380.1
3	5	7	18113.7	3	5	7	17533.3	3	5	7	13023.9	3	5	7	11723.3	60394.1
3	5	8	18132.0	3	5	8	17540.0	3	5	8	13019.8	3	5	8	11739.2	60431.0
3	6	3	18143.5	3	6	3	17553.9	3	6	3	13007.1	3	6	3	11713.9	60418.4
3	6	4	18152.2	3	6	4	17550.4	3	6	4	13009.8	3	6	4	11708.4	60420.8
3	6	5	18149.8	3	6	5	17550.3	3	6	5	13007.7	3	6	5	11713.0	60420.8
3	6	6	18147.7	3	6	6	17557.2	3	6	6	13008.0	3	6	6	11718.0	60431.0
3	6	7	18147.1	3	6	7	17546.7	3	6	7	13023.3	3	6	7	11728.5	60445.6
3	6	8	18165.5	3	6	8	17553.5	3	6	8	13019.2	3	6	8	11745.0	60483.1

3	7	3	18149.6	3	7	3	17547.6	3	7	3	13027.2	3	7	3	11719.3	60443.7
3	7	4	18158.6	3	7	4	17544.0	3	7	4	13029.6	3	7	4	11713.9	60446.1
3	7	5	18156.2	3	7	5	17543.8	3	7	5	13027.5	3	7	5	11718.3	60445.8
3	7	6	18154.1	3	7	6	17550.8	3	7	6	13027.6	3	7	6	11723.3	60455.8
3	7	7	18153.5	3	7	7	17540.4	3	7	7	13042.9	3	7	7	11733.7	60470.4
3	7	8	18171.9	3	7	8	17547.0	3	7	8	13038.4	3	7	8	11750.5	60507.8
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3	8	4	18155.7	3	8	4	17561.3	3	8	4	13034.1	3	8	4	11719.9	60471.0
3	8	5	18153.4	3	8	5	17561.5	3	8	5	13031.9	3	8	5	11724.1	60470.9
3	8	6	18151.4	3	8	6	17568.2	3	8	6	13031.6	3	8	6	11729.2	60480.5
3	8	7	18150.6	3	8	7	17557.7	3	8	7	13046.5	3	8	7	11739.2	60494.1
3	8	8	18169.2	3	8	8	17564.6	3	8	8	13041.9	3	8	8	11756.1	60531.7
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4	4	5	18112.8	4	4	5	17585.4	4	4	5	13008.6	4	4	5	11716.9	60423.8
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4	5	4	18129.9	4	5	4	17594.8	4	5	4	13012.0	4	5	4	11715.3	60452.0
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4	7	4	18169.3	4	7	4	17601.8	4	7	4	13031.0	4	7	4	11725.1	60527.2
4	7	5	18166.8	4	7	5	17601.5	4	7	5	13029.0	4	7	5	11730.0	60527.2
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4	8	8	18180.0	4	8	8	17622.0	4	8	8	13042.0	4	8	8	11769.7	60613.7
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5	3	8	18103.7	5	3	8	17613.5	5	3	8	13007.4	5	3	8	11753.2	60477.8
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5	5	3	18115.7	5	5	3	17631.9	5	5	3	13011.4	5	5	3	11721.7	60480.6
5	5	4	18123.2	5	5	4	17627.8	5	5	4	13014.7	5	5	4	11716.2	60481.8
5	5	5	18120.7	5	5	5	17627.8	5	5	5	13012.8	5	5	5	11720.7	60482.0
5	5	6	18119.1	5	5	6	17633.5	5	5	6	13012.8	5	5	6	11726.3	60491.7
5	5	7	18118.9	5	5	7	17623.3	5	5	7	13027.0	5	5	7	11737.9	60507.1
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5	6	5	18153.7	5	6	5	17641.2	5	6	5	13012.3	5	6	5	11725.5	60532.6
5	6	6	18152.0	5	6	6	17646.6	5	6	6	13012.2	5	6	6	11730.9	60541.8
5	6	7	18152.1	5	6	7	17636.4	5	6	7	13026.6	5	6	7	11742.6	60557.8
5	6	8	18170.2	5	6	8	17643.6	5	6	8	13022.9	5	6	8	11759.6	60596.2
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5	7	5	18160.1	5	7	5	17634.7	5	7	5	13031.5	5	7	5	11730.8	60557.1
5	7	6	18158.4	5	7	6	17640.3	5	7	6	13031.2	5	7	6	11736.2	60566.1
5	7	7	18158.5	5	7	7	17630.1	5	7	7	13045.7	5	7	7	11747.8	60582.1
5	7	8	18176.6	5	7	8	17637.1	5	7	8	13041.7	5	7	8	11765.0	60620.4
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5	8	4	18159.5	5	8	4	17652.1	5	8	4	13037.9	5	8	4	11732.5	60582.1
5	8	5	18157.1	5	8	5	17652.6	5	8	5	13035.9	5	8	5	11736.9	60582.5
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5	8	8	18173.7	5	8	8	17654.9	5	8	8	13045.2	5	8	8	11770.9	60644.6
6	3	3	18107.7	6	3	3	17612.7	6	3	3	13003.9	6	3	3	11722.7	60447.0
6	3	4	18117.0	6	3	4	17608.8	6	3	4	13007.9	6	3	4	11717.2	60450.8
6	3	5	18114.7	6	3	5	17608.7	6	3	5	13006.2	6	3	5	11721.6	60451.2

6	3	6	18112.5	6	3	6	17614.5	6	3	6	13006.5	6	3	6	11727.8	60461.3
6	3	7	18112.9	6	3	7	17604.3	6	3	7	13021.3	6	3	7	11740.0	60478.5
6	3	8	18131.2	6	3	8	17611.1	6	3	8	13017.8	6	3	8	11757.3	60517.4
6	4	3	18127.2	6	4	3	17620.4	6	4	3	13020.5	6	4	3	11721.0	60489.1
6	4	4	18135.4	6	4	4	17616.3	6	4	4	13023.5	6	4	4	11715.7	60490.9
6	4	5	18133.0	6	4	5	17616.2	6	4	5	13021.8	6	4	5	11719.9	60491.0
6	4	6	18131.1	6	4	6	17622.2	6	4	6	13022.0	6	4	6	11726.1	60501.3
6	4	7	18131.1	6	4	7	17611.9	6	4	7	13036.4	6	4	7	11738.3	60517.7
6	4	8	18149.5	6	4	8	17618.8	6	4	8	13032.6	6	4	8	11755.3	60556.2
6	5	3	18143.2	6	5	3	17629.5	6	5	3	13022.5	6	5	3	11723.6	60518.9
6	5	4	18150.6	6	5	4	17625.4	6	5	4	13025.4	6	5	4	11718.2	60519.6
6	5	5	18148.1	6	5	5	17625.6	6	5	5	13023.7	6	5	5	11723.0	60520.3
6	5	6	18146.4	6	5	6	17631.3	6	5	6	13023.8	6	5	6	11728.7	60530.2
6	5	7	18146.3	6	5	7	17621.0	6	5	7	13038.4	6	5	7	11741.1	60546.9
6	5	8	18164.5	6	5	8	17628.1	6	5	8	13034.6	6	5	8	11758.1	60585.3
6	6	3	18176.7	6	6	3	17642.7	6	6	3	13022.1	6	6	3	11728.2	60569.7
6	6	4	18184.0	6	6	4	17638.6	6	6	4	13025.1	6	6	4	11722.7	60570.3
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6	6	6	18179.7	6	6	6	17644.3	6	6	6	13023.4	6	6	6	11733.3	60580.7
6	6	7	18179.9	6	6	7	17634.1	6	6	7	13038.3	6	6	7	11745.8	60598.0
6	6	8	18198.1	6	6	8	17641.2	6	6	8	13034.4	6	6	8	11763.3	60637.0
6	7	3	18182.9	6	7	3	17636.2	6	7	3	13042.0	6	7	3	11733.7	60594.8
6	7	4	18190.4	6	7	4	17632.1	6	7	4	13044.7	6	7	4	11728.1	60595.4
6	7	5	18187.9	6	7	5	17632.3	6	7	5	13042.8	6	7	5	11733.2	60596.2
6	7	6	18186.1	6	7	6	17637.8	6	7	6	13042.7	6	7	6	11738.7	60605.3
6	7	7	18186.3	6	7	7	17627.6	6	7	7	13057.7	6	7	7	11751.1	60622.6
6	7	8	18204.6	6	7	8	17634.6	6	7	8	13053.5	6	7	8	11768.9	60661.5
6	8	3	18179.5	6	8	3	17653.7	6	8	3	13046.2	6	8	3	11740.1	60619.5
6	8	4	18187.2	6	8	4	17649.6	6	8	4	13048.9	6	8	4	11734.7	60620.4

6	8	5	18184.8	6	8	5	17650.2	6	8	5	13047.0	6	8	5	11739.5	60621.4
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6	8	7	18183.1	6	8	7	17645.3	6	8	7	13061.0	6	8	7	11757.1	60646.5
6	8	8	18201.5	6	8	8	17652.4	6	8	8	13056.6	6	8	8	11775.0	60685.6
7	3	3	18088.2	7	3	3	17615.3	7	3	3	13013.5	7	3	3	11749.2	60466.2
7	3	4	18097.4	7	3	4	17611.2	7	3	4	13017.4	7	3	4	11743.7	60469.7
7	3	5	18095.0	7	3	5	17611.1	7	3	5	13015.8	7	3	5	11747.7	60469.7
7	3	6	18092.7	7	3	6	17616.7	7	3	6	13016.4	7	3	6	11754.5	60480.3
7	3	7	18092.9	7	3	7	17606.6	7	3	7	13032.0	7	3	7	11767.2	60498.6
7	3	8	18111.3	7	3	8	17613.4	7	3	8	13028.7	7	3	8	11784.5	60537.8
7	4	3	18107.6	7	4	3	17622.7	7	4	3	13030.1	7	4	3	11747.5	60508.0
7	4	4	18115.6	7	4	4	17618.6	7	4	4	13033.1	7	4	4	11742.1	60509.4
7	4	5	18113.2	7	4	5	17618.4	7	4	5	13031.4	7	4	5	11746.1	60509.1
7	4	6	18111.2	7	4	6	17624.2	7	4	6	13031.9	7	4	6	11752.7	60519.9
7	4	7	18110.9	7	4	7	17614.0	7	4	7	13047.1	7	4	7	11765.5	60537.5
7	4	8	18129.4	7	4	8	17620.9	7	4	8	13043.5	7	4	8	11782.7	60576.4
7	5	3	18123.5	7	5	3	17631.7	7	5	3	13031.9	7	5	3	11750.4	60537.5
7	5	4	18130.7	7	5	4	17627.5	7	5	4	13034.8	7	5	4	11744.9	60537.9
7	5	5	18128.2	7	5	5	17627.6	7	5	5	13033.1	7	5	5	11749.4	60538.2
7	5	6	18126.3	7	5	6	17633.1	7	5	6	13033.5	7	5	6	11755.6	60548.6
7	5	7	18126.0	7	5	7	17622.9	7	5	7	13048.9	7	5	7	11768.6	60566.4
7	5	8	18144.3	7	5	8	17629.9	7	5	8	13045.2	7	5	8	11785.8	60605.3
7	6	3	18156.8	7	6	3	17644.8	7	6	3	13031.5	7	6	3	11754.9	60588.0
7	6	4	18163.9	7	6	4	17640.6	7	6	4	13034.5	7	6	4	11749.3	60588.3
7	6	5	18161.3	7	6	5	17640.8	7	6	5	13032.7	7	6	5	11754.0	60588.9
7	6	6	18159.4	7	6	6	17646.1	7	6	6	13033.1	7	6	6	11760.2	60598.7
7	6	7	18159.4	7	6	7	17635.9	7	6	7	13048.7	7	6	7	11773.2	60617.2
7	6	8	18177.7	7	6	8	17643.0	7	6	8	13045.0	7	6	8	11790.9	60656.7
7	7	3	18163.0	7	7	3	17638.3	7	7	3	13051.2	7	7	3	11760.8	60613.3

7	7	4	18170.4	7	7	4	17634.1	7	7	4	13053.8	7	7	4	11755.2	60613.5
7	7	5	18167.8	7	7	5	17634.2	7	7	5	13051.9	7	7	5	11759.9	60613.9
7	7	6	18165.9	7	7	6	17639.5	7	7	6	13052.1	7	7	6	11766.0	60623.5
7	7	7	18165.8	7	7	7	17629.4	7	7	7	13067.8	7	7	7	11778.9	60641.9
7	7	8	18184.3	7	7	8	17636.4	7	7	8	13063.9	7	7	8	11796.8	60681.4
7	8	3	18159.7	7	8	3	17655.6	7	8	3	13055.8	7	8	3	11768.2	60639.2
7	8	4	18167.2	7	8	4	17651.4	7	8	4	13058.5	7	8	4	11762.7	60639.8
7	8	5	18164.8	7	8	5	17652.0	7	8	5	13056.5	7	8	5	11767.1	60640.3
7	8	6	18162.8	7	8	6	17657.1	7	8	6	13056.3	7	8	6	11773.3	60649.5
7	8	7	18162.7	7	8	7	17646.9	7	8	7	13071.5	7	8	7	11785.9	60667.0
7	8	8	18181.3	7	8	8	17654.0	7	8	8	13067.4	7	8	8	11803.9	60706.6
8	3	3	18136.0	8	3	3	17618.7	8	3	3	13014.4	8	3	3	11746.4	60515.5
8	3	4	18145.1	8	3	4	17614.5	8	3	4	13018.3	8	3	4	11741.1	60519.0
8	3	5	18142.7	8	3	5	17614.4	8	3	5	13016.7	8	3	5	11744.8	60518.6
8	3	6	18139.8	8	3	6	17619.6	8	3	6	13017.4	8	3	6	11752.2	60529.0
8	3	7	18139.2	8	3	7	17609.6	8	3	7	13033.4	8	3	7	11766.0	60548.1
8	3	8	18158.0	8	3	8	17616.4	8	3	8	13030.2	8	3	8	11783.7	60588.3
8	4	3	18155.6	8	4	3	17626.1	8	4	3	13030.9	8	4	3	11744.8	60557.3
8	4	4	18163.5	8	4	4	17621.8	8	4	4	13033.9	8	4	4	11739.6	60558.7
8	4	5	18161.0	8	4	5	17621.7	8	4	5	13032.2	8	4	5	11743.2	60558.1
8	4	6	18158.3	8	4	6	17627.0	8	4	6	13032.8	8	4	6	11750.5	60568.6
8	4	7	18157.4	8	4	7	17616.9	8	4	7	13048.4	8	4	7	11764.3	60587.0
8	4	8	18176.2	8	4	8	17623.9	8	4	8	13044.9	8	4	8	11781.9	60626.9
8	5	3	18171.4	8	5	3	17634.9	8	5	3	13032.7	8	5	3	11747.6	60586.6
8	5	4	18178.4	8	5	4	17630.6	8	5	4	13035.7	8	5	4	11742.2	60587.0
8	5	5	18175.9	8	5	5	17630.7	8	5	5	13033.9	8	5	5	11746.3	60586.9
8	5	6	18173.4	8	5	6	17635.9	8	5	6	13034.4	8	5	6	11753.3	60597.0
8	5	7	18172.4	8	5	7	17625.8	8	5	7	13050.2	8	5	7	11767.4	60615.7
8	5	8	18191.0	8	5	8	17632.8	8	5	8	13046.7	8	5	8	11784.9	60655.5

8	6	3	18204.7	8	6	3	17648.0	8	6	3	13032.4	8	6	3	11751.9	60636.9
8	6	4	18211.6	8	6	4	17643.7	8	6	4	13035.4	8	6	4	11746.5	60637.2
8	6	5	18209.0	8	6	5	17644.0	8	6	5	13033.6	8	6	5	11750.8	60637.4
8	6	6	18206.4	8	6	6	17648.8	8	6	6	13034.1	8	6	6	11757.6	60646.9
8	6	7	18205.6	8	6	7	17638.8	8	6	7	13050.1	8	6	7	11771.7	60666.2
8	6	8	18224.3	8	6	8	17645.9	8	6	8	13046.6	8	6	8	11789.8	60706.6
8	7	3	18210.6	8	7	3	17641.5	8	7	3	13052.0	8	7	3	11757.8	60661.9
8	7	4	18217.8	8	7	4	17637.2	8	7	4	13054.7	8	7	4	11752.4	60662.1
8	7	5	18215.2	8	7	5	17637.3	8	7	5	13052.9	8	7	5	11756.7	60662.1
8	7	6	18212.6	8	7	6	17642.3	8	7	6	13053.1	8	7	6	11763.4	60671.5
8	7	7	18211.9	8	7	7	17632.2	8	7	7	13069.2	8	7	7	11777.4	60690.7
8	7	8	18230.7	8	7	8	17639.3	8	7	8	13065.4	8	7	8	11795.7	60731.1
8	8	3	18207.3	8	8	3	17658.6	8	8	3	13056.8	8	8	3	11765.2	60687.9
8	8	4	18214.8	8	8	4	17654.3	8	8	4	13059.5	8	8	4	11759.9	60688.5
8	8	5	18212.3	8	8	5	17654.9	8	8	5	13057.5	8	8	5	11764.0	60688.7
8	8	6	18209.7	8	8	6	17659.6	8	8	6	13057.4	8	8	6	11770.8	60697.6
8	8	7	18208.8	8	8	7	17649.5	8	8	7	13073.0	8	8	7	11784.5	60715.9
8	8	8	18227.7	8	8	8	17656.7	8	8	8	13069.1	8	8	8	11802.9	60756.4

Table S2. Total quasi Akaike information criterion (qAIC) summed across all sites in **winter** by different combinations of knots and degrees of freedom for the spline function of years and day of the year (DOY). The lowest qAIC is in bold letters and it was for the combination: knots= 3, ns (year, df= 3), ns (DOY, df=3).

Stockholm-Winter				Skåne-Winter				Jämtland-Winter				Västerbotten-Winter				Total qAIC summed across all sites
knots	ns (year, df)	ns (DOY, df)	qAIC	knots	ns (year, df)	ns (DOY, df)	qAIC	knots	ns (year, df)	ns (DOY, df)	qAIC	knots	ns (year, df)	ns (DOY, df)	qAIC	
3	3	3	18036.6	3	3	3	16228.5	3	3	3	12240.9	3	3	3	12295.9	58801.9
3	3	4	18048.1	3	3	4	16238.9	3	3	4	12245.5	3	3	4	12303.9	58836.5
3	3	5	18125.7	3	3	5	16321.1	3	3	5	12260.2	3	3	5	12305.5	59012.5

3	3	6	18159.3	3	3	6	16333.8	3	3	6	12263.9	3	3	6	12305.6	59062.6
3	3	7	18192.4	3	3	7	16341.1	3	3	7	12266.1	3	3	7	12302.9	59102.5
3	3	8	18224.3	3	3	8	16340.3	3	3	8	12269.5	3	3	8	12306.9	59141.0
3	4	3	18035.3	3	4	3	16286.6	3	4	3	12239.3	3	4	3	12299.4	58860.5
3	4	4	18046.8	3	4	4	16296.7	3	4	4	12243.8	3	4	4	12306.9	58894.2
3	4	5	18124.5	3	4	5	16386.0	3	4	5	12258.3	3	4	5	12308.0	59076.8
3	4	6	18158.1	3	4	6	16398.9	3	4	6	12261.9	3	4	6	12308.2	59127.1
3	4	7	18191.1	3	4	7	16406.2	3	4	7	12264.2	3	4	7	12305.6	59167.2
3	4	8	18222.9	3	4	8	16405.6	3	4	8	12267.7	3	4	8	12309.4	59205.6
3	5	3	18032.9	3	5	3	16283.9	3	5	3	12237.7	3	5	3	12311.1	58865.6
3	5	4	18044.4	3	5	4	16294.0	3	5	4	12242.3	3	5	4	12318.4	58899.1
3	5	5	18120.3	3	5	5	16384.3	3	5	5	12256.5	3	5	5	12319.6	59080.8
3	5	6	18153.8	3	5	6	16397.2	3	5	6	12260.1	3	5	6	12319.6	59130.7
3	5	7	18186.9	3	5	7	16404.6	3	5	7	12262.3	3	5	7	12317.2	59170.9
3	5	8	18218.8	3	5	8	16403.9	3	5	8	12265.8	3	5	8	12320.7	59209.2
3	6	3	18039.2	3	6	3	16283.5	3	6	3	12235.3	3	6	3	12308.3	58866.4
3	6	4	18050.6	3	6	4	16293.6	3	6	4	12239.9	3	6	4	12315.4	58899.5
3	6	5	18123.3	3	6	5	16383.7	3	6	5	12254.2	3	6	5	12316.3	59077.6
3	6	6	18156.4	3	6	6	16396.5	3	6	6	12257.9	3	6	6	12316.3	59127.1
3	6	7	18189.5	3	6	7	16403.9	3	6	7	12260.1	3	6	7	12313.9	59167.3
3	6	8	18221.6	3	6	8	16403.3	3	6	8	12263.5	3	6	8	12317.4	59205.9
3	7	3	18031.3	3	7	3	16328.3	3	7	3	12233.4	3	7	3	12307.8	58900.8
3	7	4	18042.8	3	7	4	16338.5	3	7	4	12238.0	3	7	4	12314.9	58934.3
3	7	5	18116.2	3	7	5	16427.0	3	7	5	12252.3	3	7	5	12316.1	59111.6
3	7	6	18149.6	3	7	6	16440.0	3	7	6	12255.9	3	7	6	12316.1	59161.6
3	7	7	18182.6	3	7	7	16447.7	3	7	7	12258.2	3	7	7	12313.7	59202.1
3	7	8	18214.8	3	7	8	16447.8	3	7	8	12261.8	3	7	8	12317.3	59241.8
3	8	3	18054.5	3	8	3	16377.4	3	8	3	12240.9	3	8	3	12315.2	58988.0
3	8	4	18065.9	3	8	4	16387.8	3	8	4	12245.2	3	8	4	12323.7	59022.6

3	8	5	18145.0	3	8	5	16480.1	3	8	5	12259.2	3	8	5	12325.6	59209.9
3	8	6	18178.6	3	8	6	16493.5	3	8	6	12262.7	3	8	6	12325.4	59260.2
3	8	7	18211.6	3	8	7	16501.2	3	8	7	12264.9	3	8	7	12322.7	59300.3
3	8	8	18242.1	3	8	8	16501.3	3	8	8	12268.5	3	8	8	12326.8	59338.8
4	3	3	18048.0	4	3	3	16244.0	4	3	3	12237.1	4	3	3	12291.6	58820.7
4	3	4	18061.3	4	3	4	16254.7	4	3	4	12241.6	4	3	4	12299.9	58857.5
4	3	5	18140.9	4	3	5	16335.4	4	3	5	12256.1	4	3	5	12301.5	59033.8
4	3	6	18174.7	4	3	6	16346.7	4	3	6	12259.7	4	3	6	12301.8	59082.9
4	3	7	18208.8	4	3	7	16353.6	4	3	7	12261.9	4	3	7	12299.4	59123.7
4	3	8	18236.4	4	3	8	16351.9	4	3	8	12265.4	4	3	8	12302.9	59156.7
4	4	3	18046.7	4	4	3	16301.4	4	4	3	12235.5	4	4	3	12295.1	58878.6
4	4	4	18060.0	4	4	4	16311.8	4	4	4	12239.9	4	4	4	12302.8	58914.5
4	4	5	18139.7	4	4	5	16399.5	4	4	5	12254.2	4	4	5	12304.0	59097.3
4	4	6	18173.5	4	4	6	16411.0	4	4	6	12257.8	4	4	6	12304.4	59146.6
4	4	7	18207.5	4	4	7	16418.0	4	4	7	12260.1	4	4	7	12302.1	59187.6
4	4	8	18235.0	4	4	8	16416.4	4	4	8	12263.6	4	4	8	12305.4	59220.5
4	5	3	18044.6	4	5	3	16298.7	4	5	3	12233.9	4	5	3	12306.1	58883.3
4	5	4	18057.9	4	5	4	16309.1	4	5	4	12238.3	4	5	4	12313.7	58919.0
4	5	5	18135.7	4	5	5	16397.7	4	5	5	12252.4	4	5	5	12314.9	59100.7
4	5	6	18169.4	4	5	6	16409.3	4	5	6	12255.9	4	5	6	12315.0	59149.6
4	5	7	18203.4	4	5	7	16416.3	4	5	7	12258.2	4	5	7	12312.9	59190.7
4	5	8	18231.1	4	5	8	16414.6	4	5	8	12261.8	4	5	8	12316.1	59223.6
4	6	3	18050.7	4	6	3	16298.5	4	6	3	12231.5	4	6	3	12303.3	58884.0
4	6	4	18063.8	4	6	4	16308.9	4	6	4	12236.0	4	6	4	12310.6	58919.3
4	6	5	18138.5	4	6	5	16397.3	4	6	5	12250.1	4	6	5	12311.5	59097.4
4	6	6	18171.8	4	6	6	16408.8	4	6	6	12253.7	4	6	6	12311.7	59146.0
4	6	7	18205.9	4	6	7	16415.8	4	6	7	12255.9	4	6	7	12309.6	59187.1
4	6	8	18233.7	4	6	8	16414.3	4	6	8	12259.5	4	6	8	12312.7	59220.2
4	7	3	18042.8	4	7	3	16344.4	4	7	3	12229.6	4	7	3	12302.7	58919.6

4	7	4	18056.1	4	7	4	16354.9	4	7	4	12234.0	4	7	4	12310.1	58955.2
4	7	5	18131.5	4	7	5	16441.8	4	7	5	12248.2	4	7	5	12311.1	59132.6
4	7	6	18165.0	4	7	6	16453.4	4	7	6	12251.8	4	7	6	12311.4	59181.6
4	7	7	18199.1	4	7	7	16460.7	4	7	7	12254.1	4	7	7	12309.2	59223.1
4	7	8	18227.0	4	7	8	16459.9	4	7	8	12257.7	4	7	8	12312.5	59257.1
4	8	3	18065.6	4	8	3	16393.8	4	8	3	12237.2	4	8	3	12310.2	59006.8
4	8	4	18078.8	4	8	4	16404.5	4	8	4	12241.4	4	8	4	12319.0	59043.6
4	8	5	18159.8	4	8	5	16495.1	4	8	5	12255.2	4	8	5	12320.8	59230.9
4	8	6	18193.5	4	8	6	16507.1	4	8	6	12258.7	4	8	6	12320.9	59280.1
4	8	7	18227.5	4	8	7	16514.3	4	8	7	12260.9	4	8	7	12318.4	59321.1
4	8	8	18253.8	4	8	8	16513.6	4	8	8	12264.6	4	8	8	12322.2	59354.1
5	3	3	18055.5	5	3	3	16263.0	5	3	3	12248.7	5	3	3	12305.8	58873.0
5	3	4	18067.8	5	3	4	16274.0	5	3	4	12253.3	5	3	4	12314.0	58909.0
5	3	5	18148.4	5	3	5	16351.7	5	3	5	12267.0	5	3	5	12316.0	59083.1
5	3	6	18182.8	5	3	6	16362.1	5	3	6	12270.5	5	3	6	12316.6	59131.9
5	3	7	18217.3	5	3	7	16368.4	5	3	7	12272.9	5	3	7	12314.4	59173.0
5	3	8	18246.2	5	3	8	16366.4	5	3	8	12276.3	5	3	8	12317.4	59206.4
5	4	3	18054.4	5	4	3	16321.6	5	4	3	12247.0	5	4	3	12309.4	58932.4
5	4	4	18066.7	5	4	4	16332.4	5	4	4	12251.4	5	4	4	12317.0	58967.6
5	4	5	18147.5	5	4	5	16417.0	5	4	5	12265.0	5	4	5	12318.6	59148.1
5	4	6	18181.9	5	4	6	16427.5	5	4	6	12268.4	5	4	6	12319.3	59197.1
5	4	7	18216.3	5	4	7	16433.9	5	4	7	12270.9	5	4	7	12317.2	59238.2
5	4	8	18245.1	5	4	8	16432.1	5	4	8	12274.3	5	4	8	12320.1	59271.6
5	5	3	18052.0	5	5	3	16319.3	5	5	3	12245.4	5	5	3	12320.7	58937.4
5	5	4	18064.4	5	5	4	16330.0	5	5	4	12249.9	5	5	4	12328.2	58972.4
5	5	5	18143.4	5	5	5	16415.6	5	5	5	12263.2	5	5	5	12329.7	59151.9
5	5	6	18177.7	5	5	6	16426.2	5	5	6	12266.6	5	5	6	12330.2	59200.6
5	5	7	18212.1	5	5	7	16432.5	5	5	7	12269.0	5	5	7	12328.3	59241.8
5	5	8	18241.0	5	5	8	16430.6	5	5	8	12272.5	5	5	8	12331.0	59275.1

5	6	3	18057.8	5	6	3	16318.8	5	6	3	12243.1	5	6	3	12317.9	58937.6
5	6	4	18070.0	5	6	4	16329.5	5	6	4	12247.6	5	6	4	12325.0	58972.2
5	6	5	18145.9	5	6	5	16414.9	5	6	5	12261.0	5	6	5	12326.3	59148.1
5	6	6	18179.7	5	6	6	16425.5	5	6	6	12264.4	5	6	6	12326.8	59196.4
5	6	7	18214.2	5	6	7	16431.8	5	6	7	12266.8	5	6	7	12324.9	59237.7
5	6	8	18243.3	5	6	8	16430.0	5	6	8	12270.3	5	6	8	12327.6	59271.2
5	7	3	18050.4	5	7	3	16365.0	5	7	3	12241.1	5	7	3	12317.3	58973.8
5	7	4	18062.8	5	7	4	16375.8	5	7	4	12245.5	5	7	4	12324.6	59008.7
5	7	5	18139.4	5	7	5	16459.6	5	7	5	12258.9	5	7	5	12326.1	59184.0
5	7	6	18173.5	5	7	6	16470.3	5	7	6	12262.3	5	7	6	12326.6	59232.8
5	7	7	18207.9	5	7	7	16477.0	5	7	7	12264.8	5	7	7	12324.7	59274.4
5	7	8	18237.1	5	7	8	16475.9	5	7	8	12268.3	5	7	8	12327.5	59308.8
5	8	3	18072.8	5	8	3	16414.1	5	8	3	12249.0	5	8	3	12324.2	59060.1
5	8	4	18085.1	5	8	4	16425.1	5	8	4	12253.3	5	8	4	12332.8	59096.3
5	8	5	18167.4	5	8	5	16512.6	5	8	5	12266.3	5	8	5	12335.2	59281.4
5	8	6	18201.7	5	8	6	16523.7	5	8	6	12269.6	5	8	6	12335.5	59330.4
5	8	7	18236.1	5	8	7	16530.2	5	8	7	12272.0	5	8	7	12333.3	59371.6
5	8	8	18263.6	5	8	8	16529.2	5	8	8	12275.6	5	8	8	12336.5	59405.0
6	3	3	18051.5	6	3	3	16272.8	6	3	3	12251.5	6	3	3	12301.4	58877.2
6	3	4	18064.1	6	3	4	16283.9	6	3	4	12256.2	6	3	4	12310.2	58914.4
6	3	5	18144.7	6	3	5	16360.6	6	3	5	12269.9	6	3	5	12312.0	59087.2
6	3	6	18178.3	6	3	6	16370.6	6	3	6	12273.4	6	3	6	12312.6	59134.9
6	3	7	18213.0	6	3	7	16376.4	6	3	7	12275.8	6	3	7	12310.2	59175.4
6	3	8	18241.8	6	3	8	16374.4	6	3	8	12279.2	6	3	8	12313.3	59208.7
6	4	3	18050.4	6	4	3	16331.8	6	4	3	12249.9	6	4	3	12304.9	58937.0
6	4	4	18063.1	6	4	4	16342.7	6	4	4	12254.5	6	4	4	12313.1	58973.4
6	4	5	18143.9	6	4	5	16426.2	6	4	5	12267.9	6	4	5	12314.5	59152.6
6	4	6	18177.5	6	4	6	16436.4	6	4	6	12271.4	6	4	6	12315.2	59200.5
6	4	7	18212.1	6	4	7	16442.3	6	4	7	12273.9	6	4	7	12312.9	59241.1

6	4	8	18240.8	6	4	8	16440.4	6	4	8	12277.3	6	4	8	12315.8	59274.3
6	5	3	18048.1	6	5	3	16329.4	6	5	3	12248.3	6	5	3	12315.8	58941.6
6	5	4	18060.8	6	5	4	16340.2	6	5	4	12252.9	6	5	4	12323.8	58977.6
6	5	5	18139.8	6	5	5	16424.8	6	5	5	12266.1	6	5	5	12325.2	59155.8
6	5	6	18173.3	6	5	6	16435.0	6	5	6	12269.6	6	5	6	12325.5	59203.4
6	5	7	18207.9	6	5	7	16440.8	6	5	7	12272.0	6	5	7	12323.5	59244.1
6	5	8	18236.7	6	5	8	16438.8	6	5	8	12275.5	6	5	8	12326.2	59277.2
6	6	3	18053.9	6	6	3	16328.8	6	6	3	12246.0	6	6	3	12312.9	58941.6
6	6	4	18066.5	6	6	4	16339.6	6	6	4	12250.6	6	6	4	12320.7	58977.4
6	6	5	18142.3	6	6	5	16424.0	6	6	5	12263.9	6	6	5	12321.8	59152.0
6	6	6	18175.4	6	6	6	16434.1	6	6	6	12267.4	6	6	6	12322.2	59199.1
6	6	7	18210.1	6	6	7	16439.9	6	6	7	12269.8	6	6	7	12320.2	59240.0
6	6	8	18239.1	6	6	8	16438.0	6	6	8	12273.2	6	6	8	12322.9	59273.2
6	7	3	18046.7	6	7	3	16374.4	6	7	3	12243.9	6	7	3	12312.3	58977.3
6	7	4	18059.4	6	7	4	16385.4	6	7	4	12248.4	6	7	4	12320.2	59013.4
6	7	5	18135.9	6	7	5	16468.2	6	7	5	12261.7	6	7	5	12321.5	59187.4
6	7	6	18169.3	6	7	6	16478.6	6	7	6	12265.2	6	7	6	12322.0	59235.1
6	7	7	18203.9	6	7	7	16484.7	6	7	7	12267.7	6	7	7	12319.9	59276.2
6	7	8	18233.0	6	7	8	16483.5	6	7	8	12271.2	6	7	8	12322.7	59310.4
6	8	3	18069.4	6	8	3	16424.3	6	8	3	12251.7	6	8	3	12319.2	59064.6
6	8	4	18082.0	6	8	4	16435.5	6	8	4	12256.1	6	8	4	12328.4	59102.0
6	8	5	18164.3	6	8	5	16522.0	6	8	5	12269.0	6	8	5	12330.5	59285.7
6	8	6	18197.8	6	8	6	16532.6	6	8	6	12272.4	6	8	6	12330.8	59333.6
6	8	7	18232.4	6	8	7	16538.7	6	8	7	12274.8	6	8	7	12328.4	59374.3
6	8	8	18259.8	6	8	8	16537.6	6	8	8	12278.4	6	8	8	12331.7	59407.5
7	3	3	18042.5	7	3	3	16283.3	7	3	3	12246.7	7	3	3	12316.3	58888.7
7	3	4	18055.7	7	3	4	16294.0	7	3	4	12251.4	7	3	4	12324.0	58925.2
7	3	5	18135.9	7	3	5	16370.4	7	3	5	12265.4	7	3	5	12325.2	59096.9
7	3	6	18168.9	7	3	6	16380.6	7	3	6	12268.9	7	3	6	12324.8	59143.2

7	3	7	18203.2	7	3	7	16386.5	7	3	7	12271.3	7	3	7	12322.3	59183.4
7	3	8	18230.9	7	3	8	16385.3	7	3	8	12274.7	7	3	8	12326.1	59217.0
7	4	3	18041.3	7	4	3	16342.0	7	4	3	12245.1	7	4	3	12319.6	58948.0
7	4	4	18054.6	7	4	4	16352.5	7	4	4	12249.7	7	4	4	12326.8	58983.7
7	4	5	18134.9	7	4	5	16435.6	7	4	5	12263.5	7	4	5	12327.6	59161.7
7	4	6	18168.0	7	4	6	16446.0	7	4	6	12267.0	7	4	6	12327.3	59208.3
7	4	7	18202.2	7	4	7	16452.0	7	4	7	12269.4	7	4	7	12324.9	59248.5
7	4	8	18229.7	7	4	8	16450.9	7	4	8	12272.8	7	4	8	12328.6	59282.1
7	5	3	18039.0	7	5	3	16339.6	7	5	3	12243.4	7	5	3	12330.5	58952.6
7	5	4	18052.3	7	5	4	16350.0	7	5	4	12248.2	7	5	4	12337.5	58988.0
7	5	5	18130.9	7	5	5	16434.1	7	5	5	12261.7	7	5	5	12338.3	59164.9
7	5	6	18163.8	7	5	6	16444.5	7	5	6	12265.2	7	5	6	12337.7	59211.1
7	5	7	18198.0	7	5	7	16450.4	7	5	7	12267.6	7	5	7	12335.5	59251.5
7	5	8	18225.7	7	5	8	16449.3	7	5	8	12271.0	7	5	8	12339.0	59285.0
7	6	3	18045.0	7	6	3	16339.0	7	6	3	12241.2	7	6	3	12327.6	58952.8
7	6	4	18058.1	7	6	4	16349.5	7	6	4	12245.9	7	6	4	12334.4	58987.9
7	6	5	18133.5	7	6	5	16433.4	7	6	5	12259.5	7	6	5	12334.9	59161.3
7	6	6	18166.0	7	6	6	16443.8	7	6	6	12263.0	7	6	6	12334.3	59207.2
7	6	7	18200.4	7	6	7	16449.7	7	6	7	12265.4	7	6	7	12332.2	59247.6
7	6	8	18228.2	7	6	8	16448.7	7	6	8	12268.8	7	6	8	12335.6	59281.2
7	7	3	18037.6	7	7	3	16385.4	7	7	3	12239.0	7	7	3	12327.0	58988.9
7	7	4	18050.9	7	7	4	16395.9	7	7	4	12243.7	7	7	4	12333.8	59024.3
7	7	5	18126.9	7	7	5	16478.3	7	7	5	12257.3	7	7	5	12334.6	59197.1
7	7	6	18159.7	7	7	6	16488.8	7	7	6	12260.8	7	7	6	12334.1	59243.4
7	7	7	18194.0	7	7	7	16495.1	7	7	7	12263.3	7	7	7	12331.8	59284.2
7	7	8	18221.9	7	7	8	16494.8	7	7	8	12266.7	7	7	8	12335.4	59318.8
7	8	3	18060.3	7	8	3	16434.8	7	8	3	12246.8	7	8	3	12333.6	59075.5
7	8	4	18073.5	7	8	4	16445.5	7	8	4	12251.3	7	8	4	12341.7	59112.0
7	8	5	18155.2	7	8	5	16531.5	7	8	5	12264.5	7	8	5	12343.2	59294.4

7	8	6	18188.1	7	8	6	16542.4	7	8	6	12267.9	7	8	6	12342.5	59341.0
7	8	7	18222.4	7	8	7	16548.6	7	8	7	12270.3	7	8	7	12340.0	59381.3
7	8	8	18248.7	7	8	8	16548.3	7	8	8	12273.9	7	8	8	12344.0	59414.9
8	3	3	18057.7	8	3	3	16304.8	8	3	3	12245.3	8	3	3	12324.6	58932.4
8	3	4	18071.0	8	3	4	16315.4	8	3	4	12250.0	8	3	4	12332.2	58968.6
8	3	5	18152.1	8	3	5	16391.7	8	3	5	12264.0	8	3	5	12334.0	59141.8
8	3	6	18185.2	8	3	6	16401.9	8	3	6	12267.7	8	3	6	12333.8	59188.7
8	3	7	18219.4	8	3	7	16407.9	8	3	7	12269.9	8	3	7	12331.3	59228.4
8	3	8	18246.7	8	3	8	16407.0	8	3	8	12273.3	8	3	8	12334.8	59261.7
8	4	3	18056.5	8	4	3	16363.2	8	4	3	12243.7	8	4	3	12327.9	58991.2
8	4	4	18069.9	8	4	4	16373.6	8	4	4	12248.3	8	4	4	12334.9	59026.6
8	4	5	18151.1	8	4	5	16456.6	8	4	5	12262.1	8	4	5	12336.3	59206.1
8	4	6	18184.3	8	4	6	16467.0	8	4	6	12265.7	8	4	6	12336.2	59253.3
8	4	7	18218.3	8	4	7	16473.1	8	4	7	12268.0	8	4	7	12333.7	59293.1
8	4	8	18245.5	8	4	8	16472.3	8	4	8	12271.4	8	4	8	12337.1	59326.2
8	5	3	18054.4	8	5	3	16360.8	8	5	3	12242.0	8	5	3	12339.4	58996.5
8	5	4	18067.7	8	5	4	16371.1	8	5	4	12246.7	8	5	4	12346.2	59031.7
8	5	5	18147.0	8	5	5	16455.1	8	5	5	12260.3	8	5	5	12347.6	59210.1
8	5	6	18180.1	8	5	6	16465.5	8	5	6	12263.9	8	5	6	12347.3	59256.8
8	5	7	18214.2	8	5	7	16471.5	8	5	7	12266.2	8	5	7	12344.9	59296.8
8	5	8	18241.5	8	5	8	16470.6	8	5	8	12269.6	8	5	8	12348.1	59329.9
8	6	3	18060.7	8	6	3	16360.4	8	6	3	12239.8	8	6	3	12336.5	58997.3
8	6	4	18073.9	8	6	4	16370.7	8	6	4	12244.5	8	6	4	12343.0	59032.1
8	6	5	18150.0	8	6	5	16454.5	8	6	5	12258.2	8	6	5	12344.1	59206.8
8	6	6	18182.6	8	6	6	16464.9	8	6	6	12261.8	8	6	6	12343.8	59253.2
8	6	7	18216.8	8	6	7	16470.9	8	6	7	12264.0	8	6	7	12341.5	59293.3
8	6	8	18244.2	8	6	8	16470.2	8	6	8	12267.4	8	6	8	12344.7	59326.4
8	7	3	18053.0	8	7	3	16406.8	8	7	3	12237.6	8	7	3	12335.9	59033.3
8	7	4	18066.4	8	7	4	16417.3	8	7	4	12242.2	8	7	4	12342.6	59068.5

8	7	5	18143.1	8	7	5	16499.5	8	7	5	12255.9	8	7	5	12344.0	59242.5
8	7	6	18176.0	8	7	6	16510.1	8	7	6	12259.5	8	7	6	12343.7	59289.4
8	7	7	18210.1	8	7	7	16516.5	8	7	7	12261.9	8	7	7	12341.3	59329.8
8	7	8	18237.7	8	7	8	16516.5	8	7	8	12265.3	8	7	8	12344.6	59364.0
8	8	3	18075.8	8	8	3	16456.1	8	8	3	12245.5	8	8	3	12342.6	59120.0
8	8	4	18089.1	8	8	4	16466.7	8	8	4	12249.9	8	8	4	12350.5	59156.3
8	8	5	18171.6	8	8	5	16552.6	8	8	5	12263.2	8	8	5	12352.7	59340.1
8	8	6	18204.6	8	8	6	16563.5	8	8	6	12266.7	8	8	6	12352.3	59387.2
8	8	7	18238.7	8	8	7	16569.8	8	8	7	12269.0	8	8	7	12349.6	59427.1
8	8	8	18264.6	8	8	8	16569.8	8	8	8	12272.5	8	8	8	12353.3	59460.3