

Table S1. Average duration of sick leave due to accidents by nationality and deviation in agriculture, Spain (2013-2018). SD: standard deviation

| Description (code) | No. of accidents | | No. of lost working days | | SD | | p-value | 95% confidence intervals | | t-Student | df |
|---|------------------|---------|--------------------------|---------|-------|---------|---------|--------------------------|---------|-----------|--------|
| | Spain | Foreign | Spain | Foreign | Spain | Foreign | | Lower | Upper | | |
| Uncoordinated movements, untimely, inopportune gestures (064) | 16,873 | 6,202 | 29.15 | 24.87 | 42.59 | 37.30 | 0.000 | -5.478 | -3.077 | -6.985 | 23,073 |
| Fall of a person at the same level (052) | 16,901 | 5,627 | 43.28 | 35.44 | 57.00 | 46.64 | 0.000 | -9.488 | -6.194 | -9.332 | 22,526 |
| Lift, carry, get up (071) | 11,795 | 5,332 | 27.52 | 24.73 | 41.60 | 35.80 | 0.000 | -4.081 | -1.500 | -4.239 | 17,125 |
| Fall of a person from a height (051) | 6,869 | 2,565 | 52.70 | 41.53 | 65.67 | 54.37 | 0.000 | -14.018 | -8.321 | -7.686 | 9,432 |
| Total or partial loss of control of tools and materials (043) | 5,294 | 2,326 | 26.82 | 22.88 | 38.60 | 37.98 | 0.000 | -5.812 | -2.066 | -4.122 | 7,618 |
| Walk with difficulty, stumble, trip without falling, slip without falling (075) | 5,664 | 1,706 | 32.73 | 29.26 | 43.14 | 38.64 | 0.003 | -5.572 | -1.189 | -2.982 | 7,268 |
| Total or partial loss of control of transported materials (044) | 4,783 | 1,987 | 29.14 | 24.75 | 43.20 | 37.40 | 0.000 | -6.563 | -2.212 | -3.953 | 6,768 |
| Push, pull (072) | 4,728 | 1,388 | 29.01 | 26.43 | 42.59 | 40.20 | 0.044 | -5.099 | -0.064 | -2.010 | 6,114 |
| When rotating or manipulating in rotation, in torsion of a load, an object (074) | 4,206 | 1,424 | 28.02 | 25.01 | 42.31 | 35.62 | 0.016 | -5.463 | -0.568 | -2.415 | 5,628 |
| Lay down a load, an object, stoop (073) | 3,006 | 1,451 | 25.24 | 25.44 | 35.58 | 36.04 | 0.860 | -2.038 | 2.441 | 0.177 | 4,455 |
| Unspecified group 6 deviation (069) | 2,801 | 843 | 28.84 | 23.09 | 43.42 | 34.04 | 0.000 | -8.949 | -2.566 | -3.537 | 3,642 |
| Unspecified group 7 deviation (079) | 2,517 | 740 | 27.81 | 24.47 | 40.25 | 34.49 | 0.041 | -6.532 | -0.134 | -2.043 | 3,255 |
| Slip, fall, collapse material agent falling from above on worker (033) | 1,962 | 677 | 36.75 | 31.86 | 53.71 | 48.47 | 0.036 | -9.474 | -0.312 | -2.094 | 2,637 |
| Total or partial loss control of means of transport or charge equipment (042) | 1,730 | 668 | 46.00 | 42.33 | 58.54 | 55.63 | 0.162 | -8.836 | 1.480 | -1.398 | 2,396 |
| Aggression, push, by animals (084) | 1,368 | 277 | 43.22 | 22.02 | 54.26 | 28.91 | 0.000 | -27.774 | -14.621 | -6.322 | 1,643 |
| Slip, fall, collapse of the material agent that is overturned on the worker (035) | 1,173 | 459 | 36.03 | 30.65 | 49.29 | 44.23 | 0.042 | -10.555 | -0.206 | -2.039 | 1,630 |
| Caught between objects (063) | 999 | 400 | 42.66 | 43.46 | 56.89 | 58.27 | 0.814 | -5.853 | 7.447 | 0.235 | 1,397 |
| Total or partial loss of machine control (041) | 1,075 | 314 | 43.85 | 41.07 | 57.73 | 62.55 | 0.462 | -11.186 | 4.625 | -0.737 | 1,387 |
| Fall, collapse of the material agent on which the falling worker (034) | 971 | 322 | 45.11 | 31.65 | 65.57 | 47.43 | 0.000 | -21.227 | -5.693 | -3.400 | 1,291 |
| Unspecified group 5 deviation (059) | 970 | 271 | 38.03 | 33.90 | 50.97 | 49.8.93 | 0.235 | -10.938 | 2.686 | -1.188 | 1,239 |
| Break, burst, into fragments (wood, glass, metal, stone, others) (032) | 890 | 301 | 25.81 | 26.34 | 45.90 | 47.51 | 0.864 | -5.531 | 6.586 | 0.171 | 1,189 |
| Unspecified group 3 deviation (039) | 836 | 243 | 33.49 | 32.32 | 49.77 | 54.31 | 0.751 | -8.442 | 6.093 | -0.317 | 1,077 |
| Unspecified group 4 deviation (049) | 703 | 261 | 32.85 | 27.58 | 53.19 | 44.16 | 0.153 | -12.516 | 1.966 | -1.430 | 962 |
| Another deviation (099) | 3,051 | 965 | 29.11 | 27.42 | 47.50 | 43.10 | 0.326 | -5.051 | 1.681 | -0.982 | 4,104 |
| Without information (000) | 3,521 | 809 | 35.05 | 25.57 | 52.19 | 41.27 | 0.000 | -13.332 | -5.638 | -4.834 | 4,328 |

Table S2. Average duration of sick leave due to accidents by nationality and injury in agriculture, Spain (2013-2018). SD: standard deviation

| Description (code) | No. of accidents | | No. of lost working days | | SD | | p-value | 95% confidence intervals | | t-Student | df |
|--|------------------|---------|--------------------------|---------|--------|---------|---------|--------------------------|--------|-----------|--------|
| | Spain | Foreign | Spain | Foreign | Spain | Foreign | | Lower | Upper | | |
| Superficial wounds and injuries (010) | 34,450 | 14,898 | 26.54 | 20.46 | 46.69 | 28.66 | 0.000 | -9.999 | -2.266 | -3.124 | 2,629 |
| Bone crushing (020) | 9,580 | 2,705 | 81.77 | 75.43 | 73.31 | 67.67 | 0.000 | -9.407 | -3.253 | -4.032 | 12,283 |
| Dislocations, sprains and strains (030) | 51,780 | 16,810 | 31.43 | 26.65 | 44.30 | 37.22 | 0.000 | -5.521 | -4.036 | -12.616 | 68,588 |
| Amputations (040) | 375 | 130 | 87.42 | 84.06 | 71.95 | 67.24 | 0.641 | -17.509 | 10.795 | 0.466 | 503 |
| Concussions, and internal lesions (050) | 6,619 | 2,171 | 34.01 | 31.43 | 47.96 | 46.77 | 0.028 | -4.899 | -0.276 | -2.194 | 8,788 |
| Burns, scalds and frostbite (060) | 565 | 149 | 27.64 | 25.36 | 45.09 | 47.36 | 0.587 | -10.521 | 5.958 | -0.544 | 712 |
| Poisonings and infections (070) | 167 | 90 | 20.44 | 21.31 | 32.59 | 48.40 | 0.864 | -9.129 | 10.877 | 0.172 | 255 |
| Drowning and asphyxiation (080) | 22 | 8 | 17.36 | 7.63 | 19.13 | 4.81 | 0.180 | -23.898 | 4.421 | -1.409 | 28 |
| Effects of noise, vibration and pressure (090) | 48 | 20 | 28.81 | 12.85 | 37.88 | 7.70 | 0.067 | -33.092 | 1.167 | -1.861 | 66 |
| Extreme temperatures effects (100) | 43 | 24 | 42.00 | 18.63 | 71.60 | 34.24 | 0.143 | -54.166 | 7.974 | -1.485 | 65 |
| Psychic trauma, traumatic shock (110) | 350 | 143 | 27.96 | 22.03 | 49.27 | 38.44 | 0.198 | -14.979 | 3.115 | -1.288 | 491 |
| Multiple lesions (120) | 992 | 322 | 55.06 | 43.66 | 72.92 | 58.88 | 0.011 | -20.170 | -2.618 | -2.547 | 1,312 |
| Hearth attacks, strokes and other non-traumatic diseases (130) | 111 | 30 | 180.47 | 182.50 | 100.51 | 89.30 | 0.920 | -37.952 | 42.015 | 0.101 | 139 |
| Other injuries (999) | 2,434 | 960 | 29.48 | 26.03 | 44.55 | 38.92 | 0.036 | -6.662 | -0,231 | -2.102 | 3,392 |
| Unknow injury (000) | 1,986 | 645 | 23.70 | 21.71 | 36.70 | 33.54 | 0.002 | -2.669 | -1.294 | -5.649 | 49,346 |

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Table S3. Average duration of sick leave due to accidents by nationality and hour of the day in agriculture, Spain (2013-2018). SD: standard deviation

| Hour of the day | No. of accidents | | No. of lost working days | | SD | | p-value | 95% confidence intervals | | t-Student | df |
|-----------------|------------------|---------|--------------------------|---------|-------|---------|---------|--------------------------|--------|-----------|--------|
| | Spain | Foreign | Spain | Foreign | Spain | Foreign | | Lower | Upper | | |
| | | | | | | | | | | | |
| 02 | 1,028 | 311 | 33.12 | 29.63 | 48.65 | 46.52 | 0.264 | -9.601 | 2.630 | -1.118 | 1,337 |
| 03 | 986 | 326 | 33.76 | 29.90 | 50.51 | 40.48 | 0.210 | -9.904 | 2.182 | -1.253 | 1,310 |
| 04 | 804 | 292 | 33.48 | 27.96 | 49.05 | 42.08 | 0.088 | -11.858 | 0.823 | -1.707 | 1,094 |
| 05 | 621 | 205 | 37.38 | 35.75 | 53.60 | 48.97 | 0.699 | -9.933 | 6.666 | -0.386 | 824 |
| 06 | 550 | 185 | 37.02 | 30.06 | 49.97 | 48.88 | 0.100 | -15.249 | 1.335 | -1.647 | 733 |
| 07 | 1,336 | 400 | 35.59 | 33.30 | 49.49 | 49.22 | 0.417 | -7.811 | 3.240 | -0.811 | 1,734 |
| 08 | 5,456 | 1,847 | 35.23 | 29.98 | 51.95 | 44.62 | 0.000 | -7.901 | -2.602 | -3.886 | 7,301 |
| 09 | 11,065 | 3,840 | 33.82 | 26.74 | 49.96 | 39.64 | 0.000 | -8.827 | -5.338 | -7.959 | 14,903 |
| 10 | 17,322 | 6,081 | 32.58 | 28.05 | 47.74 | 40.80 | 0.000 | -5.874 | -3.184 | -6.601 | 23,401 |
| 11 | 15,304 | 5,320 | 32.87 | 29.03 | 47.61 | 42.57 | 0.000 | -5.285 | -2.392 | -5.202 | 20,622 |
| 12 | 17,314 | 5,888 | 32.13 | 27.45 | 46.51 | 39.30 | 0.000 | -6.008 | 3.360 | -6.932 | 23,200 |
| 13 | 9,512 | 3,195 | 33.81 | 29.02 | 50.03 | 43.89 | 0.000 | -6.741 | -2.849 | -4.830 | 12,705 |
| 14 | 4,371 | 1,533 | 34.78 | 31.04 | 50.87 | 47.27 | 0.012 | -6.644 | -0.830 | -2.520 | 5,902 |
| 15 | 3,841 | 1,791 | 33.74 | 29.48 | 49.55 | 40.07 | 0.001 | -6.888 | -1.644 | -3.189 | 5,630 |
| 16 | 5,743 | 2,764 | 34.87 | 30.44 | 48.95 | 48.01 | 0.000 | -6.645 | -2-229 | -3.939 | 8,505 |
| 17 | 5,389 | 2,394 | 35.50 | 29.72 | 49.73 | 43.34 | 0.000 | -8.083 | -3.475 | -4.916 | 7,781 |
| 18 | 3,515 | 1,332 | 38.36 | 27.48 | 51.93 | 38.87 | 0.000 | -13.948 | -7.805 | -6.942 | 4,845 |
| 19 | 1,822 | 546 | 41.26 | 29.21 | 56.41 | 40.89 | 0.000 | -17.139 | -6.951 | -4.638 | 2,366 |
| 20 | 1,057 | 252 | 42.91 | 28.19 | 55.99 | 41.30 | 0.000 | -22.075 | -7.362 | -3.926 | 1,307 |
| 21 | 552 | 86 | 40.21 | 18.72 | 55.81 | 20.82 | 0.000 | -33.456 | -9.515 | -3.525 | 636 |
| 22 | 279 | 69 | 29.95 | 29.20 | 44.66 | 48.56 | 0.903 | -12.764 | 11.277 | -0.122 | 363 |
| 23 | 169 | 57 | 40.41 | 27.44 | 56.40 | 42.06 | 0.113 | -29.027 | 3.076 | -1.593 | 224 |
| 24 | 173 | 38 | 30.55 | 28.63 | 39.74 | 58.04 | 0.805 | -17.275 | 13.429 | -0.247 | 209 |

Table S4. Average duration of sick leave due to accidents by nationality and region in agriculture, Spain (2013-2018). SD: standard deviation

| Region | No. of accidents | | No. of lost working days | | SD | | p-value | 95% confidence intervals | | t-Student | df |
|--------------------|------------------|---------|--------------------------|---------|-------|---------|---------|--------------------------|---------|-----------|--------|
| | Spain | Foreign | Spain | Foreign | Spain | Foreign | | Lower | Upper | | |
| | | | | | | | | Andalusia | 45,412 | | |
| Aragon | 1,825 | 2,074 | 41.49 | 32.40 | 52.51 | 49.51 | 0.000 | -12.303 | -5.893 | -5.565 | 3,897 |
| Asturias | 304 | 57 | 56.29 | 10.32 | 73.12 | 77.88 | 0.000 | -25.259 | 16.686 | 0.402 | 359 |
| Cantabria | 139 | 15 | 51.03 | 36.87 | 67.17 | 63.67 | 0.437 | -50.059 | 21.735 | -0.779 | 152 |
| Castilla la Mancha | 7,545 | 2,548 | 35.37 | 29.53 | 49.96 | 44.26 | 0.000 | -8.013 | -3.649 | -5.239 | 10,091 |
| Castilla Leon | 4,705 | 1,471 | 45.41 | 29.12 | 59.88 | 46.31 | 0.000 | -19.956 | -12.956 | -9.577 | 6,174 |
| Catalonia | 3,225 | 3,392 | 35.61 | 30.15 | 50.04 | 44.86 | 0.000 | -7.746 | -3.170 | -4.676 | 6,615 |
| Ceuta | 3 | 0 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Madrid | 639 | 280 | 31.22 | 31.49 | 46.22 | 51.17 | 0.938 | -6.452 | 6.989 | 0.078 | 917 |
| Valencia | 13,219 | 6,075 | 32.09 | 32.53 | 44.36 | 44.26 | 0.520 | -0.906 | 1.791 | 0.644 | 19,292 |
| Extremadura | 13,538 | 640 | 33.45 | 27.93 | 49.74 | 39.19 | 0.005 | -9.428 | -1.608 | -2.766 | 14,176 |
| Galicia | 2,186 | 138 | 64.44 | 46.91 | 74.10 | 70.20 | 0.007 | -30.239 | -4.810 | -2.703 | 2,322 |
| Balearic Islands | 4,573 | 1,216 | 29.71 | 27.87 | 47.91 | 47.28 | 0.233 | -4.862 | 1.181 | -1.194 | 5,787 |
| La Rioja | 797 | 522 | 35.58 | 32.67 | 41.33 | 50.97 | 0.216 | -8.174 | 1.853 | -1.237 | 1,317 |
| Melilla | 0 | 1 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Navarra | 1,036 | 749 | 38.94 | 27.51 | 53.40 | 40.56 | 0.000 | -15.985 | -6.874 | -4.920 | 1,783 |
| Basque Country | 604 | 236 | 43.00 | 26.67 | 56.14 | 40.50 | 0.000 | -24.201 | -8.462 | -4.073 | 838 |
| Murcia | 9,772 | 10,363 | 30.77 | 25.64 | 44.20 | 36.33 | 0.000 | -6.249 | -4.019 | -9.026 | 20,133 |

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