Bouckaert, Bowern and Atkinson (2018) vs. all data linked • WesternArrarnta------WesternArrarnta • o······WalmajarriHR--------Ngardily············ o·······Ngardily--------WalmajarriHR·····o ····Jaru-----Jaru······ • ..... Ngarinyman------ Ngarinyman ...... ลล······Mudburra-----Mudburra······· .....Bilinarra-----Bilinarra..... .....Gurindji------Gurindji------Gurindji ------Warlmanpa------\_\_\_\_-Nyangumarta·····• ·····MangalaMcK---•·····Nyangumarta------MangalaMcK···· 0.8 ...Karajarri-----Karajarri-------Karajarri------···Kukatja------Kukatja············ ...PintupiLuritja-----PintupiLuritja...... ···Wangkatja-------Wangkatja······· .....Ngaanyatjarra------Ngaanyatjarra---···Warnman------Warnman------- Kartujarra-------Kartujarra-------······Yulparija-----Yulparija ········· ------ Nyamal ······· •-----Martuthunira√ --------Ngarla------• ·····Nyamal--.\_\_\_\_Kariyarra..... •----Ngarla----\_\_\_-Ngarluma······• .....Kariyarra--`Martuthunira ..... •----Ngarluma--0.89 •·····Kurrama-----Kurrama···· •·······Yindjibarndi------Yindjibarndi·······• 0.98 --Panyjima-------Panyjima------<sup>58</sup> •······Yinhawangka-----•Yinhawangka·····• \_\_\_-Purduna..... ·····Payungu---·---Payungu------Purduna-----1 ----Warriyangga-------Warriyangga----...Jiwarli------Jiwarli..... ······Tharrgari-------Tharrgari···········------------Mirniny--------Mirniny-------o-----Ngadjumaya------Ngadjumaya-----··Nhanta------Nhanta········· .....Malgana--------Malgana------------Badimaya------Badimaya------·······Wirangu-------•··Adnyamathanha-------Adnyamathanha-• ······Nukunu-----Nukunu-