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| **Table 4: WOMAC pain and function 2 years after total hip arthroplasty: interaction between race and percent of Medicaid coverage at census-tract level** | | | | | | | |
| **Percent of Medicaid Coverage at Census-Tract Level** | **Race** | **WOMAC Pain at 2 Years\*** | | | **WOMAC Function at 2 Years\*\*** | | |
| **Estimate (Standard Error)** | **Est. Difference (Standard Error)** | **P-Value** | **Estimate (Standard Error)** | **Est. Difference (Standard Error)** | **P-Value** |
| 10% | Black  White | 88.44 (1.59)  90.43 (1.05) | -1.99 (1.29) | 0.12 | 85.96 (1.78)  87.95 (1.19) | -1.99 (1.44) | 0.17 |
| 20% | Black  White | 87.54 (1.28)  90.13 (1.08) | -2.59 (1.12) | 0.02 | 84.11 (1.43)  87.59 (1.22) | -3.48 (1.26) | 0.01 |
| 30% | Black  White | 86.63 (1.38)  89.82 (1.16) | -3.20 (1.45) | 0.03 | 82.27 (1.49)  87.23 (1.31) | -4.96 (1.60) | 0.002 |
| 40% | Black  White | 85.72 (1.81)  89.52 (1.28) | -3.80 (2.04) | 0.06 | 80.42 (1.93)  86.87 (1.45) | -6.45 (2.24) | 0.004 |
| 50% | Black  White | 84.81 (2.41)  89.21 (1.44) | -4.40 (2.74) | 0.11 | 78.57 (2.56)  86.51 (1.63) | -7.94 (2.99) | 0.01 |
| 60% | Black  White | 83.91 (3.07)  88.91 (1.61) | -5.01 (3.47) | 0.15 | 76.73 (3.28)  86.15 (1.83) | -9.42 (3.78) | 0.01 |
| \*Estimation based on linear mixed-effect model assessing the effect of interaction between race and percent of Medicaid coverage at census-tract level on WOMAC pain at 2 years after THA, using the following assumptions: WOMAC pain at baseline=53; age at surgery=65; BMI=28/kg/m2; hospital expectation score=83; sex=female; comorbidities=0; insurance=Medicaid; education=college and above.  \*\* Estimation based on linear mixed-effect model assessing the effect of interaction between race and percent of Medicaid coverage at census-tract level on WOMAC function at 2 years after THA, using the following assumptions: WOMAC function at baseline=49; age at surgery=65; BMI=28/kg/m2; hospital expectation score=83; sex=female; comorbidities=0; insurance=Medicaid; education=college and above. | | | | | | | |