Eastern Botswana:
SHUA & TSHWA
SHUA = “Shua”
“Danisi”

TSHWA = “Tshwa”
“Kua”
“Setibe”
(TcireTcire)
SHUA and TSHWA

• are linguistically closely related
• but have different genetic histories
KX’A
TUU
KHOE
“BANTU”

Pickrell et al. 2012
East African link is stronger for Tshwa than Shua

Khoisan ancestry of SHUA and TSHWA is related

Pickrell et al. 2012
SHUA vs. TSHWA

• ~75% clearly Bantu-associated Y-chromosomes
• language shift of Bantu to Khoe with female-biased gene flow
• admixture took place roughly at same time (~500-600 years BP)
• admixture with same autochthonous population

• only ~20% clearly Bantu-associated Y-chromosomes
• hybrid population (Khoisan, Bantu, East African) that speaks Khoe language
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