ᓇᐃᓈᕈᑏᑦ ᐱᒻᒪᕆᐅᓂᖏᓐᓄᑦ ᐃᓚᖏᑦ ᐊᓚᒃᑲᐅᒪᓂᕐᐹᑦ ᐆᒪᔪᕐᓄᑦ ᖃᓄᐃᓕᒍᑕᐅᕙᑦᑐᑦ ᓯᓚᐅᑉ ᐅᖑᑰᓯᕙᓪᓕᐊᓂᖓᓄᑦ ᓂᕆᐅᒋᔭᐅᒻᒪᑕ ᐱᑕᖃᓕᕋᔭᕆᐊᖏᑦ ᓇᓄᓕᓐᓂ, ᑕᒫᓂ ᐅᖑᑰᓯᕙᓪᓕᐊᓂᖓ ᐊᖏᓂᕐᐸᖑᓯᒪᒻᒪᑕ ᐊᒻᒪᓗ ᓯᑯ ᐱᑕᖃᒃᑲᐃᒻᒪᑦ ᓱᒡᕋᑲᐅᑎᒋᒍᓐᓇᕐᑐᒥᒃ ᐱᒋᐊᕈᑕᐅᓪᓗᓂ ᓯᓚᐅᑉ ᐊᓯᔾᔨᕐᓂᖓᑕ ᐊᑦᑐᐃᓂᖓ ᑕᒫᓂ (ᐃᒻᒪᖃ, ᓯᑯᒥ) ᐆᒪᔪᕐᓂᒃ. ᐱᑕᖃᕐᑦ-ᖃᓄᐃᓪᓗᐊᕐᓂᖏᑕ ᐊᑦᑐᐃᓂᖓ ᓯᓚᐅᑉ ᐊᓯᔾᔨᕐᓂᖓᑕ, ᑭᓯᐊᓂ, ᐱᔭᕆᐊᑐᐃᓐᓇᕐᑐᖅ ᓈᓴᕋᓱᐊᕆᐊᖓ. ᐊᑐᕐᐸᑦᑐᒍ ᐊᓯᔾᔨᑦᑐᓂᒃ ᐊᖏᓪᓕᒋᐊᕐᑐᒋᑦ Cormack-Jolly-Seber ᑎᒍᔭᓂᒃ-ᐱᔭᐅᒃᑲᓂᕐᑐᓂᒃ ᐆᑦᑐᕋᐅᑎᖃᕐᓂᕐᒧᑦ ᒥᒃᓴᐅᓴᒃᑐᒋᑦ ᐱᑕᖃᕐᑦ ᖃᓄᐃᓪᓗᐊᓕᕐᒪᖔᑕ ᐊᒻᒪᓗ ᐃᓅᒍᓐᓇᕐᓂᖏᑦ ᓇᓄᐃᑦ (*Ursus maritimus*), ᐃᓚᐅᔪᑦ ᓯᑯᒥᒃ-ᐊᑐᕐᓂᕐᐹᓄᑦ ᐅᑭᐅᕐᑕᕐᑐᒥ ᑕᕆᐅᕐᒥ ᐆᒪᔪᐸᐅᔭᕐᓄᑦ. ᕿᒥᒃᕈᓚᐅᕐᑕᕗᑦ ᑎᑎᖅᑲᑦ ᐱᓪᓗᒋᑦ ᓇᓄᐃᑦ ᑎᒍᔭᐅᓯᒪᓂᑯᑦ ᐅᕙᓐᖓᑦ 1984 ᐅᕗᖓ 2004 ᑕᒫᓂ ᐱᖓᓐᓇᖓᓂ ᑭᕙᓪᓕᐅᑉ ᓯᔭᖓᓂᒃ ᑕᕆᐅᖓᑕ ᐊᒻᒪᓗ ᑰᔾᔪᐊᕋᓗᒃ, ᒫᓂᑑᑉᐸ, ᑲᓇᑕ. ᐱᖓᓐᓇᖓᓂ ᑭᕙᓪᓕᐅᑉ ᑕᕆᐅᖓᓂ ᓇᓄᐃᑦ ᐃᓄᐃᓴᓪᓕᕙᓪᓕᓚᐅᕐᑐᑦ ᐅᕙᓐᖓᑦ 1,194 (95% CI=1,020-1,368) ᑕᐃᑲᓂ 1987 ᐅᕗᖓ 935 (95% CI=794-1,076) 2004ᒥ. ᑲᑎᑦᑐᒋᑦ ᐃᓅᒍᓐᓇᕐᓂᖏᑦ ᕿᑐᕐᖏᒍᓐᓇᕐᑐᑦ-ᐃᓐᓇᐃᑦ ᓇᓄᐃᑦ (5-19 ᐊᒡᕐᒍᓖᑦ) ᓱᒡᕋᑦᑕᓗᐊᓚᐅᓐᖏᑦᑐᑦ ᐊᕐᓇᕐᓗᐃᑦ (0.93; 95% CI=0.91-0.94) ᐊᒻᒪᓗ ᐊᖑᓴᓪᓗᐃᑦ (0.90; 95% CI=0.88-0.91). ᐃᓅᒍᓐᓇᕐᓂᖏᑦ ᐱᕈᓅᕐᓯᒪᓐᖏᑦᑐᑦ, ᐱᕈᓅᓕᕐᑐᑦ, ᐊᒻᒪᓗ ᐱᑐᖅᑳᓕᕐᑐᑦ ᓇᓄᐃᑦ ᓴᓂᕐᓃᑎᑕᐅᓚᐅᕐᐳᑦ ᐅᐱᕐᖑᒃᑯᑦ ᓯᑯᐃᖃᑦᑕᕐᓂᖓᓂᒃ, ᑕᒪᓐᓇ ᐊᔾᔨᒌᑉᐸᓚᐅᓐᖏᑦᑐᖅ ᑕᒪᒃᑯᓇᓂ ᐊᒡᕐᒍᓂ ᐊᒻᒪᓗ ᐱᑕᖃᕐᐸᑦᑐᓂ ᐃᒫᓪᓗᐊᒐᓚᒃ 3 ᐱᓇᓱᐊᕈᓯᕐᓂᒃ ᕿᓚᒻᒥᐅᓂᕐᓴᐅᓕᕐᑐᓂ ᑕᐃᑲᓂ 2004 ᑕᐃᑲᓐᖓᓂᒃ 1984. ᐃᓱᒪᔪᒍᑦ ᑕᒪᓐᓇ ᓴᓂᕐᓃᑎᑕᐅᓂᖓ ᐱᑕᖃᒃᑲᐃᔪᖅ ᓇᓗᓇᓐᖏᒍᒻᒥᒃ ᖃᓄᑐᐃᓐᓇᖅ ᐊᑕᖃᑎᕈᓐᓂᖏᓐᓂᑦ ᓯᑯᐃᓴᕋᐃᐸᐸᓐᓂᖓᑕ (ᐱᔭᔪᐅᓪᓗᓂ ᓯᓚᐅᑉ ᐅᖑᑰᓯᕙᓪᓕᐊᓂᖓ) ᐊᒻᒪᓗ ᓇᓄᐃᑦ ᐃᓅᑯᑖᒍᓐᓇᐃᓪᓕᓂᖏᓐᓂᒃ. ᓇᓗᓇᐃᕐᓯᒍᓐᓇᕐᒥᔪᖅ ᓱᒻᒪᑦ ᑰᔾᔪᐊᕋᓗᒃ, ᐊᓯᖏᑎᑦ ᓄᓇᓕᑦᑎᑦ ᑕᒫᓂ ᐱᖓᓐᓇᖓᓂ ᓯᔭᖓᑕ ᑭᕙᓪᓕᐅᑉ ᑕᕆᐅᖓᑕ, ᖃᐅᔨᓯᒪᓕᕐᑐᑦ ᐊᒥᓱᕈᕐᐸᓪᓕᐊᓂᖏᓐᓂᒃ ᐃᓄᐃᑦ-ᓇᓄᐃᑦ ᑲᑐᑎᑦᑕᓕᕐᓂᖏᓐᓂᒃ ᒫᓐᓇᕈᓗᒃ ᐊᒡᕐᒍᓂ. ᓯᑯᐃᓴᕋᐃᐸᐸᓐᓂᖓ ᐊᓚᒃᑲᕈᑕᐅᓯᒪᑐᐃᓐᓇᕆᐊᓕᒃ ᐊᒥᓲᓂᕐᓴᐅᓕᕐᓂᖏᓐᓂᒃ ᓂᕿᑦᓴᖃᑦᓯᐊᓐᖏᓗᐊᓕᕐᑐᑦ ᓇᓄᐃᑦ, ᑕᒪᓐᓇ ᑎᑭᒍᑕᐅᕙᓕᕐᑐᖅ ᐃᓄᐃᑦ ᓇᔪᒐᖏᓐᓄᑦ ᕿᓂᕐᑐᑎᒃ ᓂᕆᔭᑦᓴᓂᒃ. ᐱᔭᔪᑕᐅᓪᓗᓂ ᐱᖓᓐᓇᖓᓂ ᑭᕙᓪᓕᐅᑉ ᑕᕆᐅᖓ ᖃᓂᑦᓴᕐᒪᑦ ᓂᒋᐊᓂ ᑭᓪᓕᖓᓂᒃ ᐆᒪᔪᑦ ᐅᐸᒐᖏᑕ, ᖃᐅᔨᔭᕗᑦ ᑖᓪᓖᓯᒪᑐᐃᓐᓇᕆᐊᓖᑦ ᐊᒥᓲᓂᖏᑕ ᖃᓄᐃᓕᕙᓐᓂᖏᓐᓂᒃ ᐊᒻᒪᓗ ᐊᐅᓚᑕᐅᓂᖏᓐᓄᑦ ᐊᒃᓱᕈᕐᓇᕐᑐᓂᒃ ᐃᒫᒃ ᐅᐊᓐᓇᒦᓐᓂᕐᓴᐃᑦ ᓇᓄᐃᑦ ᖃᐅᔨᓂᐊᕆᐊᖏᑕ ᑕᒪᓐᓇ ᓯᓚᐅᑉ ᐅᖑᑰᓯᕙᓪᓕᐊᓂᖓ ᐅᑭᐅᕐᑕᕐᑐᒥ ᑲᔪᓯᓐᓇᕐᐸᑦ ᑕᐃᒫᒃ ᐃᓱᒪᒋᔭᐅᒻᒪᑦ.