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| **SDC 2.** Odds ratios for interaction terms between the CRQ-subscales and SBST risk groups with GPE at 2-week follow-up as outcome. | |
|  | **Improved**  **OR (95% CI)\*** |
| Data-gathering |  |
| SBST Low (Reference)  2nd quartile of CRQ  3rd quartile of CRQ  4th quartile of CRQ | 1.63 (1.05 to 2.52)  1.26 (0.79 to 2.04)  1.94 (1.14 to 3.30) |
| SBST Medium (interaction) 2nd quartile of CRQ  3rd quartile of CRQ  4th quartile of CRQ | 0.54 (0.29 to 1.02)  0.91 (0.45 to 1.83)  1.02 (0.47 to 2.21) |
| SBST High of CRQ (interaction)  2nd quartile of CRQ  3rd quartile of CRQ  4th quartile of CRQ | 0.76 (0.37 to 1.56)  0.92 (0.42 to 2.02)  0.94 (0.40 to 2.22) |
|  | *P = 0.6\*\** |
| Relationship-building |  |
| SBST Low (Reference)  2nd quartile of CRQ  3rd quartile of CRQ  4th quartile of CRQ | 1.18 (0.74 to 1.88)  1.95 (1.22 to 3.12)  1.84 (1.14 to 2.96) |
| SBST Medium (interaction)  2nd quartile of CRQ  3rd quartile of CRQ  4th quartile of CRQ | 0.76 (0.38 to 1.50)  0.74 (0.37 to 1.47)  0.72 (0.36 to 1.42) |
| SBST High of CRQ (interaction)  2nd quartile of CRQ  3rd quartile of CRQ  4th quartile of CRQ | 0.97 (0.45 to 2.09)  0.82 (0.38 to 1.77)  0.69 (0.32 to 1.60)  *P = 0.9* |
| Generic reassurance |  |
| SBST Low (Reference)  2nd quartile of CRQ  3rd quartile of CRQ  4th quartile of CRQ | 1.27 (0.81 to 2.00)  1.43 (0.90 to 2.29)  2.39 (1.38 to 4.14) |
| SBST Medium (interaction)  2nd quartile of CRQ  3rd quartile of CRQ  4th quartile of CRQ | 0.83 (0.43 to 1.60)  1.17 (0.59 to 2.35)  0.86 (0.39 to 1.91) |
| SBST High of CRQ (interaction)  2nd quartile of CRQ  3rd quartile of CRQ  4th quartile of CRQ | 0.88 (0.43 to 1.81)  1.38 (0.63 to3.02)  0.69 (0.29 to 1.69)  *P = 0.8* |
| Cognitive reassurance |  |
| SBST Low (Reference)  2nd quartile of CRQ  3rd quartile of CRQ  4th quartile of CRQ | 1.58 (1.00 to 2.48)  1.58 (0.99 to 2.52)  1.97 (1.19 to 3.27) |
| SBST Medium  2nd quartile of CRQ  3rd quartile of CRQ  4th quartile of CRQ | 0.58 (0.30 to 1.11)  0.89 (0.44 to 1.79)  1.15 (0.54 to 2.45) |
| SBST High of CRQ  2nd quartile of CRQ  3rd quartile of CRQ  4th quartile of CRQ | 0.95 (0.45 to 1.98)  0.81 (0.38 to 1.74)  0.67 (0.30 to 1.52)  *P = 0.3* |
| CI, Confidence interval; CRQ, Consultation-based Reassurance Questionnaire; OR, Odds ratio; SBST, STarT Back Screening Tool.  **\***ORs are for interaction terms and indicates the incremental effect of quartiles of CRQ-domains with medium/high risk as compared to low risk.  \*\* p-values are for interactions between quartiles of CRQ domains and SBST risk groups. | |