Supplemental table 1 Comparison of groups with complete and incomplete datasets in the motivation for SDM scale

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| Variable | Motivation for SDM scale complete (n = 333) | Motivation for SDM scale incomplete (n = 20) | p-value |
| Gender, *n* (%)FemaleMale | 188 (95.4%)145 (92.9%) | 9 (4.6%)11 (7.1%) | .316a |
| Mean age in years\*, *M (SD)* | 53.5 (9.0) | 54.0 (10.0) | .793b |
| Migration, *n (%)* No (German) YesInsufficient information | 301 (95.3%)25 (83.3%)326 (94.2%) | 15 (4.7%)5 (16.7%)20 (5.8%) | .021c |
| Education\*, *n (%)* Basic Education (up to 9 years) Medium Education (10-11 years) Higher Education (12 years and over) | 109 (95.6%)129 (93.5%)94 (94.0%) | 5 (4.4%)9 (6.5%)6 (6.0%) | .757a |
| Reason for Consultation, *n (%)* Health Check Disease Management for Diabetes | 319 (94.7%)14 (87.5%) | 18 (5.3%)2 (12.5%) | .227c |
| Number of risk factors besides age\*, *M (SD)* | 0.6 (0.8) | 0.5 (0.8) | .559b |
| Contact with arriba prior to examination, *n (%)*YesNo | 279 (93.3%)54 (100%) | 20 (6.7%)0 (0%) | .053c |

SDM = shared decision making

a= *χ2*-test; b = t-test; c = Fisher’s exact test

Supplemental table 2 Comparison of groups with complete and incomplete datasets in the accessibility scale

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| Variable | Accessibility scale complete (n = 307) | Accessibility scale incomplete (n = 46) | p-value |
| Gender, *n* (%)FemaleMale | 173 (87.8%)134 (85.9%) | 24 (12.2%)22 (14.1%) | .595a |
| Mean age in years\*, *M (SD)* | 53.5 (9.1) | 53.5 (9.0) | .996b |
| Migration, *n (%)* No (German) YesInsufficient information | 280 (88.6%)22 (73.3%)5 (71.4%) | 36 (11.4%)8 (26.7%)2 (28.6%) | .038c |
| Education\*, *n (%)* Basic Education (up to 9 years) Medium Education (10-11 years) Higher Education (12 years and over) | 99 (86.8%)122 (88.4%)86 (86.0%) | 15 (13.2)16 (11.6%)14 (14.0%) | .851a |
| Reason for Consultation, *n (%)* Health Check Disease Management for Diabetes | 294 (87.2%)13 (81.3%) | 43 (12.8%)3 (18.8%) | .449c |
| Number of risk factors besides age\*, *M (SD)* | 0.6 (0.8) | 0.6 (0.8) | .930b |
| Contact with arriba prior to examination, *n (%)*YesNo | 50 (92.6%)257 (86.0%) | 4 (7.4%)42 (14.0%) | .182a |

a= *χ2*-test; b = t-test; c = Fisher’s exact test