## Weights summary table

| Characteristic | Cuenca Carhuapanas, N = 4951 | Cuenca Itaya, N = 3,0011 | Cuenca Manití, N = 1051 | Cuenca Morona, N = 1,0341 | Cuenca Nanay, N = 3,4821 | Cuenca Napo, N = 14,8751 | Cuenca Paranapura, N = 3,6531 | Cuenca Pastaza, N = 4,4631 | Cuenca Potro, N = 281 | Cuenca Putumayo, N = 8611 | Cuenca Tahuayo, N = 1201 | Cuenca Tapiche, N = 5941 | Cuenca Tigre, N = 2,8491 | Cuenca Yavari, N = 7001 | Intercuenca 4977, N = 20,2971 | Intercuenca 49791, N = 781 | Intercuenca 49793, N = 5951 | Intercuenca 49795, N = 281 | Intercuenca 49797, N = 1,0811 | Intercuenca 49799, N = 5271 | Intercuenca 49871, N = 451 | Intercuenca 49873, N = 451 | Intercuenca 49877, N = 8601 | Intercuenca 49911, N = 2101 | Intercuenca 49913, N = 2,5561 | Intercuenca 49915, N = 361 | Intercuenca Bajo Huallaga, N = 1,8911 | Intercuenca Bajo Marañón, N = 1,0791 | Intercuenca Medio Bajo Huallaga, N = 6651 | Intercuenca Medio Bajo Marañón, N = 7,6251 | Intercuenca Medio Marañón, N = 661 | Overall, N = 73,9441 |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| distance | 0.39 (0.19) | 0.38 (0.19) | 0.47 (0.24) | 0.41 (0.21) | 0.28 (0.14) | 0.35 (0.20) | 0.38 (0.17) | 0.44 (0.21) | 0.48 (0.28) | 0.38 (0.19) | 0.41 (0.22) | 0.45 (0.23) | 0.39 (0.19) | 0.51 (0.29) | 0.40 (0.20) | 0.44 (0.22) | 0.42 (0.21) | 0.48 (0.25) | 0.38 (0.22) | 0.43 (0.20) | 0.44 (0.23) | 0.45 (0.24) | 0.42 (0.17) | 0.43 (0.23) | 0.37 (0.18) | 0.56 (0.27) | 0.44 (0.21) | 0.40 (0.20) | 0.42 (0.21) | 0.42 (0.18) | 0.49 (0.24) | 0.39 (0.20) |
| time | 0.44 (0.20) | 0.26 (0.14) | 0.47 (0.22) | 0.40 (0.18) | 0.39 (0.20) | 0.45 (0.21) | 0.31 (0.17) | 0.47 (0.18) | 0.54 (0.27) | 0.37 (0.19) | 0.44 (0.21) | 0.41 (0.20) | 0.41 (0.18) | 0.48 (0.25) | 0.36 (0.17) | 0.43 (0.19) | 0.38 (0.17) | 0.58 (0.26) | 0.35 (0.24) | 0.49 (0.21) | 0.43 (0.23) | 0.42 (0.23) | 0.29 (0.19) | 0.48 (0.22) | 0.41 (0.18) | 0.54 (0.26) | 0.30 (0.17) | 0.20 (0.15) | 0.35 (0.21) | 0.21 (0.10) | 0.40 (0.24) | 0.37 (0.20) |
| d\_inv | 0.16 (0.09) | 0.13 (0.05) | 0.20 (0.15) | 0.12 (0.06) | 0.13 (0.05) | 0.12 (0.04) | 0.12 (0.04) | 0.11 (0.03) | 0.27 (0.22) | 0.12 (0.05) | 0.26 (0.18) | 0.13 (0.07) | 0.11 (0.03) | 0.10 (0.04) | 0.11 (0.02) | 0.26 (0.16) | 0.15 (0.08) | 0.36 (0.23) | 0.17 (0.09) | 0.14 (0.06) | 0.24 (0.19) | 0.21 (0.17) | 0.14 (0.07) | 0.19 (0.14) | 0.12 (0.04) | 0.19 (0.17) | 0.12 (0.04) | 0.15 (0.09) | 0.17 (0.10) | 0.11 (0.03) | 0.17 (0.12) | 0.12 (0.05) |
| d\_pop\_grav | 0.13 (0.07) | 0.10 (0.02) | 0.15 (0.12) | 0.13 (0.07) | 0.10 (0.02) | 0.10 (0.01) | 0.10 (0.02) | 0.10 (0.02) | 0.33 (0.26) | 0.11 (0.04) | 0.22 (0.16) | 0.11 (0.05) | 0.10 (0.02) | 0.11 (0.06) | 0.10 (0.01) | 0.23 (0.16) | 0.13 (0.08) | 0.27 (0.20) | 0.12 (0.06) | 0.12 (0.06) | 0.14 (0.14) | 0.18 (0.19) | 0.14 (0.09) | 0.14 (0.10) | 0.11 (0.04) | 0.20 (0.23) | 0.10 (0.02) | 0.11 (0.05) | 0.11 (0.08) | 0.10 (0.01) | 0.23 (0.18) | 0.11 (0.03) |
| d\_pop\_mgrav\_from | 0.13 (0.07) | 0.10 (0.02) | 0.24 (0.19) | 0.13 (0.05) | 0.10 (0.02) | 0.10 (0.02) | 0.12 (0.03) | 0.11 (0.02) | 0.28 (0.22) | 0.12 (0.05) | 0.26 (0.19) | 0.10 (0.04) | 0.12 (0.05) | 0.11 (0.05) | 0.10 (0.01) | 0.29 (0.21) | 0.11 (0.05) | 0.36 (0.20) | 0.11 (0.04) | 0.14 (0.10) | 0.14 (0.14) | 0.21 (0.16) | 0.15 (0.08) | 0.13 (0.08) | 0.12 (0.05) | 0.14 (0.15) | 0.11 (0.04) | 0.10 (0.03) | 0.11 (0.08) | 0.11 (0.02) | 0.17 (0.12) | 0.11 (0.04) |
| d\_pop\_mgrav\_to | 0.16 (0.09) | 0.10 (0.03) | 0.20 (0.14) | 0.11 (0.04) | 0.10 (0.02) | 0.10 (0.02) | 0.13 (0.06) | 0.12 (0.04) | 0.24 (0.20) | 0.14 (0.08) | 0.20 (0.13) | 0.11 (0.07) | 0.11 (0.03) | 0.12 (0.07) | 0.10 (0.01) | 0.35 (0.22) | 0.14 (0.08) | 0.38 (0.25) | 0.13 (0.06) | 0.16 (0.09) | 0.23 (0.19) | 0.18 (0.16) | 0.15 (0.08) | 0.11 (0.06) | 0.11 (0.04) | 0.25 (0.23) | 0.11 (0.04) | 0.11 (0.06) | 0.12 (0.05) | 0.11 (0.02) | 0.23 (0.17) | 0.11 (0.04) |
| d\_pop\_mgrav | 0.14 (0.07) | 0.10 (0.02) | 0.25 (0.18) | 0.13 (0.06) | 0.10 (0.02) | 0.11 (0.02) | 0.12 (0.04) | 0.12 (0.04) | 0.32 (0.22) | 0.13 (0.06) | 0.24 (0.14) | 0.10 (0.04) | 0.12 (0.04) | 0.12 (0.06) | 0.10 (0.02) | 0.32 (0.20) | 0.11 (0.05) | 0.41 (0.22) | 0.11 (0.04) | 0.18 (0.12) | 0.14 (0.14) | 0.24 (0.16) | 0.16 (0.08) | 0.12 (0.07) | 0.11 (0.04) | 0.14 (0.15) | 0.11 (0.04) | 0.10 (0.03) | 0.12 (0.08) | 0.11 (0.03) | 0.27 (0.18) | 0.11 (0.04) |
| d\_adef\_grav | 0.17 (0.12) | 0.12 (0.04) | 0.13 (0.12) | 0.12 (0.06) | 0.11 (0.04) | 0.10 (0.02) | 0.13 (0.05) | 0.11 (0.03) | 0.29 (0.22) | 0.11 (0.04) | 0.26 (0.18) | 0.11 (0.05) | 0.11 (0.03) | 0.10 (0.04) | 0.10 (0.01) | 0.23 (0.15) | 0.12 (0.05) | 0.32 (0.26) | 0.16 (0.07) | 0.13 (0.05) | 0.20 (0.17) | 0.22 (0.20) | 0.12 (0.05) | 0.16 (0.11) | 0.11 (0.03) | 0.18 (0.16) | 0.11 (0.04) | 0.13 (0.07) | 0.14 (0.07) | 0.10 (0.02) | 0.16 (0.13) | 0.11 (0.04) |
| d\_adef\_mgrav\_from | 0.13 (0.09) | 0.16 (0.08) | 0.30 (0.23) | 0.14 (0.08) | 0.11 (0.04) | 0.13 (0.06) | 0.15 (0.08) | 0.12 (0.08) | 0.35 (0.22) | 0.13 (0.05) | 0.29 (0.23) | 0.11 (0.08) | 0.15 (0.07) | 0.13 (0.09) | 0.10 (0.02) | 0.35 (0.24) | 0.30 (0.15) | 0.44 (0.21) | 0.26 (0.14) | 0.16 (0.09) | 0.36 (0.25) | 0.22 (0.16) | 0.14 (0.12) | 0.25 (0.17) | 0.14 (0.08) | 0.49 (0.28) | 0.23 (0.15) | 0.12 (0.08) | 0.22 (0.15) | 0.13 (0.06) | 0.23 (0.17) | 0.13 (0.08) |
| d\_adef\_mgrav\_to | 0.12 (0.08) | 0.19 (0.10) | 0.28 (0.16) | 0.17 (0.10) | 0.11 (0.06) | 0.13 (0.04) | 0.13 (0.04) | 0.12 (0.06) | 0.27 (0.21) | 0.13 (0.07) | 0.38 (0.21) | 0.11 (0.05) | 0.14 (0.07) | 0.13 (0.10) | 0.10 (0.03) | 0.25 (0.20) | 0.26 (0.16) | 0.40 (0.28) | 0.27 (0.15) | 0.18 (0.10) | 0.58 (0.24) | 0.27 (0.21) | 0.11 (0.06) | 0.22 (0.17) | 0.15 (0.08) | 0.52 (0.26) | 0.20 (0.11) | 0.11 (0.04) | 0.34 (0.15) | 0.11 (0.05) | 0.26 (0.18) | 0.13 (0.08) |
| d\_adef\_mgrav | 0.13 (0.10) | 0.22 (0.12) | 0.31 (0.22) | 0.19 (0.11) | 0.11 (0.06) | 0.14 (0.06) | 0.16 (0.08) | 0.13 (0.08) | 0.36 (0.22) | 0.14 (0.07) | 0.29 (0.22) | 0.11 (0.08) | 0.15 (0.07) | 0.15 (0.11) | 0.11 (0.03) | 0.42 (0.26) | 0.30 (0.15) | 0.41 (0.27) | 0.29 (0.16) | 0.19 (0.11) | 0.36 (0.24) | 0.30 (0.21) | 0.14 (0.12) | 0.24 (0.17) | 0.16 (0.08) | 0.52 (0.26) | 0.24 (0.14) | 0.13 (0.08) | 0.23 (0.15) | 0.13 (0.05) | 0.26 (0.16) | 0.14 (0.09) |
| t\_inv | 0.16 (0.10) | 0.11 (0.05) | 0.20 (0.16) | 0.13 (0.06) | 0.11 (0.05) | 0.10 (0.02) | 0.11 (0.04) | 0.10 (0.02) | 0.22 (0.19) | 0.14 (0.09) | 0.22 (0.14) | 0.14 (0.08) | 0.11 (0.03) | 0.11 (0.06) | 0.11 (0.01) | 0.20 (0.12) | 0.12 (0.07) | 0.28 (0.19) | 0.15 (0.08) | 0.12 (0.05) | 0.19 (0.18) | 0.20 (0.17) | 0.12 (0.07) | 0.16 (0.10) | 0.12 (0.04) | 0.18 (0.16) | 0.12 (0.05) | 0.11 (0.05) | 0.12 (0.06) | 0.10 (0.01) | 0.26 (0.14) | 0.11 (0.04) |
| t\_pop\_grav | 0.14 (0.08) | 0.10 (0.02) | 0.15 (0.13) | 0.12 (0.06) | 0.10 (0.02) | 0.10 (0.01) | 0.11 (0.03) | 0.10 (0.02) | 0.29 (0.23) | 0.11 (0.05) | 0.24 (0.19) | 0.11 (0.05) | 0.10 (0.02) | 0.11 (0.04) | 0.10 (0.02) | 0.25 (0.18) | 0.11 (0.07) | 0.35 (0.27) | 0.11 (0.04) | 0.12 (0.05) | 0.15 (0.16) | 0.15 (0.15) | 0.11 (0.05) | 0.14 (0.11) | 0.11 (0.04) | 0.18 (0.20) | 0.10 (0.02) | 0.10 (0.04) | 0.11 (0.07) | 0.10 (0.01) | 0.19 (0.15) | 0.10 (0.03) |
| t\_pop\_mgrav\_from | 0.13 (0.07) | 0.10 (0.02) | 0.21 (0.16) | 0.15 (0.07) | 0.10 (0.02) | 0.10 (0.01) | 0.12 (0.04) | 0.11 (0.03) | 0.29 (0.24) | 0.12 (0.05) | 0.26 (0.18) | 0.10 (0.04) | 0.12 (0.05) | 0.11 (0.04) | 0.10 (0.01) | 0.28 (0.20) | 0.11 (0.05) | 0.43 (0.21) | 0.11 (0.03) | 0.14 (0.09) | 0.13 (0.14) | 0.22 (0.16) | 0.13 (0.06) | 0.13 (0.08) | 0.12 (0.05) | 0.14 (0.15) | 0.11 (0.04) | 0.10 (0.04) | 0.11 (0.07) | 0.11 (0.03) | 0.22 (0.16) | 0.11 (0.04) |
| t\_pop\_mgrav\_to | 0.17 (0.11) | 0.10 (0.03) | 0.18 (0.14) | 0.12 (0.05) | 0.10 (0.02) | 0.10 (0.01) | 0.12 (0.05) | 0.12 (0.05) | 0.26 (0.22) | 0.13 (0.07) | 0.21 (0.14) | 0.11 (0.06) | 0.11 (0.03) | 0.12 (0.08) | 0.10 (0.02) | 0.34 (0.21) | 0.12 (0.06) | 0.32 (0.20) | 0.12 (0.05) | 0.17 (0.10) | 0.22 (0.18) | 0.18 (0.16) | 0.14 (0.09) | 0.11 (0.06) | 0.11 (0.04) | 0.23 (0.20) | 0.11 (0.04) | 0.11 (0.04) | 0.12 (0.05) | 0.12 (0.04) | 0.21 (0.15) | 0.11 (0.04) |
| t\_pop\_mgrav | 0.14 (0.07) | 0.10 (0.02) | 0.22 (0.15) | 0.16 (0.07) | 0.10 (0.02) | 0.11 (0.02) | 0.13 (0.05) | 0.13 (0.05) | 0.33 (0.23) | 0.13 (0.06) | 0.27 (0.15) | 0.10 (0.04) | 0.12 (0.04) | 0.12 (0.05) | 0.10 (0.02) | 0.30 (0.19) | 0.11 (0.05) | 0.42 (0.21) | 0.11 (0.04) | 0.17 (0.10) | 0.13 (0.14) | 0.25 (0.16) | 0.13 (0.07) | 0.12 (0.07) | 0.12 (0.04) | 0.15 (0.15) | 0.11 (0.05) | 0.11 (0.04) | 0.11 (0.07) | 0.11 (0.03) | 0.23 (0.15) | 0.11 (0.04) |
| t\_adef\_grav | 0.17 (0.11) | 0.11 (0.03) | 0.14 (0.15) | 0.11 (0.04) | 0.11 (0.03) | 0.10 (0.02) | 0.11 (0.03) | 0.10 (0.02) | 0.32 (0.24) | 0.11 (0.04) | 0.23 (0.15) | 0.12 (0.07) | 0.10 (0.03) | 0.11 (0.06) | 0.11 (0.02) | 0.26 (0.16) | 0.11 (0.05) | 0.25 (0.23) | 0.14 (0.06) | 0.12 (0.04) | 0.18 (0.19) | 0.19 (0.16) | 0.11 (0.05) | 0.15 (0.09) | 0.11 (0.03) | 0.17 (0.16) | 0.11 (0.04) | 0.11 (0.05) | 0.13 (0.08) | 0.10 (0.02) | 0.22 (0.14) | 0.11 (0.03) |
| t\_adef\_mgrav\_from | 0.14 (0.14) | 0.13 (0.08) | 0.33 (0.26) | 0.15 (0.08) | 0.11 (0.04) | 0.13 (0.05) | 0.14 (0.08) | 0.12 (0.07) | 0.39 (0.23) | 0.13 (0.06) | 0.31 (0.24) | 0.11 (0.08) | 0.18 (0.11) | 0.13 (0.08) | 0.10 (0.02) | 0.36 (0.24) | 0.23 (0.15) | 0.41 (0.20) | 0.24 (0.15) | 0.16 (0.11) | 0.35 (0.24) | 0.21 (0.13) | 0.13 (0.11) | 0.28 (0.16) | 0.15 (0.09) | 0.50 (0.28) | 0.26 (0.19) | 0.12 (0.11) | 0.24 (0.18) | 0.13 (0.06) | 0.18 (0.14) | 0.13 (0.09) |
| t\_adef\_mgrav\_to | 0.12 (0.07) | 0.13 (0.05) | 0.25 (0.16) | 0.20 (0.12) | 0.12 (0.07) | 0.13 (0.04) | 0.12 (0.03) | 0.12 (0.06) | 0.29 (0.21) | 0.13 (0.06) | 0.40 (0.20) | 0.11 (0.06) | 0.14 (0.06) | 0.13 (0.10) | 0.10 (0.03) | 0.26 (0.20) | 0.26 (0.16) | 0.42 (0.26) | 0.25 (0.16) | 0.15 (0.10) | 0.53 (0.26) | 0.25 (0.19) | 0.11 (0.05) | 0.25 (0.18) | 0.16 (0.10) | 0.50 (0.25) | 0.17 (0.09) | 0.10 (0.04) | 0.18 (0.08) | 0.13 (0.07) | 0.20 (0.16) | 0.13 (0.07) |
| t\_adef\_mgrav | 0.15 (0.15) | 0.15 (0.09) | 0.35 (0.25) | 0.22 (0.12) | 0.12 (0.08) | 0.14 (0.05) | 0.14 (0.06) | 0.12 (0.07) | 0.42 (0.22) | 0.13 (0.06) | 0.32 (0.24) | 0.12 (0.08) | 0.15 (0.06) | 0.16 (0.12) | 0.11 (0.03) | 0.42 (0.25) | 0.32 (0.18) | 0.44 (0.24) | 0.28 (0.19) | 0.18 (0.13) | 0.35 (0.24) | 0.27 (0.18) | 0.14 (0.12) | 0.27 (0.17) | 0.18 (0.11) | 0.53 (0.27) | 0.28 (0.19) | 0.13 (0.12) | 0.25 (0.18) | 0.14 (0.07) | 0.21 (0.14) | 0.14 (0.09) |
| 1Mean (SD) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |