# S3 File. Correlation matrices of items for HRS HCAP and LASI-DAD

Supplementary Table 1. Matrix of correlations between items for HRS HCAP

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 |
| 1 | Word list immediate recall |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2 | Word list delayed recall | .919\* |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 3 | Word list recognition | .943\* | .938\* |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 4 | Constructional praxis delayed recall | .841\* | .848\* | .882\* |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 5 | Logical memory immediate recall | .872\* | .896\* | .896\* | .848\* |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 6 | Logical memory delayed recall | .770\* | .780\* | .785\* | .781\* | .803\* |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 7 | Logical memory recognition | .758\* | .779\* | .774\* | .769\* | .820\* | .979\* |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 8 | Brave man immediate recall | .924\* | .932\* | .956\* | .882\* | .925\* | .812\* | .794\* |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 9 | Brave man delayed recall | .775\* | .786\* | .796\* | .792\* | .774\* | .980\* | .959\* | .791\* |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10 | 3-word delayed recall | .846\* | .847\* | .840\* | .791\* | .814\* | .736\* | .725\* | .857\* | .737\* |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 11 | Animal fluency | .945\* | .934\* | .952\* | .879\* | .886\* | .778\* | .761\* | .958\* | .794\* | .878\* |  |  |  |  |  |  |  |  |  |  |  |  |
| 12 | Name cactus | .948\* | .937\* | .942\* | .876\* | .889\* | .780\* | .763\* | .954\* | .790\* | .887\* | .990\* |  |  |  |  |  |  |  |  |  |  |  |
| 13 | Name scissors | .948\* | .937\* | .942\* | .876\* | .889\* | .780\* | .763\* | .954\* | .790\* | .887\* | .990\* | 1.000\* |  |  |  |  |  |  |  |  |  |  |
| 14 | Name watch | .920\* | .909\* | .914\* | .850\* | .863\* | .761\* | .755\* | .920\* | .771\* | .872\* | .954\* | .964\* | .964\* |  |  |  |  |  |  |  |  |  |
| 15 | Name pencil | .920\* | .915\* | .913\* | .855\* | .868\* | .766\* | .760\* | .925\* | .777\* | .872\* | .960\* | .970\* | .970\* | .981\* |  |  |  |  |  |  |  |  |
| 16 | Name elbow | .939\* | .941\* | .958\* | .885\* | .898\* | .782\* | .771\* | .964\* | .793\* | .860\* | .973\* | .970\* | .970\* | .955\* | .947\* |  |  |  |  |  |  |  |
| 17 | Write a sentence | .743\* | .713\* | .732\* | .721\* | .703\* | .631\* | .634\* | .727\* | .637\* | .696\* | .751\* | .748\* | .748\* | .745\* | .745\* | .734\* |  |  |  |  |  |  |
| 18 | Read and follow command | .906\* | .877\* | .900\* | .825\* | .837\* | .733\* | .722\* | .900\* | .738\* | .835\* | .927\* | .930\* | .930\* | .928\* | .927\* | .927\* | .774\* |  |  |  |  |  |
| 19 | Repetition of phrase | .895\* | .884\* | .895\* | .837\* | .844\* | .765\* | .753\* | .900\* | .770\* | .865\* | .928\* | .931\* | .931\* | .916\* | .922\* | .909\* | .743\* | .877\* |  |  |  |  |
| 20 | What to do with a hammer | .942\* | .950\* | .961\* | .888\* | .901\* | .791\* | .774\* | .974\* | .801\* | .869\* | .983\* | .980\* | .980\* | .944\* | .950\* | .990\* | .737\* | .917\* | .918\* |  |  |  |
| 21 | Where is the local market/store? | .942\* | .950\* | .962\* | .882\* | .895\* | .785\* | .774\* | .968\* | .796\* | .863\* | .977\* | .973\* | .973\* | .938\* | .944\* | .983\* | .732\* | .918\* | .912\* | .993\* |  |  |
| 22 | Following instructions 2 step | .932\* | .940\* | .958\* | .897\* | .898\* | .788\* | .776\* | .964\* | .804\* | .866\* | .980\* | .970\* | .970\* | .941\* | .947\* | .987\* | .740\* | .921\* | .909\* | .990\* | .983\* |  |
| 23 | Following instructions 3 step | .857\* | .840\* | .851\* | .806\* | .807\* | .710\* | .704\* | .850\* | .715\* | .799\* | .871\* | .880\* | .880\* | .883\* | .877\* | .877\* | .786\* | .933\* | .846\* | .867\* | .868\* | .870\* |

*Note.* \*p<.05

Supplementary Table 2. Matrix of correlations between items for LASI-DAD

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 |
| 1 | Word list immediate recall |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2 | Word list delayed recall | .174\* |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 3 | Word list recognition | .575\* | .146\* |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 4 | Constructional praxis delayed recall | .413\* | .111\* | .387\* |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 5 | Logical memory immediate recall | .273\* | .445\* | .253\* | .160\* |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 6 | Logical memory delayed recall | .315\* | .377\* | .282\* | .206\* | .613\* |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 7 | Logical memory recognition | .295\* | .452\* | .229\* | .158\* | .696\* | .633\* |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 8 | Brave man immediate recall | .264\* | .490\* | .220\* | .133\* | .779\* | .552\* | .595\* |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 9 | Brave man delayed recall | .246\* | .516\* | .168\* | .141\* | .514\* | .631\* | .642\* | .544\* |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10 | 3-word delayed recall | .159\* | .420\* | .171\* | .079\* | .373\* | .259\* | .348\* | .430\* | .286\* |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 11 | Animal fluency | 0.002 | 0.017 | 0.01 | 0.006 | 0.022 | 0.016 | 0.017 | 0.013 | 0.014 | .036\* |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 12 | Name coconut | -0.007 | 0.009 | 0.017 | 0.007 | .040\* | 0.029 | 0.029 | 0.006 | 0.011 | 0.003 | .451\* |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 13 | Name scissors | -0.009 | 0.001 | 0.007 | 0.001 | 0.027 | .035\* | .051\* | 0.004 | 0.013 | 0.01 | .494\* | .693\* |  |  |  |  |  |  |  |  |  |  |  |  |
| 14 | Name watch | -0.031 | 0.001 | -0.023 | 0.007 | 0.006 | 0.01 | 0.02 | -0.014 | 0 | -0.02 | .326\* | .446\* | .457\* |  |  |  |  |  |  |  |  |  |  |  |
| 15 | Name pencil | -0.024 | 0.014 | -0.016 | -0.009 | 0.014 | 0.016 | 0.026 | -0.005 | 0.008 | -0.02 | .337\* | .443\* | .475\* | .881\* |  |  |  |  |  |  |  |  |  |  |
| 16 | Name elbow | -0.014 | 0.021 | -0.008 | 0.001 | .035\* | 0.029 | .036\* | 0.008 | 0.018 | -0.006 | .663\* | .489\* | .476\* | .516\* | .512\* |  |  |  |  |  |  |  |  |  |
| 17 | Write a sentence | 0.019 | -0.023 | 0.026 | 0.041 | 0.001 | 0.03 | 0.022 | -0.016 | 0.002 | 0.007 | .526\* | .560\* | .634\* | .596\* | .621\* | .587\* |  |  |  |  |  |  |  |  |
| 18 | Say a sentence | -0.01 | -0.008 | -0.022 | 0.021 | .050\* | 0.007 | 0.017 | -0.014 | -0.01 | -0.009 | .073\* | .341\* | .366\* | 0.039 | 0.036 | .085\* | x |  |  |  |  |  |  |  |
| 19 | Read and follow command | -0.027 | -0.024 | -0.012 | 0.028 | -0.016 | 0.011 | 0.033 | -0.023 | -0.002 | -0.003 | .680\* | .723\* | .751\* | .737\* | .767\* | .702\* | .608\* | x |  |  |  |  |  |  |
| 20 | Follow example | -0.024 | -0.013 | -0.04 | -0.037 | 0.01 | -0.003 | -0.009 | -0.024 | -0.016 | -0.015 | .079\* | .150\* | .138\* | .365\* | .407\* | .350\* | x | -0.011 | x |  |  |  |  |  |
| 21 | Repetition of phrase | -.049\* | -0.015 | -0.006 | -.035\* | -0.016 | -0.013 | -0.004 | -0.032 | -0.009 | -0.014 | .353\* | .433\* | .432\* | .388\* | .385\* | .382\* | .527\* | .055\* | .656\* | .161\* |  |  |  |  |
| 22 | What to do with a hammer | -0.024 | 0.019 | -0.014 | 0.005 | 0.033 | 0.026 | 0.034 | 0.007 | 0.016 | -0.007 | .675\* | .496\* | .527\* | .449\* | .459\* | .876\* | .630\* | .128\* | .702\* | .199\* | .406\* |  |  |  |
| 23 | Where is the local market/store? | -0.028 | 0.017 | -0.006 | -0.01 | 0.029 | 0.027 | 0.029 | 0.004 | 0.013 | -0.008 | .678\* | .529\* | .511\* | .434\* | .458\* | .849\* | .591\* | .077\* | .708\* | .244\* | .434\* | .882\* |  |  |
| 24 | Following instructions 2 step | -0.024 | 0.013 | -0.009 | 0 | .035\* | 0.029 | 0.028 | -0.001 | 0.008 | -0.01 | .651\* | .484\* | .463\* | .461\* | .471\* | .838\* | .583\* | .151\* | .699\* | .318\* | .397\* | .856\* | .864\* |  |
| 25 | Following instructions 3 step | -0.031 | -0.005 | -0.035 | -0.022 | 0.024 | 0.024 | 0.019 | -0.012 | -0.001 | -0.022 | .419\* | .473\* | .500\* | .598\* | .593\* | .478\* | .625\* | .074\* | .746\* | .313\* | .411\* | .443\* | .453\* | .461\* |

*Note.* \*p<.05; x = Cannot be computed because at least one of the variables is constant.