**Analysis of Jata Rules observed in JatA Mani and JatA DarpaNam**

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| **Type** | **Padams Involved**  **With TS reference** | **Padam/Kramam** | **Recommended Jatai** |
| **Sandhi** | abiBaH,tam (JM3)  2.5.1.2, |  | abiBastan tamabiBarabiBastam |
| **Sandhi** | marutAm, pitaH (JM3)  3.3.9.1, |  | marutAM pitaH pitar marutAm marutAM pitaH |
| **Sandhi** | vadanti, akUTayA (JM6)  6.1.6.7 |  | vadantyakUTayAkUTayAvadanti vadantyakUTayA |
| **Sandhi** | nRuShAde, vaT (JM8) |  | nRuShadevaDvaNNRuShadenRuShadevaT |
| **Sandhi** | upa upa, it (JM9) upopa, it  1.5.6.4 |  | Upopedidupopopopet  Upa,upet,itupaupa, upaupet |
| **Sandhi** | BUtvA ,A, harat (JM10) |  | BUtvAharaD,aharadABUtvA,BUtvAharat |
| **Sandhi** | tRutIyam, niH) (JM45) | **PS 6-5** | tRutIyaMnirNiShTRutIyaMtRutIyaMniH |
| **AyuH** | triShTuk,AyuH (JM45) |  | triShTugAyurAyuShTriShTuktriShTugAyuH |
| **AyuH** | tasmAt,AyuH (JM45) |  | tasmAdAyurAyuShTasmAttasmAdAyuH |
| **Dvipadam** | asUrtA A (JM14) | **Padam Not similar** | asUrtAsUrtAsUrtAsUrtAsUrtAsUrtA |
| **Visarga** | a~ggiroByaH,svAhA (JM15) |  | a~ggiroByas,svAhA,svAhA~ggiroByas,svAhA |
| **Visarga** | aSvaH ,RuShaBaH (JM15) |  | aSva ,RuShaBa, RuShaBo, aSvo &Sva RuShaBaH |
| **Visarga** | somaH, prati (JM15) |  | somaH prati, pratiShomaH somaH prati |
| **Visarga** | sya, pra(JM15) |  | sya,pra,pra,sya,sya,pra |
| **Visarga** | nahyati, anuShTup (JM15) |  | nahyatyanuShTubanuShTumnahyatinahyatyanuShTup |
|  |  |  |  |
| **Sandhi** | niH,nenekti (JM36) |  | nirNenektinenektinirNirNenekti |
| **Sandhi** | kRudhi, punaH) (JM39) (JD26) | **PS 8-25** | kRudhipunaH punaskRudhikRudhipunaH |
|  |  |  |  |
| **Sandhi** | pate, dhanadAH) (JM40) | **PS 8-27** | pate dhanadA dhanadA spatepate dhanadAH |
| **Sandhi** | patiH pRuthivyAH) (JM40) |  | patiH pRuthivyAH pRuthivyAspatiShpatiH pRuthivyAH |
|  |  |  |  |
| **Special** | anvAraBya, pari (JM47) | **PS 7-4,7-5**  **No N** | anvAraByapariparyAnvAraByAnvAraByapari |
| **Special** | anyam, pari (JM47) | **No N** | anyaMpariparyanyamanyaMpari |
| **Special** | antam, pra (JM47) | **No N** | antaMpraprAntamantaMpra |
| **Special** | annam, pra (JD 20) | **No N** | annam pra prA nnamannam pra |
| **Visargam** | niH, SitAyAm  (JD 20) | **N** | niSitAyAm nirNiniSitAyam |
| **Visargam** | niH, ninikte (JD 20) | **N** | nirNeninikteneniniktenirNirNirnikte |
|  |  |  |  |
|  |  |  |  |
| **Sandhi** | na, Anat (JM53) | **PS 8-2 n to N** | na^^AnaDAnaNNona^^AnaT |
| **Sandhi** | ni,amArT (JM53) |  | nyamArDamArNNanyamAT |
|  | vidvAn,atha (JM43) | **PS 8-34** | vidvAnathAthavidhvAnvidvAnatha |
| **Sandhi** | laBate,viT (JM55) | **‘t’ to D, l** | laBate viD vil laBate laBate viT |
| **Sandhi** | prA~jcau, niH (JM43) | **niH** | prA~jcaunir NiShprA~jcau prA~jcauniH |
| **gm** | rAyaH, sam (JM30) |  | rAyas sagMsagM rAyo rAyassaM |
| **gm** | rAj~je sam (JM30) |  | rAj~je sagM sagMrAj~je rAj~gesam |
| **gm** | rAShTreNa ,sam (JM30) |  | rAShTreNa sagM sagM rAShTreNa rAShTreNasam |
|  |  |  |  |
| **Special** | tiShThanti, ekaikayA (JM31) |  | tiShThantyaikaikayaikaikayAtiShThanti tiShThantyekaikayA |
| **Special** | ekaikayA, stutayA (JM31) |  | ekaikayAstutayAstutayaikaikayaikaikayAstutayA |
| **Special** | iti,ekaikam (JM31) |  | ityekaikamekaikamitItyekaikam |
| **Special** | ekaikam,tasya (JM31) |  | ekaikaM tasyatasyaikaikamekaikaM tasya |
|  |  |  |  |
| **Sandhi R** | RutunA,pra (JM56) |  | RutunA pra prA rtuna rtunA pra |
| **Sandhi R** | Rujam, A |  | Ruju mA rjumRujumA |
| **Sandhi R** | Rutena, A |  | RutenArtenartenA |
| **Sandhi R** | RutavyAH, upa |  | RutavyA^^upopArtavyA^^RutavyA^^upa |
| **Sandhi R** | RutUnAm, ava |  | RutUnAmavAvArtUnAmRutUnAmava |
| **Sandhi R** | Rudhyata,apa |  | RudhyatepApardhyata^^Ruddhyatepa ??? |
|  | athA,sapatnAn (JM57) | **PS 9-22** | athA- satnAnth sapatnA(gm) athAthA sapatnAn |
|  | AthA, sapatnAn (JM57) | **No gm 9-22** | AthA sapatnAnth sapatnAnathAthA sapatnAn |
|  | ApaH, havishmAn (JM57) |  | ApohaviShmAnhaviShmAnApa^^ApohaviShmAn |
|  | No dhIgam before ‘pRu (JM33) |  | aprukteca (no join) apRuktE ca |

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| **Type** | **Padams Involved**  **With TS reference** | **Padam/Kramam** | **Recommended Jatai** |
| Special | aSvAjani pracetasaH (JM18) (JD29) |  | aSvAjani pracetasaH pracetaso &SvAjanyaSvAjani pracetasaH || |
| Avagraha | atho,yaH |  | athoyoyotho &tho yaH |
| Avagraha | adhvaryaH, srucam |  | ‘adhvaryo sruca(gm) srucamadhvaryo adhvaryo srucam |
| Avagraha | Janayati,adhvaryaH (JD29) |  | jayantyadhvaryo &adhvaryo janyati janayatyadhvaryaH |
| Special | eyAtam,brAhmaNAya  (JM19) (JD50) | ‘e’ not ‘ai’ | eyAtAMbrAhmaNAya,brAhmaNAyeyAtAmeyAtAM brAhmaNAya || |
| Special | punaH, etya (JM19) | ‘e’ not ‘ai’ | punaretyetyapunaH punaretya |
| Avagraha | anu,gAvaH (JM21) (JD30) |  | anugAvogAvo^^anvanugAvaH |
| Avagraha | gAvaH,anu (JM22) (JD30) |  | gAvo &nvanugAvogAvo&nu |
| Elong | hi, stha (JM23) (JD12) |  | hiShTha sthahi hi ShTha |
| Elong | stha, mayoBuvaH (JM23) (JD 13) |  | sthA mayoBuvo mayoBuvaH stha sthA mayoBuvaH |
| Elong | BaratA, vasuvittamam (JD 13) |  | baratA vasuvittamam vasuvittamam Barata BaratA vasuvittamam |
| Elong | BavatA,mRudayantaH (JD 13) |  | BavatA,mRudayanto mRudayanto Bavata BavatA mRudayantaH |
| Elong | tatapA, suvRuktiBiH (JD 13) |  | tatapA suvRuktiBissuvRuktiBi statapa tatapA suvRuktiBiH |
| Elong | hantana, tam(JD 13) |  | hantanAtanta(gm) hantana hantanAtam |
| PG | antar,BariShyantI |  | antarBariShyantIBariShyantI^^antarantarBariShyantI |
| PG | atha, mithunI (JD39) |  | atha mithunI mithunyathAtha mithunI |
| PG | asme,varcaH |  | asme varco varco^^asme^^asme varcaH |
|  |  |  |  |
| Sandhi U | nu,vai (JM27) |  | nvaivainunvai |
|  | tu,vai (JM27) |  | tvai vaitutvai |
|  | varuNaH, tu (JM27) |  | varuNastu tu varuNo varuNastu |
|  | Vasatu, nu (JM27) |  | vasatu nu nu vasatuvasatu nu |
|  |  |  |  |
|  | u,pAtu (JM33) |  | upAtupAtUpAtu |
|  | u,su (JM33) |  | UShusUShu |
|  | u,nu (JM33) |  | UnunUnu |
|  | u,tu (JM33) |  | UtutUtu |
|  | u,su. naH (JD25) |  | U Shu No nas sUShuNaH |
|  | u,yantu (JD25) |  | uyantu yantUyantu |
|  | u,tvA (JM33) |  | utvAtvavutvA |
|  | u,hotA (JM33) |  | uhotAhOtavuhotA |
|  | tat,u (JM33) |  | tadUtattadu |
|  | tasmat, u (JM33) |  | tasmAdUtasmAttasmAdu |
|  | sa u (JM33) |  | sa^^uvusasa^^u |
|  | Snathat,vRutram (JM20) | S to C | S~jathaddvRutraM vRutrag(gm) S~jathacCnathad vRutraM |
|  |  |  | +xÉÉ¹Éæ +MxÉªÉ <iªÉºªÉ +±ÉÉä{É B´É ºªÉÉiÉ |
| agnayaH | naH, agnayaH  (JM25) (JD28) |  | no &gnayo^^agnayo no no &gnayaH |
| agnayaH | agnayaH,paprayaH (JM25) (JD28) |  | agnayaH paprayaH paprayo^^ agnayo &gnayaH paprayaH |
| agnayaH | agnayo anvatapyanta (JM16) |  | agnayo &nvatapyantAnvatapyantAgnayo agnayo &nvatapyanta |
| agnayaH | yAn, agnayaH (JD32) |  | ªÉÉxÉMxÉªÉÉä +MxÉªÉÉäªÉÉxÉÂªÉÉxÉMxÉªÉ&  yAnagnayo agnayo yAn yAnagnayaH |
| agnayaH | anArSha, agnayaH | Rule not Padam | +xÉÉ¹Éæ +MxÉªÉ <iªÉºªÉ +±ÉÉä{É B´É |
| Avagraha | adabdhAyaH, aSItatanaH (JM34) | PA 12.8 | adabdhAyo &Sritatano^aSItatano^^adabdhAyo &dabdhAyo &SItatano | |
| Avagraha | addhvaryaH, aveH (JM34) |  | addhvaryo &veraveraddhvaryo &dhvaryo &veH |
| Avagraha | SatakrataH,anu (JM34) |  | Satakrato&nvanu Satakrato Satakrato&nu |
| Avagraha | GRutavatIm, adhvaryaH (JM34) |  | GRutavatImadhvaryo GRutavatImadhvaryo adhvaryo GRutavatIM GRutavatImadhvaryo |
| Avagraha | adhvaryaH, srucam) (JM34) |  | adhvaryo srucagM srucamadhvaryo adhvaryo srucam || |
| Avagraha | avasAta,staBAne (JM34) |  | avasAtastaBAnetastaBAne^^avasAtastaBAne |
|  |  |  |  |
| Avagraha | suparNaH, asi(JM36) | PS 12-2 | suparNo&syasisuparNaH suparN&osi |
| S after ut | svAyuShA, ut (JM27) |  | svAyuShodutsvAyuShAsvAyuShot |
| S after ut | sthAnAt, ut (JM27) |  | sthAnAdudutthAnAt sthAnAdut |
| S after ut | stomam, ut (JM27) |  | stomamudutstomagM stomamut |
|  | Agne, iShA (JM 70/72 all) |  | agna^^iSheShA &gne &gna^^iShA |
|  | tvA,agne (JD33) |  | tvA &gne &gne tvA tvA &gne |
|  | agne,puram |  | agne puraM puramagne &gne puraM |
|  | punaH, agne (JD33) |  | punaragne &gne punaH punaragne |
|  | kRudhi, punaH (JD4) |  | kRudhi punaH punaskRudhi kRudhi punaH |
|  | te,agne (JD33) |  | te^^ agne&gne te te^^agne  te,agne) te^^ agne^^ agne tete^^agne |
|  | aSman, te |  | +¶¨ÉBìºiÉäiÉ+¶¨ÉzÉ¶¨ÉBìºiÉ **(yellow is gg)**  **aSma(gg)ste ta aSmannaSma(gg) ste** |
|  | agne, samidhaH |  | agne samidhas samidho&gne &gne samidhaH |
|  | gomAn,agne |  | gomA(gm) agne&gne gomAn goma(gm) agne |
|  | tvam, agne |  | tvamagne^^agnetvaM tvamagne |
|  | AyurdAH, agne) |  | AyurdA^^agne^^agna^^AyurdA^^AyurdA^^agne |
|  | yena, agne (JM74) |  | yenAgne^^agneyenayenAgn |
|  | agne, dakShiNA (JM74) |  | agne dakShiNA dakShiNA^^agne^^agne dakShiNAH |
|  | agne, sukRutaH (JM74) |  | agne sukRutas sukRuto^^agne^^agne sukRutaH |
|  | gomAn,agne (JD33) |  | gomA(gm) agne&gne gomAn goma(gm) agne |
|  | janman,agne |  | VÉx¨ÉzÉMxÉä +MxÉä VÉx¨ÉxVÉx¨ÉzÉMxÉä  janmannagne ange janmanjanmannagne |
|  | apaH, anu (JD33) |  | apo^^ anvanvapo&po^^ anu |
|  | kalpatAm, apAnaH |  | kalpatAm, apAnaH) kalpatAmapAno^^apAnaH kalpatAM kalpatAmapAnaH |
|  | apAnam, me |  | apAnaM me me^^apAnam apAnaM mE |
|  | agniH,varivo (JD33) |  | agnir varivo varivo &gniragnir varivaH |
|  | naH, antamaH |  | no^^ antamo &ntamo no no^^ antamaH |
|  | ca, apijaH) |  | cApijo^^apijaScacApijaH |
|  | adhi,rocane (JM72) (JD33) |  | adhi rocane rocane &dhyadhi rocane |
|  | antarikSham, sUryaH) |  | antarikSha(gm) sUryas sUryo &ntarikSha, mantarikSha(gm) sUryaH || |
|  | adya,naH (JM72) |  | adya no no &dyAdya naH |
|  | anu, yaH (JM72) |  | anu yo yo &nvanu yaH |
|  | asmin, sadhasthe(JM74) |  | asminth sadhasthe sadhasthe^^asminnasminth sadhasthe |
|  | vAjI,addhvanaH) (JM74) |  | vAjyaddhvanoddhvanovAjIvAjyaddhvanaH |
|  | advanaH, Akramya) (JD36) |  | adhvana^^AkramyAkramyAdhvano &dhvana^^Akramya |
|  | Bavati, agre (JM75) (JD36) | PS 12-17 | Bavatyagre &gre Bavati Bavatyagre |
|  | agre,iti (JD36) |  | +OÉ<iÉÒiªÉOÉäOÉ<ÊiÉ  agra itItyagre &gra iti |
|  | arpayati, pAvakaH) (JM75) (JD36) |  | arpayati pAvakaH pAvako &rpayatyarpayati pAvakaH |
|  | a~ggiraH, iti (JM75) (JD36) |  | a~ggira^^itItya~ggiro &~ggira^^iti |
|  | asya sUdahasaH (JM76) |  | asya sUdadohasaH sUdadohaso ^^asyAsyasUdadohasaH |
|  | asya,arAtIyataH (JD33) |  | +ºªÉ®úÉiÉÒªÉiÉÉä®úÉiÉÒªÉiÉÉä ºªÉºªÉ®úÉiÉÒªÉiÉ&  asyArAtIyato &rAtIyato &syAsyAtIyataH |
|  | asya,AtIyaH (JM72) |  | asyarAtIyatorAtIyato&syasyarAtIyaH |
|  | arAtiyataH, hanta (JM72) |  | arAtIyatohantAhantArAtIyatorAtIyatohantA |
|  |  |  |  |
|  |  |  |  |
| Trikrama | mA,A, sthAt (JD 5) |  | ¨ÉÉ ºlÉÉiºlÉÉnùÉ ¨ÉÉ ¨ÉÉ ºlÉÉiÉÂ \*  mA &&sthAth sthAdA mA mA &&sthAt |
| Trikrama | Mo, su, naH (JD 5) |  | ¨ÉÉä ¹ÉÚhÉÉä xÉ ººÉÖ¨ÉÉä ¨ÉÉä ¹ÉÚhÉ&  mo ShUNo nas su mo mo ShU NaH |
|  | AstAm, te (JD 11) |  | AstAmte ta AstA mAstAm te |
|  | abrutAm, sarve  (JD 11) |  | abrUtA(gm) sarve sarve &brUtAmabrUtA(gm) sarve |
|  |  |  |  |
|  | RuShabam, upa (JD68) | Ru to join except before r. | @ñ¹É¦É¨ÉÖ{ÉÉä{ÉÉ®Âú¹É¦É¨ÉÞ¹É¦É¨ÉÖ{É  RuShabamupopAr.ShabamRuShabamupa |
|  | RuShiH, ha (JD69) | Ru not joined with ‘r’ | @ñÊ¹É®Âú½þ½þ®ÂúÊ¹É®Âú@ñÊ¹É®Âú½þ  RuShir.hahar.Shir. RuShir.ha |
|  |  |  |  |